# Appendix A3

## *Terms of Reference*
## *Record of Consultation*

January 2020



Appendix A3

# Ridge Landfill Expansion Environmental

# Record of Consultation

December 2017

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# Acronyms, Abbreviations, Definitions

## Definitions

***Alternatives to*** – The *Environmental Assessment Act* requires that Undertakings being reviewed within the framework of the Act consider "alternatives to" the undertaking, or functionally different ways of addressing the problem statement (in this case, managing waste). This is also known as an "Alternative to the Undertaking".

***Alternative Methods*** – Various ways of carrying out the preferred undertaking that are technically and economically feasible (Ministry of the Environment. (2014b, January)).

***Focused EA*** – An Environmental Assessment prepared in accordance with Subsection 6.1(2) of the *Environmental Assessment Act, 1990* which excludes one or more requirements of the Act from the Environmental Assessment.

***Haul Route*** – refers to Communication Road, Drury Line and Erieau Road which are identified and used as the designated route for trucks entering and exiting the Ridge Landfill from Hwy 401.

***Haul Route Study Area*** – The residences and businesses abutting the Haul Route.

***Indigenous Communities*** – The First Nations and Métis communities identified by the Ministry of Environment and Climate Change that have potential to be interested in, or impacted by the Undertaking. These groups include the Caldwell First Nation, Walpole Island First Nation, Kettle and Stoney Point First Nation, Chiefs of Ontario, Chippewas of the Thames First Nation, Moravian of the Thames, Munsee-Delaware Nation, Oneida of the Thames, Métis Nation of Ontario and the Aamjiwnaang First Nation.

***Off-Site Study Area*** – The area within 1 km of the maximum expanded fill area of the landfill.

***On-Site Study Area*** – The Ridge Landfill property including the Landfill Site Area, plus the proposed expansion areas.

***Waste Connections of Canada*** – (Waste Connections) is the proponent for this undertaking. Waste Connections was formerly known as BFI Canada Inc., and Progressive Waste Solutions (PWS). PWS and Waste Connections Inc. merged in an all-stock transaction as of June 1, 2016. The company is currently branded as Waste Connections of Canada for its operations in Canada.

***Ridge Landfill***– Property that encompasses existing Landfill Site Area and proposed expansion. The site is owned by Ridge Limited Partnership. Ridge (Chatham) Holdings G.P. Inc., is the general partner and Waste Connections of Canada is the limited partner.

***Stakeholders*** –This refers to 'interested persons' as defined in the "Code of Practice: Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario" (Ministry of the Environment, 2014).

***Undertaking*** – The proposed expansion of the Ridge Landfill (also described herein as the "Project").

## Acronyms

***EA*** – Environmental Assessment

***EA Act or the Act*** – the Environmental Assessment Act

***LTVCA*** – Lower Thames Valley Conservation Authority

***MNRF*** – Ministry of Natural Resources and Forestry

***MOECC*** – Ministry of the Environment and Climate Change

***Waste Connections*** – Waste Connections of Canada

***ToR*** – Terms of Reference

# 1.0 Introduction

Waste Connections of Canada (Waste Connections) is seeking approval under the Ontario *Environmental Assessment Act* for an expansion of its Ridge Landfill to continue to provide long-term, post-diversion residual disposal capacity to southern and central Ontario for the IC&I sector and for its host community the Municipality of Chatham-Kent.

An extensive public consultation process was undertaken in concert with the Terms of Reference (ToR) development for this project starting in May of 2016. A draft ToR was submitted in June 2016, with a final ToR submitted in November 2016 and amended in February of 2017. In summer of 2017 Waste Connections voluntarily withdrew that ToR to work with the MOECC to develop this new ToR to better reflect the government's new *Strategy for a Waste Free Ontario – Building a Circular Economy* (February 2017).

This Record of Consultation (ROC) document highlights the communication and consultation that took place during the development of the ToR for the Project including activities undertaken and input received. The ROC includes the activities undertaken and input received throughout the ToR development process including:

- the development of the ToR in 2016 with a draft ToR presented for public and agency review in spring 2016;
- the submission to the Ministry of Environment and Climate Change (MOECC) of the final proposed ToR in late 2016 and final amended ToR in February 2017;
- the voluntary withdrawal of the proposed ToR in summer 2017 to better reflect the government's new *Strategy for a Waste Free Ontario – Building a Circular Economy* (February 2017), which was released after the Terms of Reference were submitted; and,
- the submission to MOECC of the ToR for the proposed project in December 2017.

## 1.1 Report Organization

The report includes the following sections:

- **Section 1.0 – Introduction**: highlights the objectives of the ToR consultation program.
- **Section 2.0 – Communication Mechanisms**: documents the methods used to inform people about the Project including the identification of interested stakeholders. Stakeholders are defined as those who may have an interest in the Project (see **Section 2.1** for list of stakeholders).

- **Section 3.0 – Public Consultation**: documents the consultation undertaken with the public during the development of the ToR and the input received.
- **Section 5.0 – Indigenous Community Consultation**: highlights the consultation with Indigenous Communities during the development of the ToR and the input received.
- **Section 4.0 – Agency Consultation**: highlights the consultation undertaken with the Municipality of Chatham-Kent and review agencies (i.e., Ministry of Natural Resources and Forestry, Ministry of Environment and Climate Change) during the development of the ToR and the input received.
- **Section 6.0 – Consultation on the Draft EA Terms of Reference**: summarizes the input received from the public, Indigenous Communities and agencies during the public and agency review of the draft ToR.
- **Section 7.0 – Terms of Reference Submission**: this section documents the finalization and submission of the Terms of Reference in November 2016 including input received from MOECC and others.
- **Section 8.0 – New Terms of Reference Submission**: highlights the consultation with MOECC in the summer and fall of 2017 that lead to the submission of this ToR document in December 2017.

## *1.2* Consultation Objectives

Consultation on Environmental Assessment (EA) projects is guided by the Ministry of Environment and Climate Change (MOECC) *Code of Practice "Consultation in Ontario's Environmental Assessment Process"* (2014). This document outlines required consultation as well provides guidance on consultation best practices. Waste Connections of Canada (Waste Connections) is committed to engaging stakeholders in the Project to ensure that residents and businesses within the Off-site Study Area and Haul Route Study Area, as well as in Blenheim, Charing Cross, Cedar Springs and elsewhere within the Municipality of Chatham-Kent, have the ability to provide their input. Waste Connections met with the MOECC in December 2015 to receive additional guidance on methods of stakeholder engagement.

The objectives of the consultation program for the ToR development included:

- to generate awareness of the Project;
- to inform and educate stakeholders about Waste Connections, the EA process, and the Project;
- to gain insight into how the community wishes to be consulted; and
- to provide an opportunity for stakeholders to ask questions, voice their concerns, and provide input on the ToR.

The following guiding principles reinforce the consultation objectives and will continue to help guide the design of consultation and communication activities:

- **Make it timely** – Consultation activities will be conducted so as to ensure members of the public, interested stakeholders, Indigenous Communities and government agencies have the opportunity to provide feedback and participate in the development of the EA.
- **Make it inclusive** – Ensure a broad range of stakeholders and the general public can access Project information, participate, and interact with the Project Team. Consultation and communications material is designed to be easy to understand and a variety of communication consultation methods will be used.
- **Make it community-focused** – Consultation activities are held in proximity to the Ridge Landfill to make it easy for the Project neighbours to participate. Project information will also be available online for ease of community use and engagement.
- **Make it productive** – Continuous measuring and monitoring of events and input will ensure that the positions of stakeholders are being considered contributing to the EA in line with the consultation objectives.
- **Make it transparent** – The consultation process will be open and transparent so that the many different perspectives of stakeholders and the general public can be received and the way in which that input is considered can be seen as reflected in all documentation as appropriate.

# 2.0 Communication Mechanisms

This section documents the development of the stakeholder list for this project and provides an outline of the various notification procedures that were followed as part of the consultation program.

## 2.1 Project Contact List

It is important to ensure that those who might be interested or affected by the proposed expansion of the Ridge Landfill be provided the opportunity to participate in the development of the ToR. As such, Waste Connections developed a comprehensive project contact list. To ensure the accuracy of the contact list, property assessment information was collected for landowners within 1 kilometre of the property, and confirmed for residents along the haul route. Other stakeholders within the community were also identified and placed on the list (e.g. Blenheim Business Improvement Association, Kent Federation of Agriculture, etc.). In a dedicated effort to keep everyone informed, contacts from the Ridge Landfill EA expansion project (1998) and the EA process to increase daily/annual waste inputs (2011) were also included. It is noted that the Project contact list was discussed with representatives of the Municipality of Chatham-Kent to ensure that the list reflected their knowledge of community members and interested groups. The following lists the categories of stakeholders that are included on the contact list. These stakeholders were consulted throughout the ToR and will continue to be consulted during the EA:

- landowners within 1 km of the site and along the haul route;
- Ridge Landfill Liaison Committee;
- Ridge Landfill Community Trust;
- Municipality of Chatham-Kent elected officials;
- provincial and federal elected officials;
- Municipality of Chatham-Kent municipal staff;
- adjacent municipalities;
- provincial and federal regulatory agencies;
- participants from past EA processes;
- Indigenous Communities; and
- other stakeholders (e.g., agricultural organizations, local conservation authority, businesses and business organizations, school boards).

**Appendix A** includes further details on the stakeholders that were consulted with during the ToR. The initial Notice of Commencement of the ToR was distributed to residents and businesses in Blenheim, Charing Cross and Cedar Springs. People within these communities were added to the contact list as they expressed interest. As a living document, the contact list will continue to be updated through the EA.

## 2.2 Mandatory Notices and Other Notifications

There are two mandatory notification points in the development of the ToR – *Notice of Commencement of the Terms of Reference*, and *Notice of Submission*. Other notices included notices of Open Houses and the opportunity to review the draft ToR.

The Ridge Landfill has been a business in the community for 50 years and values the positive relationship developed with the Municipality of Chatham-Kent and specifically the communities of Blenheim, Charing Cross and Cedar Spring and its immediate neighbours. As such, it was considered important to take a personalized approach to notification. A personalized letter was distributed along with a community newsletter and newspaper notice to neighbours in the site vicinity and along the haul route, as well as other stakeholders and interested community members on the contact list. The letter included the contact information for the Waste Connections Project Manager and encouraged the recipient to follow-up with any questions. In all cases, effort was made to ensure that local elected officials, residents and other stakeholders received the information concurrent with placement in the newspapers. This included hand delivering the information to residents on-site and immediate landfill neighbours where possible.

The *Blenheim News Tribune*, *Chatham Daily News*, *Chatham Voice* and *Chatham This Week* were the newspapers used for the notification of the Notice of Commencement of the Terms of Reference, Notice of Open Houses, Notice of the opportunity to review the draft ToR, and Notice of Submission of ToR. **Table 1** describes each of the notifications. Copies of the newspaper notices and letters can be found in **Appendix A**. A copy of the community newsletter and map of the mail drop area can be found in **Appendix B**.

TABLE 1: TERMS OF REFERENCE NOTIFICATION DETAILS

| Notice | Newspaper Insertion Dates | Other Notification Comments |
|---|---|---|
| Combined Notice of Commencement of the ToR and Open House #1 | • Blenheim News Tribune – April 20th and 27th<br>• Chatham Voice – April 21st and 28th<br>• Chatham Daily News – April 21st and 28th<br>• Chatham This Week – April 27th | • Notice and letter hand-delivered to residents on-site and adjacent neighbours.<br>• Notice and letter mailed and/or emailed to all other contacts. |
| Notice of Open House #2 and Draft ToR Release | • Blenheim News Tribune – June 15th<br>• Chatham Voice – June 16th and 23rd<br>• Chatham Daily News – June 16th<br>• Chatham This Week – June 22th | • Notice and letter mailed and/or emailed to all on contact list |
| Notice of Submission of ToR (first submission) | • Blenheim News Tribune – November 16<br>• Chatham Voice – November 17<br>• Chatham Daily News – November 17<br>• Chatham This Week – November 16 | • Notice and letter mailed and/or emailed to all on contact list |
| Notice of New ToR Submission (December 2017) | • Blenheim News Tribune – Wednesday January 3, 2018<br>• Chatham Voice – Thursday January 4, 2018<br>• Chatham Daily News – Thursday January 4, 2018<br>• Chatham This Week – Thursday January 4, 2018 | • Notice and letter mailed and/or emailed to all on contact list |

In addition to the above notifications, a letter was mailed to residents on-site and within one kilometer radius of the site on October 12, 2016 informing them of the hydrogeological drilling program commencing the week October 17, 2016. The drilling is part of pre-EA field work to confirm existing environmental conditions. A notice was posted on the Ridge Landfill website and MOECC as well as the Ward 2 councillors and officials with the Municipality of Chatham-Kent were informed of this activity through an email.

## 2.3 Landfill Website and Contact Information

Waste Connections established a dedicated website for the Ridge Landfill. The website is easily navigable for viewers providing information on the proposed expansion, landfill contact information, information on landfill operations, and community partnerships. On the date of the release of the Notice of Commencement, Waste Connections launched a "Future Plans" page of the website announcing the proposed expansion. The website (www.ridgelandfill.com) provides all documents released thus far and an online form for members of the public and interested stakeholders to submit questions and comments. Between April 20, 2016 and November 30, 2017, there have been 4,502 visits to the website, approximately 75% of which have been new visitors. Three hundred and eighty-eight documents have been downloaded (this includes the Terms of reference, supporting documents, record of consultation, newsletters and notices). A screen capture of the landfill website is included in **Appendix A**.

## 2.4 Community Newsletter

"The Ridge" community newsletter was distributed to landowners within 1 km of the site and along the haul route as well as a mail drop by Canada Post to residents and businesses within Charing Cross, Cedar Springs and Blenheim. In addition to informing them of the proposed landfill expansion it highlighted Waste Connections' commitment to keeping the community informed about landfill operations at the Ridge, the site's environmental management system, and Waste Connections' commitment to being a good neighbour in the local community. The newsletter was also posted on the landfill website and distributed with the Notice of Commencement to all government agencies, elected officials and organizations identified on the Project contact list. A copy of "The Ridge" community newsletter and map of the mail drop area can be found in **Appendix B**.

## 2.5 Media Relations

Immediately following the publication and release of the *Notice of Commencement of the Terms of Reference*, Waste Connections staff made themselves available for media inquiries to answer questions about the proposed expansion with the goal of ensuring the media understood the Project. Waste Connections also offered briefings to local media prior to the second Open House on June 28th, to help inform them on the EA process as it pertains to the Project. All media, including social media channels have and will continue to be monitored for was monitored regularly for potential issues of concern associated with the proposed expansion.

**Table 2** lists the media articles written about the Project during the ToR development.

TABLE 2: MEDIA NEWS STORIES

| Media Outlet | Article Title | Date Published |
|---|---|---|
| Newspaper: The Chatham Voice | "Ridge Landfill Expansion Sought" by Jim Blake | April 22, 2016 |
| Newspaper: Chatham Daily News | "Owner Wants to Increase Lifespan by 20 Years" by Ellwood Shreve | April 22, 2016 |
| Television: CTV News | Interview by Chris Thompson | April 25, 2016 |
| Radio: 99.1 FM | "Landfill Expansion Planned" Chatham-Kent Radio | April 26, 2016 |
| Newspaper: The Chatham Daily News | "Proposed Ridge Landfill Would Make it One of the Largest in Ontario" by Ellwood Shreve | May 3, 2016 |
| Newspaper: The Chatham Daily New | "Development of Biogas Facility in Works at Ridge Landfill" by Ellwood Shreve | May 4, 2016 |
| Newspaper: The London Free Press | "Biogas Facility Slated for Ridge Landfill Site" | May 5, 2016 |
| Blackburnnews.com | "Blenheim Expansion Could be Vertical" | November 18, 2017 |

Copies of media articles are presented in **Appendix C**.

# 3.0 Public Consultation

Public consultation is a critical part of a project as it aids in developing a clearer understanding of community issues and priorities. It allows the Project Team to gain information and perspectives from the local community helping to inform and improve the overall process. As the primary provider of waste management services in the local community, Waste Connections has a history of long-standing positive relations with the local communities of Charing Cross, Cedar Springs, Blenheim and the broader community of the Municipality of Chatham-Kent. To maintain and enhance this strong relationship, Waste Connections put considerable effort into developing a public consultation program that was inclusive and flexible to meet the needs of the residents within these communities. This section of the Record of Consultation documents the consultation aimed at informing and generating input from the public.

## 3.1 Open Houses

Two Open Houses were held (May 3 and June 28, 2016) during the ToR development. The focus of these Open Houses was to provide an opportunity for local residents and businesses to learn more about the Project, ask questions and provide their feedback. Both events used a drop-in style meeting format which allowed attendees to review material at their own pace and time. Project Team members were available for one-on-one discussion with attendees. The following sections briefly describe each Open House. The Open House materials are included in **Appendix D**.

### Open House 1

The first Open House was held on Tuesday May 3rd, 2016 at St. Mary's Hall in Blenheim, and was attended by 60 members of the community. The purpose of the Open House was to introduce people to the Project Team, and provide them the opportunity to learn about the Project and landfill operation, and ask questions. Display boards at the event provided information on the following topics:

- Waste Connections' history at the Ridge Landfill and relationship with the community;
- Waste Connections' socio-economic contributions to the community;
- the current environmental management system at the landfill;
- future plans for expansion and other proposals;
- the need and rationale for the proposed expansion;
- alternatives to expansion that Waste Connections has considered;
- an explanation of the EA process; and

- information on the consultation process and how to stay involved in the Project.

A large-format map was displayed on a table, to allow people to look at the site and haul route in relation to their property. Eleven members of the Waste Connections Project Team were in attendance to discuss the Project with attendees and answer questions.

Comment forms were available for attendees to identify how they heard about the event and provide their feedback on the Project. The majority of attendees heard of the Open House through the personalized letters sent to them by Waste Connections, while a few read about it in the newspaper or heard of it by word of mouth. The feedback from the Open House was primarily positive with some areas of concern raised around future compensation, property values, and potential visual impacts, odours, groundwater and traffic.

Full details on comments raised and the responses to these issues can be found in **Section 3.3**. The input received helped Waste Connections identity the concerns of the community and incorporate them into the final ToR. Following the Open House, Waste Connections posted the display boards on the landfill website allowing residents who couldn't attend the event an opportunity to see the information presented.

### Open House 2

The second Open House was held on June 28, 2016 at St. Mary's Hall in Blenheim, and was attended by 34 members of the community. The focus of this event was to review the information included in the draft ToR. Display panels provided information on:

- the future EA activities to be undertaken to define the environment;
- study areas to be used for defining the potential effects of the proposed landfill expansion;
- proposed evaluation criteria for the comparison of alternative methods (to expand the landfill) and to assess impacts; and
- the proposed consultation activities to be undertaken during the EA.

Similar to Open House 1, a large-format map was displayed on a table to allow people to look at the site and haul route in relation to their property. Eleven members of the Waste Connections Project Team were in attendance to discuss the Project and EA steps with attendees and answer questions.

Comment forms were available for attendees to identify how they heard about the event and provide their feedback on the proposed EA activities. The majority of attendees heard of the Open House through the personalized letters, while a few read about it in the newspaper. The feedback from the Open House was primarily positive. Comments received from the stakeholders and the responses can be found in **Section 3.3**.

Following the Open House, Waste Connections posted the display boards on the landfill website allowing residents who could not attend the event an opportunity to see the information presented and to provide their feedback.

## 3.2 Stakeholder Meetings

### 3.2.1 Residents/Landowners and Waste Connections Staff

As part of the initial notification of the proposed expansion, the Waste Connections Project Manager and District Manager of the Ridge Landfill personally met with on-site residents and as many adjacent neighbours as possible to discuss the Project on the day the first notice was published to ensure they knew about the proposal to expand the landfill, and to maintain good relations. Meetings were held to introduce the Project and the EA process that will be undertaken. The goal of this personalized approach was to alleviate concerns with respect to expansion timing for the three on-site residents who currently rent property and to ensure that long-time close neighbours were notified personally as opposed to reading about the Project for the first time in the newspaper. Waste Connections also hosted meetings with residents who requested to meet in-person. Comments raised at all the meetings have been included in **Section 3.3**.

Waste Connections also made a point of meeting with their waste collection and landfill staff the morning of the project announcement to give them information about the Project. In many cases, front-line staff members live in the community and also have routine interaction with the public in the course of their duties. Waste Connections felt it was important that they were fully aware of the proposed Ridge Landfill expansion and able to direct members of the public to the website and/or Project Manager for further information.

### 3.2.2 Ridge Landfill Liaison Committee

The Ridge Landfill Liaison Committee is a long-time committee that was established to provide feedback on the operation of the landfill. It was developed in response to a condition of approval of the 1997 expansion EA. The committee includes representatives from the Municipality of Chatham-Kent (staff and elected officials), public members, a representative from the Ridge Community Trust, the MOECC and Waste Connections.

While the mandate of the committee is to focus on the operation of the landfill rather than the proposed expansion, this committee has a long history with the site and thus a valuable perspective on the Project. Waste Connections met with the Ridge Landfill Liaison Committee on April 5, 2016 to inform them of plans to initiate the Project in advance of the formal announcement. The Ward 2 Councillor whose constituency includes the Ridge Landfill, was also invited and attended this meeting. The overall response from the Committee was positive. Meeting minutes are included in **Appendix E**.

Since the initiation of the Project the Ridge Landfill Liaison Committee has met six times (September 20, 2016; December 6, 2016; March 28, 2017; June 13, 2017; September 12, 2017; and December 5, 2017). At each of these meetings Waste Connections provided an update on the status of the Project. Specific comments have been included in **Section 3.3**. Waste Connections will continue to attend the meetings regularly to provide updates on the status of the Project.

### 3.2.3 Chamber of Commerce

The Waste Connections Project Manager met with the President of the Chamber of Commerce on July 27, 2016 to discuss the proposed landfill expansion. The Chamber of Commerce was also interested to know about waste diversion programs and goals to improve recycling and achieve greater segregation of recyclables in the proposed service area. The meeting included discussion on the possibility of collaboration with the Chatham-Kent community on ways to improve recycling programs, the economic significance of the Project to local businesses and involvement of the local Chamber of Commerce in responding to basic inquiries about the Project within the community. Meeting minutes are included in **Appendix E**.

### 3.2.4 Kent Federation of Agriculture

The Project team met with the Kent Federation of Agriculture (KFA) on August 9, 2016 at the University of Guelph Ridgetown Campus. An overview of the Ridge Landfill and the proposed expansion was provided via a presentation, including a discussion of the need for additional disposal capacity. An overview of the EA process was provided and the studies to be conducted during the EA phase were discussed. A key purpose of this meeting was to ensure that the KFA was aware of the Project and the associated EA process. The presentation provided to KFA and the meeting minutes are included in **Appendix E**.

### 3.2.5 Blenheim Business Improvement Association

Waste Connections met with Marc Eskritt, Chair of the Blenheim Business Improvement Association (BIA), on October 11, 2016 to discuss the details of the proposed expansion and to discuss the BIA's current mandate as well as potential partnering opportunities for tree planting in the downtown core. No concerns were raised about the expansion. The presentation provided at the meeting is included in **Appendix E**.

## 3.3 Response to Public and Stakeholder Comments

Seventeen (17) comment forms and forty-two (42)[1] other correspondence pieces (i.e., letter, email, web form), were received during the ToR development. **Table 3** provides an overview of the public and stakeholder comments received during the development of the ToR. Also included in the table is the Waste Connections response to these comments indicating how they will be considered in the EA where appropriate. Written comments received are included in **Appendix E**. Comments received following the submission of the draft ToR in June 2016, and the ToR in November 2016 can be found in later sections of this document.

[1] It is noted that the majority of the other correspondence is questions about operating hours, disposal costs and other current landfill operation questions received through the web site.

TABLE 3: SUMMARY OF PUBLIC AND STAKEHOLDER COMMENTS

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Waste Management Service*** | |
| Would like to see hazardous waste collection happen more frequently. | Waste Connections will evaluate hazardous waste collection as part of their assessment of enhanced diversion alternatives in the EA. |
| Those in rural areas don't receive residential pick-up. Would they be able to drop off waste bags and recycling, | During landfill operating hours residents can bring waste for drop-off at the landfill. Waste Connections, however, encourages residents to use one of the eight municipal transfer stations. The Chatham Kent website lists the local transfer stations. |
| Ongoing landfill operations and requests for quotes on waste disposal prices and types of waste that would be accepted including:<br>• asphalt shingles; and<br>• Demolition waste. | The Ridge has a minimum one tonne charge of $85.00. Inquiries regarding specific materials need to be directed to the landfill at (519) 676-5000. |
| ***Community Funding and Support*** | |
| A number of requests for funding were made including:<br>• funding to erecting signs for the Village of Erie Beach centennial celebration;<br>• support for a Non-Profit Hockey School/Camp;<br>• support for a men's shelter in Chatham;<br>• support for a local BMX bicycle club; and<br>• sponsorship donations on behalf of the Blenheim YBC (Youth Bowling) league. | All funding requests should be directed to the Ridge Landfill Community Trust. |
| Waste Connections is trying to make the Project more palatable by talking about the money they are investing in the community, but not mentioning the huge profits being made from the landfill. | Waste Connections is a private waste management company providing a needed community service, and as all private companies, Waste Connections is in business to make a profit.<br>Waste Connections is proud of its contribution to the Chatham-Kent community and wished to ensure that there was awareness about level of investment in the community. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Quantity and Source of Waste*** | |
| Concern that the landfill will become a burden on the community as it grows, as seen in the landfill south west of London.<br><br>Concern that landfill will start accepting too much waste if expanded. | The annual volume of waste will not increase for the planned site life and Waste Connections has no plans to receive residential waste from the City of Toronto as they own their own landfill near London. |
| Opposed to the proposed expansion of the Ridge Landfill. I believe the real reason for expansion is to serve the needs of Ontario, i.e. Toronto and the GTA as well as other large centres in southwestern Ontario where local opposition to landfill expansion closer to home is more politically charged. It is high time that Toronto/the GTA, etc. found a better solution to their garbage disposal needs than to ship it to Chatham-Kent.<br><br>C-K has more than paid its dues to benefit Toronto, the GTA etc. for several years. The Ridge Landfill should be used primarily to benefit the residents of C-K, and I oppose the proposed expansion.<br><br>The people of Chatham-Kent have done their share in waste management and it is time for other areas to step up.<br><br>Against bringing waste in from outside of Southwestern Ontario, especially from the USA.<br><br>It was noted that the community may be concerned if intention is for Ridge to accept waste from all of Ontario. | A Needs/Opportunities Assessment Report was completed and is included as a supporting document to the ToR. This report demonstrates that there will be a need for disposal capacity in southern Ontario as of approximately 2021 when the Ridge Landfill is currently expected to reach capacity.<br><br>The Ridge Landfill is currently approved to accept industrial, commercial and institutional waste from anywhere in Ontario and residential waste from the Municipality of Chatham-Kent and the surrounding Counties of Essex, Lambton, Middlesex and Elgin. As part of the proposed expansion, the proposed service area will include industrial, commercial and institutional waste from southern and central Ontario and residential waste from Chatham-Kent as the host municipality.<br><br>It is noted that the annual volume of waste the Ridge is permitted to accept is proposed to remain at 1.3 million tonnes. Waste Connections is not seeking approval to receive residential waste from the City of Toronto. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Agriculture*** | |
| C-K is an agriculturally based community. The landscape should be used for food production, not waste disposal.<br><br>High berms may cause danger to residents' fruit trees during frost season with the frosts lying in the low areas and the berm blocking the wind from flowing freely thus causing frost and damage. | Much of the Ridge Landfill Property is already recognized in the Chatham-Kent Official Plan as a waste management site and the proposed expansion of the landfill will be within the Ridge Landfill Property.<br><br>During the EA an agricultural assessment will be completed to determine the potential for the proposed expansion to impact farmland and farming in the surrounding area. Waste Connections will continue to accommodate farming on the on-site lands not being used for waste management until they are needed for landfilling. |
| Trees in the current woodlots look healthy. How is wooded area relocation proposed without destroying it?<br><br>Agricultural land in the area of proposed expansion is not good quality; as a result, landfill expansion should not be a problem.<br><br>Wildlife migrate from the woodlot on Waste Connections property to other woodlots such as wild turkey and deer. Deer drink from the pond as they migrate, the two properties work together as wildlife habitat. | As part of the EA, studies of the woodlots are required to confirm the species within the woodlots and evaluate the woodlot overall health. Some of these studies have already been undertaken. Meetings have also been held with the Ministry of Natural Resources and Forestry (MNRF) to discuss the woodlots.<br><br>It has been determined that the southwest (SW) woodlot is of low-quality and does not provide significant wildlife habitat, nor is it used by any species at risk. The southeast (SE) woodlot is considered significant wildlife habitat and habitat for species at risk. Although the preferred site development alternative has not been determined, the MNRF has indicated that the SE woodlot is permitted to be removed, as long as the area of woodlot is compensated and creates an overall benefit for the species at risk that use it. Details of compensation and other requirements would be determined in a parallel process with the MNRF.<br><br>Should the SE woodlot need to be removed as part of the preferred site development alternative, removal would occur during appropriate timing windows so as not to disrupt sensitive species. Approval would also be required from the Municipality of Chatham-Kent. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Landfill Gas and Odour*** | |
| Support for the proposal of the addition of a biogas facility.<br><br>Methane issue needs to be utilized in reusable resource.<br><br>Start collecting biogas for good use. | Waste Connections has plans for the development of a biogas facility at the Ridge to convert landfill gas into a pipeline quality natural gas. This would be the largest biogas facility in Ontario and one of the largest in North America. |
| Asked what the proposed biogas facility will look like and how much land would be needed. | The proposed biogas facility is a separate project that Waste Connections is pursuing. It would not likely be located on the landfill site and may or may not be owned by Waste Connections. It is being considered independently of the expansion to proactively address the landfill gas currently being generated at the Ridge Landfill. Should the landfill gas facility go ahead, this will be considered as part of existing conditions in the EA. Alternatively, Waste Connections will incorporate an assessment of landfill gas treatment or utilization alternatives into the EA. This will be clarified in the revised ToR. It is anticipated that the biogas facility would require approximately one acre. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| Smell is already an issue that needs to be addressed before expansion.<br><br>Concerned about increased smell with landfill expansion.<br><br>East wind seems to have odour issues.<br><br>Worried about the smell if household garbage is accepted from Southern Ontario.<br><br>Are there health risks from being downwind of the landfill and smelling the strong odours? | The following odour management controls are in place at the Ridge Landfill:<br><br>• daily covering of waste and small working area to mitigate odour;<br>• regular inspection for fissures which could allow odour to escape;<br>• leachate collection and an enclosed leachate pretreatment facility;<br>• landfill gas collection system which collects and flares gas;<br>• systems to minimize fugitive odours including a portable unit which can be moved around depending on wind conditions and direction. This system uses eco-friendly materials mixed with water to suppress odors. The system is deployed in the spring and operates through to the fall as long as night time temperatures stay above freezing; and<br>• odour complaint process as part of a broader nuisance complaint process that people can use to contact Waste Connections if they believe they smell an odour from our site. On-site wind direction and other weather related information is recorded at the time of the complaint so that current site conditions are known.<br><br>Odour is a nuisance effect and may have health impacts. Landfill gas constituents are monitored and are within compliance levels. Odour will be one of the technical studies that will be completed as part of the EA. The odour assessment will look at the existing odour management system and identify opportunities to improve the management of fugitive odours.<br><br>The landfill near London referred to in the comments is the Green Lane Landfill. This landfill is operated by the City of Toronto.<br><br>It is noted that the Blenheim Sewage Treatment Plant is managed by the Municipality of Chatham-Kent. Concerns about odour from this facility should be directed to the municipality. |
| There is already a lagoon and lots of smell. Some days the smell is bad enough you can't go outside.<br><br>Significant concerns about odour. The landfill west of London north of the 401 always smells. | |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Compensation, Property Values and Social Impact*** | |
| Level 4 compensation does not adequately take into account what it is like for residents to live close to the landfill.<br><br>Currently at level 2 compensation but expecting to move to level 1 as the landfill moves closer due to noise, dust, traffic, prevailing wind, odours, and obstruction of view.<br><br>Currently not being compensated whereas some neighbours are being compensated.<br><br>There needs to be an increase in property compensation. | Waste Connections has a history of positive relations with the Chatham-Kent community and is committed to being a good neighbor. In addition to the annual royalty payments to the Municipality of Chatham-Kent and contributions to the Ridge Landfill Trust Fund, Waste Connections provides compensation to residents living in proximity to the landfill and along the haul route. The compensation paid is based on the level of impact. Once the EA for the proposed expansion is complete, Waste Connections will review the existing compensation agreements. |
| How will the expansion effect property values?<br><br>Now that our properties will be at the landfill's doorstep, we expect that these properties will now be protected. When these changes occur, we would like to be notified in writing. | Property value questions are valid and legitimate concerns for any landowner. There is a Property Protection Program in place that Waste Connections will re-assess based on the results of the EA for the proposed expansion. |
| Social impact on homes and businesses nearest to the landfill and a loss of enjoyment of property.<br><br>Home/farm has been here since 1881. Fear that children will no longer want to continue the family farm due to the proximity of the landfill.<br><br>Concerned that moving landfill closer may decrease business. | One component of the EA will be a social economic assessment. This work will look at the potential for the expansion to negatively impact local residents, change their enjoyment of their property, and potential impact/disruption to businesses off-site. |
| Concerns regarding increasing noise with the expansion. | Social economic assessment will work closely with other disciplines including air, noise, dust and visual to identify and mitigate potential impacts. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Groundwater and Surface Water*** | |
| Worried about household well, and groundwater contamination.<br><br>Who is going to monitor groundwater for contamination?<br><br>The landfill should pay for municipal water to the site.<br><br>The landfill should pay for the waterline to the people on middle-line. | The Ridge Landfill has an environmental management system in place that follows stringent Ministry of Environment and Climate Change regulations. Annual independent groundwater and surface water monitoring is undertaken with reports submitted to the MOECC.<br><br>The current facility has been designed, built and is operated to contain and collect the leachate generated (water either from rain or decomposition that percolates through the waste) in order to protect groundwater. The thick clay till that underlies the site provides a natural liner protecting the groundwater.<br><br>The leachate that drains through the landfill is collected and treated at the municipal treatment plant to standards approved by the MOECC. The Ministry is updated annually on the operation of our leachate collection system. As part of the EA, Waste Connections will review the capacity of the existing off-site forcemain and the Blenheim Wastewater Treatment Plant (Blenheim WWTP) for managing leachate and consider other reasonable long term leachate treatment alternatives as part of the impact assessment for the preferred site development alternative.<br><br>An assessment of the potential for groundwater impacts as a result of the proposed expansion will be an important part of the EA. This work will look at existing groundwater information, complete additional testing in areas where limited data exists and model potential groundwater impacts. Measures to mitigate potential impacts and contingency plans to address issues such as the potential for impact to drinking water will be proposed in the EA. |
| Flooding is a problem during the spring. Don't see where all the snow melt is going to go if site is expanded. | Currently there is a flood control facility at the site to manage spring melt conditions. The EA will look at the potential for the proposed expansion to impact drainage. |
| ***Traffic and Airport*** | |
| The steady stream of large tractor-trailers hauling waste to C-K is impacting the traffic congestion on Hwy 401. This | Currently there are approximately 200 waste haul trucks and small trailers per day that |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| happens all year around, regardless of weather, and increases traffic hazards. It also increases the rate of deterioration of the road surface of Hwy 401, resulting in more maintenance costs. It also requires substantial fuel costs for all of that transport traffic. | come to the Ridge Landfill. These trucks come from a number of different locations.<br><br>With the proposed expansion, the amount of waste the site can accept each year will not change so the volume of waste disposal traffic coming to the site will remain similar to what is experienced today. In the EA, Connections will look at enhanced diversion alternatives which could result in some additional traffic to the Ridge Landfill Property. During the EA a transportation study will be undertaken to assess potential impact associated with transportation on the haul route (i.e. from Highway 401 to the site) and to develop measures to mitigate impacts. Highway 401 is designed to handle the transportation of goods and materials and the traffic associated with Ridge Landfill is a small fraction of the total traffic on the highway. |
| Noise and truck traffic along the haul route is already a current issue and the speed limit for non-truck traffic.<br><br>How will this expansion affect the local traffic patterns? | There will be no increase in the amount of waste disposal traffic to and from the site as the amount of waste Waste Connections is currently permitted to accept at the Ridge Landfill will not change following the proposed expansion. With the proposed expansion it is intended that the current haul route remain in place. In the EA, Waste Connections will look at enhanced diversion alternatives which could result in some additional traffic to the Ridge Landfill Property. |
| Road maintenance on haul route due to slime and mud. | Waste Connections has two sweepers and two water trucks that are used to sweep and clean the roads during and after storm events, and clean up sporadic mud drop events from the trucks where they may arise along the designated haul route. |
| Request that arterial roads (Allison Line between Lagoon and Erieau) to the landfill are hard surfaced for convenience and safety. Is a main artery between Blenheim and the landfill for our curbside trucks. | This road is not part of the designated haul route. This is a municipal responsibility. |
| Concerned about height of landfill in relation to the airport. | The landfill height is restricted to 241.3 metres above sea level (masl) due to the proximity of the site to the Chatham airport. Sections of the West Landfill are at the maximum allowable height. The proposed expansion will stay within the maximum height allowed for the airport. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| ***Increase Diversion*** | |
| Reduction of waste is the solution not expansion.<br><br>Implement a stricter recycling program; don't accept waste that is not recycled. | As a private company Waste Connections does not have authority to require its customers to reduce, reuse or recycle. Waste Connections does however work with its customers to encourage and assist them in increasing the quantity of waste they recycle. Ridge only accepts residual waste, following waste diversion processes.<br><br>The Ridge Landfill also accepts residual waste materials from many other independent Ontario companies. Waste materials being received at the landfill are continually monitored and for those materials identified and considered recoverable, further discussion with generators occurs to encourage at-source separation and identify opportunities for direct transport to recycling/organic waste recovery facilities. Where possible, the identified materials are also diverted from landfill disposal to a designated area at the landfill for further material segregation.<br><br>Waste Connections is committed to assisting the province in meeting its diversion goals and opportunities for Waste Connections to enhance its existing waste diversion activities, either at source, at the Ridge or elsewhere in Waste Connections' integrated system will be examined further in the environmental assessment.<br><br>It is noted that while the provincial Waste-Free Ontario Act promotes a reduction in the amount of waste generated and disposed of, it also recognizes the ongoing need for disposal as the population of Ontario increases. |
| ***Other Comments*** | |
| Add vegetation to the berms to break the wind and prevent garbage from blowing out.<br><br>Concerned regarding blowing garbage that ends up in residents' fields and equipment despite of the current cleaning efforts at the Ridge Landfill.<br><br>Cover and seal the garbage. | Each day, cover material is placed on the active landfill area to reduce dust, odour and litter. Once a section of the landfill is completed a final cover is put over the waste. This represents best practice in landfill operation and would continue with the proposed expansion.<br><br>The EA will determine the potential for negative impacts from the proposed expansion including potential impacts such as litter and visual impacts. To minimize these impacts, |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| Was listed as supportive of berm. This is incorrect. Berms do not make a difference unless you are right beside the landfill. | mitigation will be proposed which could include planting vegetation on berms. |
| Concerned about the view from our property. | Visual impact assessment will be conducted as part of the EA study which will identify and assess potential areas of impact. Landscape plans/visualization will be developed to provide screening to minimize visual impact from the proposed expansion. |
| Have lived beside the landfill since its creation and have had no complaints and built a good relationship and hope to continue this in the future. | Waste Connections strives to be a good neighbour, and appreciates the comment. |
| Asked about potential to 'give land back' to the community at time of site closure. | There are situations where lands associated with closed landfills have been repurposed to provide a beneficial use to the community. The opportunity to accomplish this at the Ridge Landfill can be considered during preparation of a closure plan. It is noted that this would happen once landfilling at the site had ceased. |
| Requests regarding employment opportunities were received. | Specific inquiries related to employment are addressed on a case by case basis and available positions. To view current availabilities, please visit: http://www.progressivewaste.com/en/company/careers |

# 4.0 Indigenous Communities Consultation

Consultation with Indigenous Communities is an important part of conducting an EA. Engagement with First Nations and Métis provides an avenue to understand their perspectives regarding the Project. Waste Connections can then incorporate their issues and concerns into the EA and work with Indigenous Communities to find ways to avoid or mitigate issues.

## 4.1 Potentially Interested Indigenous Communities

During the ToR development, Waste Connections worked with the MOECC to identify Indigenous Communities that may have a territorial interest in the Ridge Landfill. The environmental screening process in 2011 provided an initial list of Indigenous Community contacts. This initial contact list was vetted through the MOECC and a final list was established. The Indigenous Communities contacted as part of the proposed Ridge Landfill Expansion ToR include:

- Caldwell First Nations;
- Chiefs of Ontario;
- Chippewas of the Thames First Nation;
- Moravian of the Thames;
- Munsee-Delaware Nation;
- Oneida Nation of the Thames;
- Walpole Island First Nation;
- Kettle and Stony Point First Nation
- Métis Nation of Ontario; and
- Aamjiwnaang First Nation.

These Indigenous Communities and organizations will continue to be engaged during the EA and the MOECC will be consulted during the EA for any updates to this list.

## 4.2 Correspondence with Indigenous Communities

In recognition of the special interests associated with Indigenous Communities, Waste Connections retained Counsel Public Affairs Inc., specifically Mr. John Beaucage, a well-respected First Nation leader to lead the engagement process. There were five points of contact with the above noted Indigenous Communities during the course of the ToR development. In each of the above instances, a letter was mailed to the community followed by an email with an attached letter. Letters and emails were sent so that the Chiefs of the Indigenous Communities received notice of public Open Houses before

announcements were made through the local media. The following explains each point of contact; letters are included in **Appendix F**.

- April 7, 2016 – Introductory letters were sent to the Chiefs of each of the Indigenous Communities. These letters were distributed in advance of the Project's formal announcement to inform them of the upcoming announcement and offer to meet.
- April 18, 2016 – A second letter was distributed to inform Indigenous Communities of the formal announcement of the Project and outline the EA process.
- May 11, 2016 – A third letter was distributed to inform Indigenous Communities of the results of the first Open House, and make them aware of the date of the second Open House.
- June 16, 2016 – A letter was distributed to inform the Indigenous Communities of the second Open House and availability of the draft ToR for public review.
- November 14, 2016 – A Notice of Submission was distributed.
- September 11, 2017 – A letter was distributed notifying Indigenous Communities of the voluntary withdrawal of the Terms of Reference.
- January 2, 2018 – A Notice of Submission for the December 2017 Terms of Reference was distributed to the Indigenous Communities notifying them of the formal review period.

The letters requested the communities to contact John Beaucage if they wanted an in-person meeting. John Beaucage personally contacted Walpole Island and Caldwell First Nation by telephone when they expressed interest in meeting. In total there were two phone conversations with the Administrative Assistant at Caldwell First Nation, and two phone conversations with Dr. Dean Jacobs at Walpole Island First Nation. Meetings were held with the Caldwell First Nation and Walpole Island First Nation as follows:

- June 27, 2016 meeting with Caldwell First Nations: An overview of the Project was provided. The Caldwell First Nation and Waste Connections discussed the stormwater management facility that would be sized during detailed design phase of the Project including the controlled runoff of surface water into five ponds and the treatment of water prior to release. Potential sponsorship and employment opportunities for Caldwell citizens were also discussed. Interest was expressed in a tour of the Ridge Landfill. Follow-up contact was made regarding the tour.
- June 28, 2016 meeting with Walpole Island First Nation (WIFN): An overview of the Project was provided. WIFN emphasized the importance of maintaining hunting and fishing rights, as well as their interest in having a partnership role in the Project. WIFN noted that they have some in-house data that could be used to assess potential impacts from the Project. A representative from the WIFN attended the second Open House on June 28, 2016.

Meeting minutes from the above meetings can be found in **Appendix F**.

## 4.3 Response to Indigenous Communities Comments

During the Project team's meetings with the communities in the area, our talks were cordial and productive, and no assertion of claim was raised during any discussions.

In addition to the meetings with Walpole Island and Caldwell First Nations noted above, there was only one comment received leading up to the submission of the November 2016 ToR. The Chippewas of the Thames First Nation identified no concerns and want to be informed if there are any substantive changes to the Project. The letter received can be found in **Appendix F**. Comments received following the submission of the draft ToR in June 2016, and the ToR in November 2016 can be found in later sections of this document.

# 5.0 Agency Consultation

Throughout the ToR development, regulatory, local and other agencies were invited to participate and provide comments. Waste Connections reached out to key agencies to solicit their input where appropriate. The objectives of consultation with agencies was to inform them of the Project, understand their issues and obtain their feedback on the data collection, evaluation and assessment steps proposed for inclusion in the EA. As noted in **Section 2.1**, local, provincial and federal agencies were included on the Project contact list and received all Project notices.

## 5.1 Municipal and Agency Meetings

Waste Connections proactively set up meetings with the Municipality of Chatham-Kent and local, provincial and federal agencies that were expected to have an interest in the Project and who may have important information related to completion of the EA. The following sections document the meetings that were held during the development of the November ToR. Specific comments raised at these meetings can be found in **Section 5.1** and meeting minutes are included in **Appendix G**.

### 5.1.1 Ministry of Environment and Climate Change

The Project Team met with the MOECC at their Toronto office on December 16, 2015, June 6, 2016 and September 27, 2016. The first meeting included MOECC representatives from the EA Branch and the District. An overview of the Ridge Landfill and the proposed expansion was provided, including a discussion of the need for additional disposal capacity. The key purpose of this meeting was to ensure that the MOECC understood the rationale for the proposed approach for the ToR, specifically Waste Connections' intention to submit a focused ToR. Waste Connections also reached out to the MOECC for guidance on stakeholder consultation as this was one of the top priorities of the Project Team. A second meeting was held on June 6, 2016 to update MOECC on the status of the ToR development and the timing of the release of the draft ToR for review. This meeting included representatives from the EA Branch. Discussions with MOECC staff were also held in person on September 27th and by phone on October 17th to discuss specific comments on the draft ToR.

### 5.1.2 Municipality of Chatham-Kent

Waste Connections provides waste management services to the Municipality of Chatham-Kent and over the years has developed a very strong relationship with the Municipality. As such, Waste Connections set up an advance meeting with members of the municipal Engineering and Planning Departments to discuss the proposed expansion and the Project announcement. The meeting with the Municipality was held on March 30, 2016.

An advance meeting was also held with the Mayor of the Municipality on March 30, 2016 to ensure he was aware of the Project and informed of Waste Connections' intentions for the future of the Ridge

Landfill and commitment to a continued good relationship with the municipality and landfill neighbours. This meeting was also held on March 30, 2016.

Waste Connections has also met informally with local councillors including the Ward 2 Councilor where the landfill is located. Local councillors are also on the Ridge Community Liaison Committee which is kept up to date on the Project.

A meeting was held on October 6th, 2016 with staff from the Municipality's Planning Department to confirm amendments to the Official Plan and Zoning by-law that may be required and to discuss timing.

### 5.1.3 Lower Thames Valley Conservation Authority

The Project Team met with the Lower Thames Valley Conservation Authority (LTVCA) on March 30, 2016 at their office in Chatham, Ontario. The purpose of the meeting was to introduce the Project, discuss the Ridge Landfill site and go over the proposed expansion and EA work. LTVCA's main interest in the Project will be the stormwater management system.

### 5.1.4 Ministry of Natural Resources and Forestry

The Project Team initially met with the Ministry of Natural Resources and Forestry (MNRF) at their office in Aylmer, Ontario on April 5, 2016. The focus of discussion at this meeting related to the existing on-site woodlots. With the proposed expansion it is anticipated that one or both of the SE and SW woodlots may be removed. The team met with the MNRF to obtain input on the studies that would be required during the EA to assess the habitat within these woodlots and MNRF's expectations regarding compensation should the woodlots be removed.

A second meeting with MNRF was held on September 8, 2016 in their Aylmer office. The purpose of the meeting was to review the results of environmental field work, including acoustic bat detection surveys. The MNRF agreed with the results of the survey, that the SW woodlot is not considered significant wildlife habitat, nor does it provide habitat for species at risk, and that the SE woodlots provides habitat for species at risk bats, and is also considered significant wildlife habitat.

Should removal of the SE woodlot be required based on the preferred site development alternative, Waste Connections would need to apply for an overall benefit permit under the *Endangered Species Act, 2007* prior to removal. The conditions of the permit would be determined in a separate parallel process with the MNRF. Other approvals (e.g., *Planning Act* approvals for Official Plan or Zoning By-law amendments would need to be in place prior to MNRF's issuance of the permit).

### 5.1.5 Chatham-Kent Municipal Airport and Transport Canada

The Project Team met with the Chatham-Kent Municipal Airport Manager and Municipality of Chatham-Kent staff who oversee the airport on May 12, 2016. The existing Ridge Landfill site is within 800 metres of the airport and the two facilities have co-existed for over 25 years. The main concern associated with the airport relates to birds and nuisance wildlife that could come into contact with aircraft. As the proposed expansion is moving away from the airport, it was identified to be of limited concern assuming

existing bird management practices are continued. Airport staff indicated that they would prefer to see any necessary woodlot compensation areas as far away from the airport as possible. The proposed expansion would require an extension to the existing Transport Canada zoning exemption. The Chatham-Kent Airport Manager and the Project Team have reached out to Transport Canada to obtain their input on the Project and confirm the requirements to get an extension to the current exemption.

## 5.2 Response to Agency Comments

**Table 4** provides an overview of the agency comments received during the development of the ToR. Also included in the table is Waste Connections' response to these comments identifying how they will be considered in the EA. Comments received following the submission of the draft ToR in June 2016, and the ToR in November 2016 can be found in later sections of this document.

TABLE 4: SUMMARY OF AGENCY COMMENTS

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| **Ministry of the Environment and Climate Change (MOECC)** | |
| MOECC agreed to review and confirm the list of Indigenous Communities. | Waste Connections used the list of Indigenous Communities as confirmed by MOECC as the basis for contact during the ToR development. |
| MOECC noted that they expect diversion to be considered in the alternative methods evaluation. | Waste Connections is committed to assisting the province in meeting its diversion goals and opportunities for Waste Connections to enhance its existing waste diversion activities, either at source, at the Ridge or elsewhere in Waste Connections' integrated system will be examined further in the environmental assessment. |
| The MOECC indicated that new climate change guidance would be issued in the spring of 2016. It was suggested that the EA should address how climate change will impact the Project as well as how the Project may impact climate change. | Waste Connections will address climate change in the EA, both in how the landfill will minimize the release of greenhouse gases and how the landfill design will adapt to changing climate conditions. See **Section 2.2** of the ToR. |
| MOECC to provide updated Government Review Team (GRT) List – Waste Connections to notify MOECC prior to publishing the Notice of Commencement to ensure GRT is correct. | Waste Connections used the updated list as the basis for GRT contact during the ToR development. |
| It was suggested that landfill mining be considered in the EA. | Waste Connections intends to consider landfill mining as part of site development alternative methods. See **Section 5.2** of the ToR. |
| The evaluation of alternatives should demonstrate consideration of various factors (not just cost), including social, heritage, and natural environment criteria. | Proposed evaluation criteria consider all aspects of the environment when evaluating site development alternative methods. See **Section 5.2** of the ToR. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| MOECC recommended the following be considered in the ToR<br>• how stakeholders will be engaged in the Project;<br>• discussion on how the ToR was modified based on feedback from stakeholders; and<br>• include a summary of the work plans for each environmental component (i.e., air) to define the studies that will be completed, timing, testing, how the results will be reviewed, etc. | See **Section 6.0** of the ToR for a description of stakeholder engagement. See **Appendix A** of the Terms of Reference for workplans. |
| **Lower Thames Valley Conservation Authority (LTVCA)** | |
| Due to potential for relocation of the Howard Drain; LTVCA would like to know if the Scott Drain can handle the additional capacity. | Potential impacts from relocating the Howard Drain to the Scott Drain will be included in the EA. |
| Interested in potential windbreak around the property across Erieau Road. | Berms are being considered to reduce visual impacts and may also provide a wind break. |
| LTVCA's main interest in the Ridge Landfill Expansion will be the stormwater system. | Waste Connections will continue to liaise with the LTVCA during the EA on matters related to stormwater and drainage. |
| It was noted that the CA is no longer an acting agent of DFO and the Waste Connections would need to do an online review process. | Waste Connections has reached out to DFO and will continue to liaise with them during the EA. |
| Waste Connections proposed to plant the north woodland potentially starting in spring 2017. LTVCA is willing to help with the tree planting, including applying for grant programs if available. It was noted that there is also an opportunity for Waste Connections to support other LTVCA planting projects. (i.e. at the SW corner of Hwy 40 and Hwy 401). | Waste Connections will continue to liaise with the LTVCA on tree planting. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| **Municipality of Chatham-Kent (CK)** | |
| The need for the proposed expansion was discussed along with the Chatham-Kent Official Plan requirement to demonstrate that the current facility is within 10 years of the expected site life. | It was confirmed that the ToR will include a demonstration of the need/opportunity for additional capacity. See **Section 3.2** of the ToR. |
| Waste Connections noted that the MOECC is interested in higher diversion in the province and that the Project will consider further diversion opportunities with C-K. | Waste Connections is committed to assisting the province in meeting its diversion goals and opportunities for Waste Connections to enhance its existing waste diversion activities, either at source, at the Ridge or elsewhere in Waste Connections' integrated system will be examined further in the environmental assessment. |
| Planning Approvals - The proposed expansion will require Planning Act approval as some of the expanded site is outside of the area zoned for landfill. Once the preferred site development alternative is known for the expansion, the Planning Act process can be initiated. The application can be put forward once the EA is submitted to MOECC. Chatham-Kent planning staff indicated that public meetings required for the Planning Act can be held at the same time as the EA public meetings. | During the EA, the Waste Connections will continue to liaise with the Municipality of Chatham-Kent to confirm land use approval requirements for the Project along with appropriate timing and consultation coordination. |
| Chatham Airport – Waste Connections indicated that there will be discussions with Transport Canada (TC) regarding the airport zoning exemption. It was noted that TC is mainly concerned with meeting height limits and bird control. | Waste Connections has followed-up with both TC and the Chatham-Kent airport manager. |
| Woodlands – If an OPA for woodland removal is needed, CK would like to fully understand the rationale for tree removal and whether compensation is planned. It was noted that meetings with MNRF have been held about the woodlot and specific studies completed as well as compensation plans would be required as part of the complete application for amendment. It was noted that clarification has been received from MNRF that approval/approval in principle for OPA and zoning changes will be required before MNRF will consider issuing any Endangered | Waste Connections agree to provide studies completed on the on-site woodlots at the appropriate time. |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| Species Act (ESA) permits. | |
| Consultation – The consultation program was discussed and meeting participants reinforced the importance of making sure the Mayor and councilors were kept informed of the Project. | Mayor and councillors were notified of the Project immediately prior to the formal public announcement to ensure they had the information needed to advise their constituents. |
| **Ministry of Natural Resources and Forestry (MNRF)** | |
| MNRF indicated that it is the municipality's responsibility to determine significant wildlife habitat. MNRF will provide technical advice and recommendations for demonstrating no impacts.<br><br>MNRF would specifically comment on ESA and wetland features if they exist on-site as well as providing technical advice on other natural features. MNRF noted that there is no regulated habitat on site. | Studies will be undertaken during the EA to characterize the natural environment conditions on site and in the vicinity. This information will be used to assess the potential impact of the proposed expansion on the natural environment. It is noted that there are no ESAs or wetlands on-site. |
| MNRF indicated that Waste Connections needs to make sure consideration given to the form and function of features being removed and that this form and function is incorporated where features are recreated. | Waste Connections will consider the form and function of natural features during the EA. |
| MNRF noted that Amphibian breeding occurs in April/May. | This timing will be considered in the undertaking of field work and in the determination of the potential for impacts associated with the proposed expansion. |
| The swampy area noted on-site may require additional evaluation to determine whether it should be considered a wetland according to MNRF protocol. | The potential need for a wetland evaluation will be considered during the EA. |
| Regarding hedgerow removal MNRF indicated that the requirements depend on the hedgerow structure and whether there are trees with potential habitats. | Waste Connections will appropriately consider hedgerows in the evaluation of alternatives and the impact assessment to be completed during the EA. |
| The number of stations for bat monitoring was discussed to confirm the field | Waste Connections will continue to use best practices and MNRF |

| Comments and Concerns Received | Consideration of Comments and Concerns |
|---|---|
| protocol. Subsequent to the meeting MNRF confirmed the number of monitoring stations required. | guidelines and requirements for conducting field work. |
| **Chatham-Kent Municipal Airport** | |
| No concerns raised regarding extending the Transport Canada zoning exemption as long as we maintain the height restriction. | Waste Connections will continue to reach out directly to Transport Canada. |
| The key concern regarding the landfill's proximity to the airport relates to the potential for birds to come into contact with aircraft. It was expressed that they would prefer to see any necessary woodlot compensation as far away from the airport as possible. | Waste Connections will continue discussions with agencies on potential woodlot enhancement. |
| **Ministry of Transportation, West Region** | |
| Information about the Project is being circulated within MTO and comments will be sent. A date for providing comments was requested. | MTO had the opportunity to comment on the draft and final ToR. When documents are distributed for comment a clear indication of the due date for comments will be provided. |
| **Canadian Environmental Assessment Agency** | |
| Based on the information provided this Project does not appear to be described in the Regulations. Requested that the Canadian Environmental Assessment Agency be removed from the distribution list. | Confirmed applicability of regulations to the Project and agree that the Project is not subject to a federal environmental assessment. Removed from distribution list. |

# 6.0 Consultation on the Draft Terms of Reference

The draft ToR and supporting documentation were made available over 30 days for review by the public and government agencies from June 28, 2016 to July 28, 2016. A notice identifying the opportunity to review the draft ToR and associated documents was published along with the notice of the second Open House. The notice was distributed to those on the Project contact list with an accompanying letter inviting them to review the document and provide comments to Waste Connections. The letter and notice can be found in **Appendix A**.

The draft ToR and supporting documentation were posted on the landfill website and available at the second Open House. In total, twenty (20) draft ToR copies were downloaded from the website. Review copies were made available at the locations specified in **Table 5**.

**TABLE 5: LOCATIONS FOR PUBLIC REVIEW**

| | |
|---|---|
| Ministry of the Environment and Climate Change, Environmental Assessment and Approvals Branch<br><br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 1-800-461-6290/ 416-314-8001<br>Monday to Friday: 8:30am – 5:00pm | Ministry of the Environment and Climate Change<br>Windsor Area Office<br><br>4510 Rhodes Dr., Unit 620<br>Windsor, ON, N8W 5K5<br>Tel: 519-948-1464<br>Monday to Friday: 8:30am – 4:30pm |
| Chatham Branch, Chatham-Kent Public Library<br><br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm; Friday: 9:30am – 6:00pm;<br>Saturday: 9:30am – 5:00pm | Blenheim Branch, Chatham-Kent Public Library<br><br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519-676-3174<br>Tuesday and Thursday: 12:00pm-8:00pm,<br>Wednesday and Friday: 10:00am – 3:00pm;<br>Saturday: 12:00pm- 4:00pm |
| Municipality of Chatham-Kent Civic Centre<br><br>315 King St W.<br>Chatham, ON, N7M 1E9<br>Tel: 519-360-1998<br>Monday to Friday: 8:30am – 5:00pm | Online at the Ridge Landfill Website:<br>www.ridgelandfill.com |

A downloadable link of the draft ToR and supporting documents was sent by email to staff from provincial, municipal and federal agency contacts on the Project contact list. A follow-up email was sent during the review period to remind those stakeholders to provide their input.

Written comments received on the draft ToR are as follows:

- Chatham-Kent responded on July 26, 2016 stating that they had no comments at this stage of the process.
- Lower Thames Valley Conservation Authority responded on July 27, 2016 stating that the draft ToR seemed accurate and they had no comments at this point.
- MOECC provided comments from various reviewers including noise, surface water, groundwater, air quality, and waste, as well as comments from the EA reviewer.

During the review period meetings were held with MOECC to clarify comments received. Key changes made to the ToR in response to the comments received are described below in **Table 6**. Complete comment and response tables are available in **Appendix H**.

TABLE 6: SUMMARY OF KEY CHANGES TO THE DRAFT TERMS OF REFERENCE

| Summary of Changes to Draft ToR | |
|---|---|
| **Section** | **Major Amendments** |
| Executive Summary, Section 1 | It was clarified that the expansion was fully encompassed within land owned by Waste Connections and would not result in further land acquisition. The size of the Waste Connections property relative to the current Waste Fill Area and proposed expansion area were also clarified. |
| Section 2 - Addressing Relevant Provincial Legislation, Plans and Strategies | Clarification was added to confirm that consideration will be given to both climate change mitigation and adaptation. A new subsection related to provincial land use planning policy was added. |
| Section 2 - Flexibility of the Terms of Reference | A statement was added to reflect that the information presented in the ToR is preliminary and will be confirmed during the preparation of the EA in consultation with the public, Indigenous communities and the government. |
| Section 3 - Purpose of the Project | A statement was added to reflect that final description of the proposed Undertaking and the rationale for the Project will be confirmed as part of the EA. |
| Section 3 - Residential Service Area | Text was added to clarify that the annual fill rate is proposed to remain at its current 1.3 million tonnes even with an expansion to the residential service area to all of Ontario.[2] |

[2] It is noted that the December 2017 ToR includes a residential service area for Chatham-Kent only.

| Summary of Changes to Draft ToR | |
|---|---|
| Section 3 – Establishing Need | Additional text was added to the ToR to clarify that the need for the Project included Waste Connections' business need to continue service to their customers in addition to the need for long-term disposal capacity. It recognized in the ToR that diversion resulting from the *Waste-Free Ontario Act* will influence the need for disposal. |
| Section 4 - Description of the Environment | A new section was added to provide information on the technical studies that will be undertaken in the EA to create a more detailed description of the environment. It was also clarified that the final detailed description of existing conditions will be provided in the EA.<br><br>Text was added to clarify that the EA will consider the cumulative environmental effects of existing and planned future undertakings. |
| Section 4 – Consideration of Past and Future Undertakings | Text was added to clarify that the EA will consider past and future undertakings when determining the potential for environmental effects of this Project. |
| Section 4 - Biology | Text was added to the ToR to acknowledge that there is low forest cover in Chatham-Kent. |
| Section 4 – Land Use | Text was added to the ToR to document the policies in the Chatham-Kent Official Plan that relate to landfilling and potential expansion. |
| Section 4 & Appendix A- Surface Water | The ToR was adjusted to appropriately reflect the drains that receive flows from the Ridge Landfill. It was clarified that EA investigations will include water quality, quantity and habitat considerations including a benthic community inventory. Clarification was also provided that surface water quality investigations will be undertaken on drains that transect the site. |
| Section 4 & Appendix A- Noise | Text was added to clarify the documents that will guide the noise assessment. |
| Section 4 & Appendix A - Hydrogeology | The ToR was revised to provide clarity on the overall objective of the hydrogeological assessment. |
| Section 5 & Appendix A – Design and Operations | The technical work plan summary was revised to clarify that storm water and site traffic management will be included in the Design and Operations plan. |
| Section 5 – Alternatives to the Undertaking | This section was revised to consider the full definition of the environment through a comparative evaluation of Alternatives to. |

| Summary of Changes to Draft ToR | |
|---|---|
| Section 5 - Alternative Methods Evaluation Criteria | In the Draft ToR criteria for the evaluation of Alternative Methods only included those that would help distinguish a difference between alternatives. The preliminary draft criteria tables were revised to ensure they reflect all aspects of the environment and indicators were added. |
| Section 5 – Enhanced Diversion | It was clarified that the enhanced diversion alternatives to be considered reflected system alternatives and thus would not result in a determination of specific facilities.[3] |
| Section 5 – Leachate Management | An assessment of the existing leachate management system, including the Blenheim Waste Water Treatment Plant and associated piping, to confirm sufficient capacity for leachate management from an expanded landfill has been added. |
| Section 6 - Indigenous Community Treaty Rights | Text was added confirming that the Project falls within the McKee Treaty (1790) and all claims by area First Nations have either been dealt with or have been surrendered at the time of treaty signing. |
| Section 7 - Commitments and Monitoring | Section 7 of the ToR was amended to add the following commitments:<br>• Ongoing consultation Indigenous Communities and agencies.<br>• Provide minimum of 45 days review and comment period for public, Indigenous communities and agencies once the draft EA document is prepared.<br>• Documentation of all correspondence and input received. |

[3] The detail on enhanced diversion system alternative methods has been removed from the December 2017 ToR. However, it is noted that the December 2017 ToR includes a commitment by Waste Connections examine opportunities to enhance its existing waste diversion activities, either at source, at the Ridge or elsewhere in Waste Connections' integrated system in the environmental assessment.

# 7.0 Terms of Reference Submission

As described throughout this report, a combination of public, stakeholder, Indigenous Communities, and agency input was used to assist the Project Team in preparing the ToR for the Project. The Terms of Reference was submitted to MOECC in November of 2016.

The review period for the ToR was from November 18, 2016 to December 18, 2016. Notice of Submission of the ToR notifying people of the availability of the document for review appeared in local papers on November 16th and 17th (please refer to **Table 1** for the list of newspapers). Letters and emails were sent to all on the contact list for the Project to advise them of the submission. The Notice of Submission and associated cover letters can be found in **Appendix A**.

Copies of the ToR were made available for the public review both electronically on the landfill website and in hard copy in various community locations as shown in **Table 5**.

During the formal 30 day review period for the ToR, comments were received from the Ministry of Environment and Climate Change, Ministry of Natural Resources, Ministry of Transportation, Walpole Island First Nation[4], Aamjiwnaang First Nation and two members of the public. Generally comments received relate to the EA for the project and will be taken into consideration at that time. Waste Connections responded to the comments received as shown in the tables in **Appendix I**.

Subsequent to the completion of the review period, Waste Connections made revisions and submitted an amended ToR in February 2017.

[4] Subsequent to the 30 day review period emails have been exchanged between Waste Connections and Walpole Island First Nations as follows: February 2017 emails regarding an appropriate approach for WIFN to provide review and input related to Species at Risk, April 2017 emails regarding WIFN participation in biological field studies, August 2017 emails regarding WIFN review of the Archaeological report.

# 8.0 New Terms of Reference Submission

In the summer of 2017, Waste Connections voluntarily withdrew the ToR to work with the MOECC to develop this new ToR to better reflect the government's new *Strategy for a Waste Free Ontario – Building a Circular Economy* (February 2017). Meetings were held on June xx 2017 Over the summer and fall a number of meetings were held with the MOECC to confirm the changes required to the ToR. Minutes meetings held on June 13, 2017 June 21, 2017, December 6, 2017 and December 12, 2017 are included in **Appendix G**.

The review period for this new ToR is from January 5, 2018 to February 4, 2018. As was done previously, the Notice of Submission of the ToR appeared in local newspapers (please refer to **Table 1** for the list of newspapers) and letters and emails were distributed to those on the contact list to advise them of the opportunity to review the document. The letters provided a brief explanation of the key differences between this new ToR and the previously submitted ToR. The Notice of Submission and associated letters can be found in **Appendix A**.

Copies of the ToR were made available for the public review both electronically on the landfill website and in hard copy in various community locations as shown in **Table 5**.

This new ToR has been revised to better align with the waste management vision for the province and to address comment raised by MOECC. **Table 7** provides a summary of key changes incorporated into this new ToR to address MOECC comments. Comments received from MOECC and Waste Connections' responses can be found in tables in **Appendix I**.

If the ToR is approved by the MOECC, the Project Team will proceed with the EA preparation. The Consultation Plan for the EA is provided in Section 6 of the ToR.

**TABLE 7: KEY CHANGES REFLECTED IN THE DECEMBER 2017 TERMS OF REFERENCE**

| Key Changes |
|---|
| Additional detail has been provided to clarify the business opportunity that Waste Connections is fulfilling with the proposed expansion. This includes providing additional rationale for the annual capacity of 1.3 million tonnes.<br><br>The service area for IC&I waste was reduced from the current service area of all on Ontario to southern and central Ontario. |
| The service area for residential waste was reduced from the current service area of Municipality of Chatham-Kent and the surrounding five Counties, to the Municipality of Chatham-Kent only.<br><br>The alternatives to the undertaking as outlined in Supporting Document #2 have been refined. |

| Key Changes |
| --- |
| Specific alternative methods to enhance waste diversion will not be considered as part of the EA; however, Waste Connections has committed to assisting the province in meeting its diversion goals, and opportunities for Waste Connections to enhance its existing waste diversion activities, either at source, at the Ridge or elsewhere in Waste Connections' integrated system will be examined further in the environmental assessment.<br><br>Text was amended to clarify that the final description of the proposed undertaking, and rationale for the Project will be confirmed in the EA once alternatives have been considered and evaluated. |
| Text was added to clarify that the timing for the development of a biogas facility has not been confirmed. It has also been clarified that this facility would not likely be located on the landfill site and may or may not be owned by Waste Connections and is being considered independently of the expansion of the landfill to proactively address the landfill gas currently being generated at the Ridge Landfill. Waste Connections will incorporate an assessment of landfill gas treatment or utilization alternatives for the expansion into the EA. |
| Additional text was added to reflect that the Ridge Landfill is within the Traditional Territory of the Indigenous Communities noted as part of the study and that these Indigenous Communities have Traditional Territory rights that can be asserted. |
| Text was added to confirm that as part of the EA, Waste Connections will review the capacity of the existing off-site forcemain and the Blenheim Wastewater Treatment Plant (Blenheim WWTP) for managing leachate including assessing other reasonable long term leachate treatment alternatives. |
| Additional detail was added to explain how cumulative effects would be assessed. |
| Additional detail was added to confirm how the EA will consider contaminating lifespan. |
| The EA work plan for Air Quality was revised to include a qualitative analysis of potential odours and operational changes in greenhouse gases associated with site development alternatives. |

# Appendix A

## *Notices during Terms of Reference*

## Summary of Project Contact List

Landowners within 1 km of the site and along the haul route

Ridge Landfill Liaison Committee

Ridge Landfill Community Trust

Chatham-Kent Staff

- Mayor Randy Hope
- Ward 2 – Councillor Karen Herman
- Ward 2 – Councillor Trevor Thompson
- Ward 2 – Councillor Frank Vercouteren
- Ward 1 – Councillor Bryon Fluker
- Ward 1 – Councillor Mark Authier
- Ward 3 – Councillor David VanDamme
- Ward 3 – Councillor Steve Pinsonneault
- Ward 4 – Councillor Joe Faas
- Ward 4 – Councillor Leon Leclair
- Ward 5 – Councillor Carmen McGregor
- Ward 5 – Councillor Jeff Wesley
- Ward 6 – Councillor Michael Bondy
- Ward 6 – Councillor Darrin Canniff
- Ward 6 – Councillor Brock McGregor
- Ward 6 – Councillor Bob Myers
- Ward 6 – Councillor Derek Robertson
- Ward 6 – Councillor Doug Sulman

Provincial Elected Officials

- MPP (Chatham-Kent Essex) Rick Nicholls
- Minister Glen Murray
- Senior Policy Advisor Colin O'Meara

Federal Elected Officials

- MP (Chatham-Kent Essex) Dave VanKesteren

Adjacent Municipalities

- Lambton County - Clerk
- Middlesex County - Clerk
- Elgin County – Clerk
- Essex County - Clerk

Regulatory Agencies

- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Municipal Affairs and Housing
- Ministry of Natural Resources and Forestry
- Ministry of Transportation
- Ministry of the Environment and Climate Change
- Municipal of Chatham-Kent
- Aboriginal Affairs and Northern Development Canada
- Environment Canada
- Transport Canada
- Fisheries and Oceans Canada
- Lower Thames Valley Conservation Authority
- Chatham-Kent, ON-Kent Fire Department
- Ontario Provincial Police
- Chatham-Kent, ON-Kent Police Services

## Summary of Project Contact List

Participants during the EA Terms of Reference

Participants from the Ridge Landfill EA expansion project (1997) and the EA process to increase daily/annual waste inputs (2011)

Indigenous Communities

- Chiefs of Ontario
- Caldwell First Nations
- Chippewas of the Thames First Nation
- Kettle and Stoney Point First Nation
- Moravian of the Thames
- Munsee-Delaware Nation
- Oneida Nation of the Thames
- Walpole Island First Nation
- Metis Nation of Ontario
- Aamjiwnaang First Nation

Stakeholders

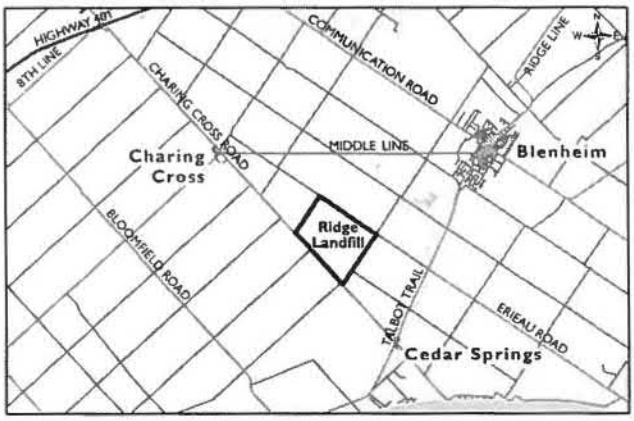
- BIA Blenheim
- Chatham-Kent Chamber of Commerce
- Thomson Seed
- Union Gas
- Community Living Chatham-Kent
- Golden Kiwanis
- Rotary Club
- Kent Federation of Agriculture

Local District School Boards

PWS Local Suppliers

# Notice of Commencement –Terms of Reference & Notice of Public Open House Ridge Landfill, Blenheim, Ontario

Progressive Waste Solutions Canada Inc. (PWS, formerly BFI Canada Inc.) is initiating a study under the *Environmental Assessment Act* to expand the footprint of the existing Ridge Landfill. The Ridge Landfill has been serving the Chatham-Kent community for 50 years and will reach its approved capacity by approximately 2022. An expanded Ridge Landfill would continue to provide long term residual waste disposal capacity beyond this time frame to help Chatham-Kent and Ontario meet the needs of a growing population.




## The Process

This study will be carried out in accordance with the requirements of the *Environmental Assessment Act* (EAA). The first step in the process is the preparation of a Terms of Reference (ToR). The ToR will set the framework for addressing the EAA requirements, including the alternatives that will be considered and the public consultation activities that will be carried out. The ToR requires approval by the Minister of the Environment and Climate Change.

## Consultation

Public consultation is a very important aspect of this process. Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting PWS to provide comments or ask questions.

**You are Invited to a Public Open House!**

The first Public Open House for the proposed Ridge Landfill Expansion will introduce the project and provide information on the terms of reference process.

**Time & Date:** May 3, 2016 from 5:00pm - 8:00pm
**Location:** St. Mary's Hall, 94 George St, Blenheim, ON

Consultation opportunities will be held throughout the planning process and notice will be provided through advertisement in the Blenheim News Tribune, Chatham Daily News, Chatham This Week and Chatham Voice; distribution to the project contact list; and through postings at www.ridgelandfill.com. Please visit the website to sign-up to be on the project contact list.

For further information please contact:

Cathy Smith
Project Manager
Progressive Waste Solutions Canada Inc.
T: 519-676-5000
E: cathy.smith@progressivewaste.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.

Notice published (April 20, 2016)

SCOTT MECHANICAL
HEATING, COOLING & PLUMBING
Brandon Vandehogen
519-809-1208
Sales www.scottmechanical.ca Service

Blenheim Legion Br. 185
TWO 50/50 DRAWS!
YEAR-END
MEAT DRAW
Saturday, April 30th
Doors Open at 11:30 am
$3000 WORTH OF MAJOR PRIZES!
Draws start at 1:00 pm
MANY DOOR PRIZES!
Upstairs & Downstairs! Food Available!
EXTRA MEAT DRAWS!
EVERYONE WELCOME!
MONTH END DRAW - APRIL 23RD -

# Pegg gains valuable experience in tech skills competition

Although he didn't finish in the top three, Brayden Pegg felt like a winner at the Ontario Technical Skills Competition Western Area competition on Saturday.

He was among 17 other secondary school students entered in the welding category at Fanshawe College.

"It was a good experience in that kind of environment, I learned a few tricks," Pegg said.

"I'd recommend it to anyone," Pegg said of the OTSC.

He qualified by winning the local competition in Sarnia on March 30.

"I didn't really expect that," Pegg said of his first-place finish.

Pegg, along with classmate Jack Noble, were the first Blenheim District High School students to enter the OTSC.

The top three from Sarnia advanced to Fanshawe, where the top three from the Western Area competition move on to the OTSC provincial competition on May 2-4 in Waterloo.

There is a slight chance Pegg could still go to the provincials, as there are three wild cards available, if any competitors drop out, to be announced today.

"There was a lot of good competition, a lot of them are all ticketed welders who have full welding classes at their schools," said Pegg.

"Their class entails they have to pass their ticket," he said.

B.D.H.S. offers welding as a portion of its manufacturing class.

Pegg was able to enhance his welding skills through the school's co-op program at Kent Fabricators Ltd.

His goal is to become a commercial diver for underwater construction, following in his father John Pegg's footsteps.

Pegg will be taking a three-month aquatics science course at the Canadian Working Divers Institute in Chapleau, Ont. Beginning in August.

B.D.H.S. will sending a bus load of its co-op and SHSM students to Waterloo for the OTSC, as there will a number of manufacturers and post-secondary schools on site to promote their job availability and courses for students in various fields.

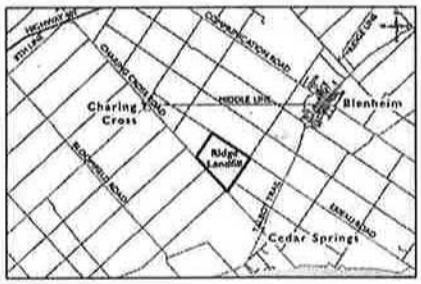
B.D.H.S. plans on sending more students – welders and carpeters – to the OTSC next year.



**B.D.H.S. student Brayden Pegg won the local Ontario Technical Skills Competition in Sarnia, which allowed him to go to the Western Area regionals at Fanshawe College this past weekend.**

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### Consultation

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Cathy Smith
Project Manager
Progressive Waste Solutions Canada Inc.
T: 519-676-5000
E: cathy.smith@progressivewaste.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.

Notice published (April 20, 2016)

# Domestic charges laid

A 41-year-old Blenheim man was arrested last Wednesday by the CKPS and charged with three counts of assault stemming from an incident a day earlier.

The man attended his ex-girlfriend's home in Blenheim to retrieve personal belongings.

An argument ensued resulting in the man assaulting the woman.

The man fled the area prior to police arrival and through investigation, the woman disclosed that this was not the first time she had been the victim of domestic violence.

Police located and arrested the man on Wednesday morning.

# Bothwell man charged in shooting

A Bothwell man, Dilan Jacobs, was arrested by the Essex detachment of the Ontario Provincial Police Crime Unit after an incident on March 11 that left a 22-year-old Ridgetown woman with non-life threatening gunshot wounds.

Chatham-Kent Ontario Provincial Police officers responded to a report regarding an injury sustained by the Ridgetown woman around 7 p.m. on that date while she was fishing on the banks of the Thames River near Bothwell.

An investigation by members of the Essex OPP Crime Unit, Middlesex OPP Crime Unit, Moraviantown First Nation Police, Chatham Kent OPP, Chatham-Kent OPP Identification Unit, OPP Canine Unit and Provincial Liaison Team led to the identity of suspect.

Jacobs was charged with Criminal Negligence Cause Bodily Harm, Careless Use of a Firearm, Unauthorized Possession of a Firearm and Fail to Comply with Probation Order.

The accused was held for a bail hearing to answer to the charges.

Any person with information regarding this incident should immediately contact the Ontario Provincial Police Criminal Investigation Branch at 1-888-310-1122 or (705) 329-6111, or their nearest police authority.

Should you wish to remain anonymous, you may call Crime Stoppers at 1-800-222-8477 (TIPS) where you may be eligible to receive a cash reward of up to $2000.

# OPP remind motorists about slow moving farm machinery

The Ontario Provincial Police Chatham-Kent Detachment remind all motorists travelling in rural areas, around the municipality to be mindful when you may see farm machinery being operated on roadways.

Slow-moving farm equipment on roadways can present significant challenges for both motorists and farmers, particularly at this time of year.

As farmers begin to prepare for planting season in good weather conditions, the OPP encourage farmers, and motorists, to review road safety practices.

While farm equipment is permitted on roadways at all times of year, it is a more common sight during the busy season.

Motorists who are unaccustomed to encountering farm equipment on the road are often unprepared to safely follow slow-moving tractors towing large, specialized pieces of equipment such as combines and grain wagons.

The OPP reminds farmers there are specific rules farm equipment operators are required to follow to keep our roads safe.

For example, drivers must be at least 16 years of age and all farm equipment drivers should practice a 'no rider's policy.'

Farm vehicles must yield half the roadway to oncoming traffic, they must be properly lit and have signal turns. Farm vehicles should be driven on the travelled portion of the road, because road shoulders may not support the weight of farm equipment.

Tractors and farm equipment still follow the rules of the road, and that means no cell phones while driving.

It's always good practice to keep your lights on when travelling roadways – especially around dawn and dusk.

Every tractor, combine, or towed implement must display a slow moving vehicle sign to warn motorists that the vehicle will not reach highway speeds.

Equipment displaying a slow moving vehicle sign is limited to a maximum speed limit of 40 kilometres per hour.

Equipment often requires operators to travel at lower speeds because wide turns and heavy loads make it difficult to stop quickly or turn easily on roadways.

The OPP encourages everyone – farmers and motorists – to consider road safety practices when farm equipment travels on roadways.

For more information on farm safety please visit www.ofa.on.ca






# RM Classic Car Exhibit bringing back Cars & Coffee on select Saturdays

The first of three scheduled 'Cars & Coffee' events will take place on Saturday, May 7, from 8-11 a.m.

The other confirmed dates are June 11 and July 9.

Cars & Coffee is open to everyone, offering a relaxed morning for guests to take exclusive tours of the RM Classic Car Exhibit and the RM Auto Restoration Shop.

Cars & Coffee was first introduced last summer via a series of Saturday-morning meets at RM Auto Restoration's facilities, with each event attracting more than 100 cars.

The event is an impromptu car show, as enthusiasts are encouraged to bring out their classic rides for display.

Complimentary donuts and coffee will be supplied at each event for the first 250 guests, courtesy RM Auto Restoration and Tim Hortons.

The RM Classic Car exhibit closed on Dec. 31 after the municipality closed the Chatham-Kent Visitor Information Center inside the facility at One Heritage Drive.

However, RM Classic decided to continue holding the Cars & Coffee events on select dates.

Visitors will get exclusive tours of the RM Classic Car Exhibit, providing attendees opportunity to inspect an incredible assortment of historic and rare rides;

There will be a raffle draw to win a test on the RM dynamometer. Tickets will be available for $2 each or three for $5, with proceeds benefitting the Dana Brezzi Memorial Fund – a charity established at the Foundation of Chatham-Kent Health Alliance in the name of RM's dear friend and colleague.

Visitors will also have the opportunity to get to know the RM team and get a glimpse inside the world-renowned RM Auto Restoration shop, as well as preview auction vehicles slated to go under the RM gavel this summer.

Further details on the upcoming RM Cars & Coffee events are available on Facebook at: www.facebook.com/rmcarscoffee

# Pilot makes emergency landing

A 58-year-old Chatham man was not injured after making an emergency landing near the Chatham-Kent Municipal Airport on Sunday morning.

Chatham-Kent Police received information that a plane had just been seen landing in the area of Drury Line.

Officers located the pilot in a field on Erieau Road, south of Drury Line.

His Challenger Ultralight airplane ran out of fuel before he could return to the airport forcing him to make an emergency landing.

The plane sustained damage to its landing gear.

It was the second emergency landing at the airport in the past six months.

A 66-year-old pilot from Thamesville suffered non-life threatening injuries after his plane crashed near the airport on Oct. 2.

The pilot had just taken off from the airport and appeared to be having a mechanical failure in the small-craft plane.

The pilot tried to return to the airport but had to make an emergency landing in a corn field on the east side of Charing Cross Road.

# Man faces domestic charges

A 36-year-old Blenheim man was arrested and faces charges after a domestic incident last Wednesday.

Chatham-Kent Police were responded to a disturbance at an apartment in Blenheim around 6 p.m.

Police learned that a man had choked his wife during an argument.

The 31-year-old woman was transported to the Chatham-Kent Health Alliance for medical attention. She was treated and released.

Officers further learned that this was not the first time the woman had been the victim of domestic violence.

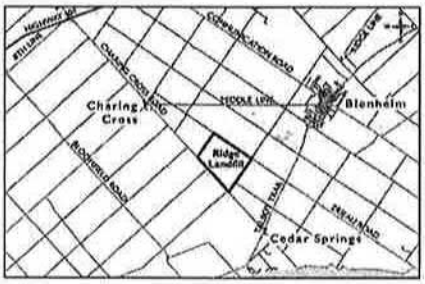
The day before, the man assaulted her and broke her Samsung tablet.

The Blenheim man was charged with assault, mischief under $5,000 and overcoming resistance to commission of offence.

He was held in custody pending a bail hearing.

## Notice of Commencement –Terms of Reference & Notice of Public Open House Ridge Landfill, Blenheim, Ontario

Progressive Waste Solutions Canada Inc. (PWS, formerly BFI Canada Inc.) is initiating a study under the *Environmental Assessment Act* to expand the footprint of the existing Ridge Landfill. The Ridge Landfill has been serving the Chatham-Kent community for 50 years and will reach its approved capacity by approximately 2022. An expanded Ridge Landfill would continue to provide long term residual waste disposal capacity beyond this time frame to help Chatham-Kent and Ontario meet the needs of a growing population.




### The Process

This study will be carried out in accordance with the requirements of the *Environmental Assessment Act* (EAA). The first step in the process is the preparation of a Terms of Reference (ToR). The ToR will set the framework for addressing the EAA requirements, including the alternatives that will be considered and the public consultation activities that will be carried out. The ToR requires approval by the Minister of the Environment and Climate Change.

### Consultation

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**Time & Date:** May 3, 2016 from 5:00pm - 8:00pm
**Location:** St. Mary's Hall, 94 George St, Blenheim, ON

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For further information please contact:

Cathy Smith
Project Manager
Progressive Waste Solutions Canada Inc.
T: 519-676-5000
E: cathy.smith@progressivewaste.com

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Notice published (April 20, 2016)

# Two local ECE students heading to China

The Chatham Voice

Two of St. Clair College's Early Childhood Education (ECE) students headed off to China this week to experience the field placement of a life time.

Victoria Horrobin and Delta Haymes, both second year ECE students at the college's Thames Campus, are in Taiyuan, China for an eight week placement at the King Sun Primary School located in China's Shanxi Province, with all expenses paid by the school.

Program Coordinator Brenda Huff found out about the opportunity and offered it to the students, who both jumped at the chance to go. When asked why she wanted to go, Horrobin answered, "Why wouldn't I want to go?"

"I believe that travel is one of the best educators, and this opportunity is a great way to enrich my education. I aspire to become an elementary school teacher and this opportunity to go and teach in a school in a completely different culture will give me a new look at teaching, and a unique experience I would not have had here in Canada," she said.

The pair took a variety of teaching materials with them for the children to use in hands-on activities.

"I hope the children discover that learning can be interactive and fun and that they will learn some English from the activities we will be implementing," said Horrobin.

Horrobin is excited to be a student and have the chance to learn about Chinese culture, along with different learning styles and new ways to teach literacy to children whose first language is something other than English. She believes is a great asset as the world becomes more globalized.

The two students will be back in home in mid-June just in time to graduate.

"This is an incredible opportunity that has been offered both Delta and I," Horrobin noted. "I am so grateful to everyone who has helped make this happen, particularly Brenda Huff, Quan and Peter Shi, and St. Clair College. I hope to bring much into this school, but even more so, take much away from it as you should never stop learning."

## Legion event features Voice

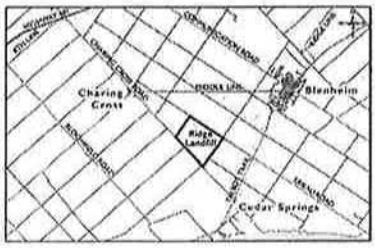



*Bruce Corcoran/The Chatham Voice*

Some 200 members of the Royal Canadian Legion were in Chatham during the weekend as Branch 642 hosted this year's District A Convention. There are 58 branches in the district that stretches from Windsor to London. Delegates discussed new policies and programs, and ways to help communities through programs. Here Gabriele Maynard and Sharon Chapple place copies of The Chatham Voice in each delegates' welcome package. The event concluded with a parade from the branch to the Cenotaph Sunday morning.

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Notice published (April 20, 2016)





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LIFE

# RM brings back Cars & Coffee

The Chatham Voice

Glimpse inside one of world's leading restoration facilities for collector cars at this year's Cars & Coffee events kicking off on May 7 at RM Auto Restoration.

Cars & Coffee was introduced last summer with each event attracting more than 100 cars, and enthusiasts, travelling from as far away as Toronto.

Auto enthusiasts are encouraged to bring out their classic rides for display of an impromptu car show.

Preview auction vehicles slated to go under the RM gavel this summer, and tour the exclusive RM Classic Cars Exhibit that is opening its doors specifically for the event, providing attendees with the opportunity to inspect an incredible assortment of historic and rare rides.

Win a test on the RM dynamometer through a raffle draw. Proceeds will benefit a charity established at the Foundation of Chatham-Kent Health Alliance in the name of RM's dear friend, Dana Brezzi.

Complimentary donuts and coffee will be supplied at each event for the first 250 guests, courtesy of RM Auto Restoration and Tim Hortons.

The event runs from 8 a.m. to 11 a.m., rain or shine.

Cars & Coffee will continue on June 11 and July 9.

RM Auto Restoration is located on 1 Classic Car Dr., north of Blenheim.

# Miss Retrofest is revamped

The Chatham Voice

The Downtown Chatham Centre is announcing that the Miss Retrofest online photo contest has been revamped and is continuing for 2016 in time for Retrofest weekend on May 27 and 28.

Some changes will be made to improve the contest for its third year.

Submissions will require a photo of the contestant dressed in retro fashions and a few words on why they love being "retro." Interested participants must be 18 years or older.

Submissions will be accepted at facebook.com/downtownchathamcentre until April 29.

From there a panel of judges will select a winner then release five runners-up to a voting process to win the title of "People's Choice."

Miss Retrofest 2016 will be announced on May 4. Voting for the "People's Choice" will start May 10 both online and inside the mall.

All contestants that entered will be part of a special display inside the mall that will recognize the ladies leading up to the Retrofest weekend.

The winner will receive a VIP treatment during Retrofest which includes riding as a guest of honour in the OLG Classic Car Cruise, a personal stylist and shopping spree at Suzy Shier, retro make-over from The Hair Studio at Sears and Gloss Wedding Make-up & Esthetics, a pin-up inspired photo shoot with April Colby Photography, and presenting plaques at the Retrofest award ceremony.

The Miss Retrofest contest is open to all women but are asked that all photos are kept classy - no lingerie, nude or overly sexual pictures will be accepted.

For further details visit downtownchathamcentre.ca or e-mail Jaclyn Gillier, Miss Retrofest organizer and fellow retro fashion enthusiast at jaclyn@downtownchathamcentre.ca.

# Crawford named prez of OCSOA

The Chatham Voice

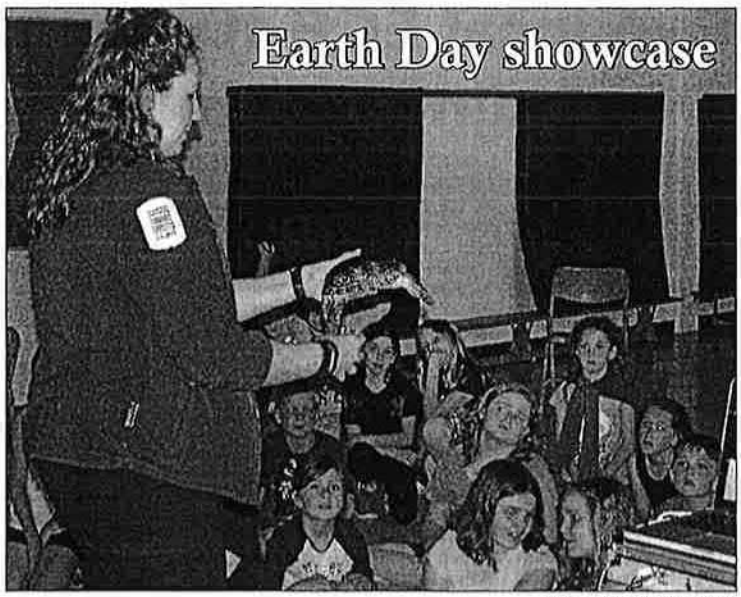
One of the St. Clair Catholic District School board's superintendents of education was recently named president of the Ontario Catholic Supervisory Officers' Association at the annual general meeting in London recently.

"It is important that OCSOA's voice in support of Catholic education and Catholic educational leadership in Ontario is ardent, informed and united," Deb Crawford said.

Crawford will be leading the Ontario Catholic Supervisory Officers' Association for 2016 to 2017.

At a special Mass on April 15, Crawford and the newly chosen OCSOA Executive, as well as St. Clair Catholic's newly appointed superintendents of education, Laura Callaghan and Scott Johnson, received a blessing and commissioning.

"The OCSOA annual general meeting is always a tremendous celebration of the important work of Catholic education in our province," Dan Parr, director of education with the St. Clair board, said.

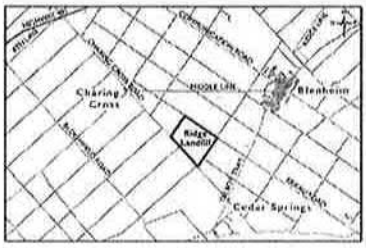



*Jim Blake/The Chatham Voice*

Students at St. Ursula's School celebrated Earth Day Friday with a visit from Rondeau Provincial Park employees Gabby Nichols and Caitlin Sparks who talked about the park's unique natural features and habitat.


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Notice published (April 20, 2016)

# Up to 500 feared dead

## Shipwreck happened in waters between Italy and Libya

JAMEY KEATEN
ASSOCIATED PRESS

GENEVA — As many as 500 people are feared dead after a shipwreck last week in the Mediterranean Sea, two international groups said Wednesday, describing survivors' accounts of panicked passengers who desperately tried to stay afloat by jumping between vessels.

The disaster happened in waters between Italy and Libya, based on accounts from 41 survivors who were rescued Saturday by a merchant ship, according to the UN refugee agency and the International Organization for Migration.

The tragedy ranks among the deadliest in recent years on the often-treacherous sea voyage along the central Mediterranean by refugees and migrants from Africa, the Middle East and beyond who have travelled in droves hoping to reach relatively peaceful and wealthy Europe.

While accounts provided by IOM and UNHCR varied slightly, both organizations said up to 200 people left the coastal town of Tobruk last week headed for a larger vessel already carrying hundreds of people in the Mediterranean.

IOM said the 200 people had left on several small boats, while UNHCR said 100 to 200 people left in a single 30-meter boat. The discrepancy in the accounts could not be immediately explained.

UNHCR said the larger boat was already facing "terribly overcrowded conditions" before the newcomers arrived.

"Once transferred to the larger vessel — now with an estimated 500 on board — it began taking on water," IOM said, citing survivors' accounts. "The vessel started to sink and panicking passengers tried to jump into the smaller boats they had arrived in."

"The survivors told IOM that most of those aboard the larger vessel tragically died," the agency said in a statement. It quoted an Ethiopian survivor it identified only as Mohamed as saying: "I saw my wife and my 2-month old child died at sea, together with my brother-in-law. ... The boat was going down ... down ... All the people died in a matter of minutes."

The survivors "drifted at sea for a few days, without food, without anything," Mohamed said, adding that he thought "I was going to die." He said the travellers had intended to go to Italy, not Greece.

In its statement, IOM Athens Chief of Mission Daniel Esdras called the accounts "heartbreaking" and said the organization was awaiting investigations by authorities "to better understand what actually happened and find hopefully evidence against criminal smugglers."

No national authorities in the area have reported any bodies washing ashore. Greek authorities said a cargo ship picked up 41 people on Saturday from a wooden boat that was without steering about 95 nautical miles south of the Greek mainland. The Greek authorities did not describe them as survivors or say anything about any boat sinking.

The survivors were then taken to Kalamata, Greece, where IOM and UNHCR staffers interviewed them. UNHCR said the survivors were 23 Somalis, 11 Ethiopians, six Egyptians and a Sudanese.

Barbara Molinario, a Rome-based spokeswoman for UNHCR, said details remained unclear and said its staffers didn't want to press the survivors too hard "as they are still very tired by their experience."

The statements offered the most official comment yet following repeated news reports about the incident in recent days.

Somalia's president, prime minister and parliamentary speaker issued a joint statement Monday concerning an unconfirmed report about the incident. Reports of the drownings circulated among families and on social media, but they hadn't been confirmed by coast guard authorities in Italy, Greece, Libya or Egypt.

According to IOM's Missing Migrants project, the death toll is the largest from a sinking on the central Mediterranean since another south of Lampedusa in April last year, in which 772 people died.

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**Careers**

Chatham-Kent Children's Services

**BOARD OF DIRECTORS - MEMBER RECRUITMENT**

Chatham-Kent Children's Services is a multi-service agency which provides child centred and family focused services to meet the emotional, social, developmental, physical and psychological needs of children, youth and their families. We invite applications for membership on our Board of Directors. We are seeking individuals who have some or all of the following skills and experiences:

- *Past or present Board member experience for a not-for- profit agency*
- *An understanding of financial issues in large organizations*
- *Knowledge and experience with public relations*
- *Experience dealing with various levels of government*
- *A community member with strong connections to the Chatham-Kent community*
- *Recipient of a service from CKCS or a similar social services organization*
- *A solid business, health, education, social service or administration background*
- *An awareness and understanding of service needs within the Francophone community*

Members of the Board of Directors must either reside, or have full time employment, in Chatham Kent. We are seeking members prepared to make a strong commitment to the children of Chatham-Kent through service in our organization. Commitment includes the ability to attend monthly regular Board meetings and at least one monthly committee meeting - a time commitment of up to 6 hours per month.

Application forms are available on our website www.ckcs.on.ca or to request an application form please call 519-358-4585 or email board@ckcs.on.ca. Applications must be received at 495 Grand Ave. West, Chatham, Ontario N7L 1C5 by Friday, April 22, 2016.

Selected candidates will be contacted for an interviewed.

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**Careers**

Chatham-Kent Lambton Administrative School Services Consortium Invites Applicants for an

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Reporting to the Coordinator-Community Use of Schools, the Assistant Service Coordinator will be a front line role supporting the Community Use of Schools and Student Transportation business units based out of our Wallaceburg office location.

To read the full job posting and apply for this position, please go to the website: http://www.lkdsb.net/Employment

Applications will be accepted until 4:00 p.m. Tuesday, April 26, 2016.

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Call Stacey 519-354-2000 ext. 554708

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MARIA MARENTETTE
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A cherished smile, a heart of gold,
To the dearest mother a world could hold

Happy memories, fond and true
From us who thought the world of you.

Always in our hearts,
Your Children, Grandchildren, & Great Grandchildren



NACHAJ - In loving memory of Edward Nachaj, who passed away April 21st, 2007.

Today is remembered and quietly kept.
No words are needed, I will not forget.
Wife, Vivian

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**Public Notices**

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**Apartments**

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# WORLD NEWS

# Greece returns Syrian refugees

## Country will construct four more camps for migrants, refugees

ATHENS — Greece on Wednesday returned 12 Syrians, including a woman and her four children, to Turkey as part of a European Union-Turkey agreement aiming to stop the flow of refugees and migrants across the Aegean to Europe's more prosperous heartland.

The 12 were flown from the Greek island of Lesbos to Adana in Turkey by a plane chartered by the European border agency Frontex, Greece's citizens' protection ministry said, noting all had expressed the wish to return and none had applied for asylum in Greece.

Under last month's EU-Turkey deal, people arriving clandestinely on Greek islands from Turkey from March 20 onward face being returned unless they successfully apply for asylum in Greece. So far, 386 people have been returned under the deal, Greece says.

Nearly 54,000 people are stranded in Greece after Europe closed its land borders to the migration flow last month. Greece said Wednesday it would construct a further four camps for them, in an effort to gradually clear an impromptu camp on the border with Macedonia.



GREGORIO BORGIA/ASSOCIATED PRESS

A family of migrants gather outside their tents at a makeshift camp in the northern border point of Idomeni, Greece, on Wednesday.

Giorgos Kyritsis, spokesman for refugee and migration affairs, said the government hoped to be able to move at least 4,500 people into newly constructed and existing camps in the next 10 days, or more than a third of those currently camped out near the village of Idomeni on the Greek-Macedonian border.

Kyritsis said four areas outside the northern city of Thessaloniki have been identified for new camps: Two former factories, a former logistics company and a former warehouse.

Meanwhile, Austrian police said Wednesday they are planning three freeway checkpoints at the Brenner crossing, the major transit point to Italy, in anticipation that migrants unable to enter from the Balkans will turn their attention to that route.

Another checkpoint will be located on the two-lane highway and a 370-metre fence is to be put up in the area to prevent attempts at unauthorized crossing.

Police also say that trains entering Austria at the Brenner will be stopped for controls.

Italy responded warily, with Premier Matteo Renzi saying that any move to close the Brennor Pass would be "blatantly against European rules."

Austria fears that with the West Balkan route to migrants closed they will make their way to Italy and try to enter from there.

Construction of the fence and other facilities began earlier this month. Police did not give a completion date. The speaker of Italy's lower house, Laura Boldrini, said Austria's moves are ill-considered, "because they divide."

*Associated Press*

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**Public Notices**

## Notice of Commencement –Terms of Reference & Notice of Public Open House Ridge Landfill, Blenheim, Ontario



Progressive Waste Solutions Canada Inc. (PWS, formerly BFI Canada Inc.) is initiating a study under the *Environmental Assessment Act* to expand the footprint of the existing Ridge Landfill. The Ridge Landfill has been serving the Chatham-Kent community for 50 years and will reach its approved capacity by approximately 2022. An expanded Ridge Landfill would continue to provide long term residual waste disposal capacity beyond this time frame to help Chatham-Kent and Ontario meet the needs of a growing population.

**The Process**

This study will be carried out in accordance with the requirements of the *Environmental Assessment Act* (EAA). The first step in the process is the preparation of a Terms of Reference (ToR). The ToR will set the framework for addressing the EAA requirements, including the alternatives that will be considered and the public consultation activities that will be carried out. The ToR requires approval by the Ministry of the Environment and Climate Change.

**Consultation**

Public consultation is a very important aspect of this process. Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting PWS to provide comments or ask questions.

**You are Invited to a Public Open House!**

The first Public Open House for the proposed Ridge Landfill Expansion will introduce the project and provide information on the terms of reference process.

Time & Date: May 3, 2016 from 5:00pm - 8:00pm
Location: St. Mary's Hall, 94 George St, Blenheim, ON

Consultation opportunities will be held throughout the planning process and notice will be provided through advertisement in the Blenheim News Tribune, Chatham Daily News, Chatham This Week and Chatham Voice; distribution to the project contact list; and through postings at www.ridgelandEA.com. Please visit the website to sign-up to be on the project contact list.

For further information please contact:

Cathy Smith
Project Manager
Progressive Waste Solutions Canada Inc.
T: 519-676-5000
E: cathy.smith@progressivewaste.com

*Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.*



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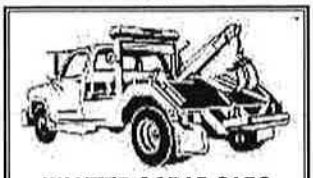


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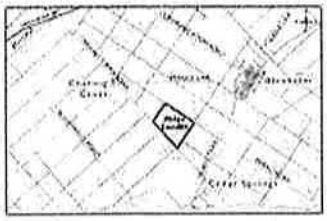
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## Public Notices

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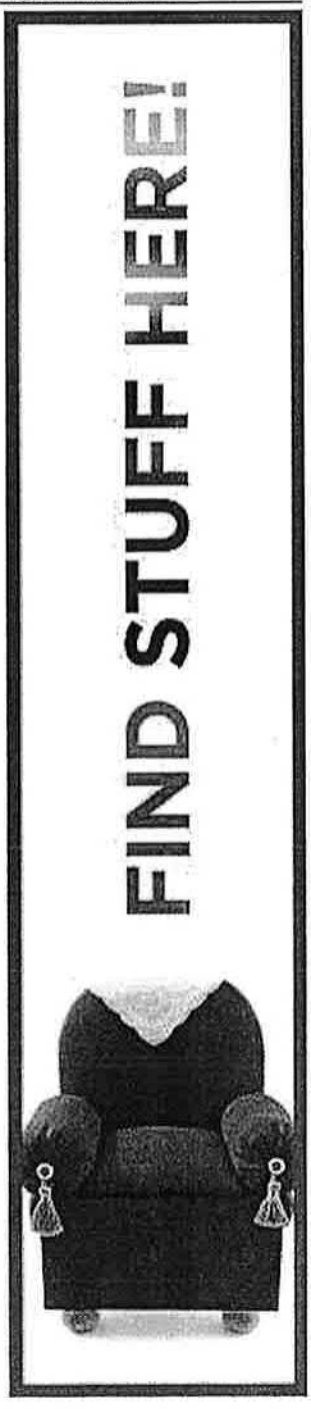
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April 20, 2016

Immediate Neighbours

Dear_____:

As an immediate neighbour, we want to advise you about our plans to seek an expansion of the Ridge Landfill.

Progressive Waste Solutions is announcing on Wednesday, April 20th that it is proposing to continue the operation of its landfill and expand the Ridge Landfill. Our other proposed future plans for the landfill include: the development of a biogas facility to convert landfill gas into a pipeline quality natural gas; the expansion of a public drop-off depot to allow residents and businesses to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program, and; the construction of a new community activity centre.

The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations and will not involve an increase to current annual waste volumes.

The Ridge Landfill will continue its annual contribution of approximately $13 million into the local economy, including directly contributing $4 million annually to the local community as well as other direct and indirect benefits on average of $9 million annually in salaries, construction and road maintenance, goods and services purchased, taxes, etc.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory two-step process.

- The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. The ToR must be approved by the Ministry of Environment and Climate Change.
- The second step is undertaking the EA. The EA would look at different ways to develop the facility, the potential for environmental effects and how effects could be mitigated.

Both steps will provide opportunities for consultation with neighbours, local residents and other stakeholders.

.../2

Your input is very important and you will likely have questions and want to know that the environment and the enjoyment of the property will be protected. The public consultation process will begin with an Open House on May 3rd at St. Mary's Hall, 94 George Street in Blenheim from 5:00 to 8:00 pm.

We look forward to keeping in touch throughout this process. If you have any questions or comments, please call us at (519) 676-5000 or visit our website – www.ridgelandfill.com.

Yours sincerely,

Cathy Smith
Project Manager

Tim Kozlof
District Manager

Progressive Waste Solutions

400 Applewood Crescent, 2nd Floor
Vaughan, ON L4K 0C3
T: 905 532 7510 F: 905 532 7576
www.progressivewaste.com

April 20, 2016

Residents within 1km

As a neighbor to our landfill, we want to advise you about our plans to seek an expansion of the Ridge Landfill.

Progressive Waste Solutions is announcing on Wednesday, April 20th that it is proposing to continue the operation of its landfill and expand the Ridge Landfill. Our other proposed future plans for the landfill include: the development of a biogas facility to convert landfill gas into a pipeline quality natural gas; the expansion of a public drop-off depot to allow residents and businesses to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program, and; the construction of a new community activity centre.

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Yours sincerely,

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District Manager

Progressive Waste Solutions

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T: 905 532 7510 F: 905 532 7576
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April 20, 2016

Residents and Buisnesses along Haul Route

As a resident or business along the route to our landfill, we want to advise you about our plans to seek an expansion of the Ridge Landfill.

Progressive Waste Solutions is announcing on Wednesday, April 20th that it is proposing to continue the operation of its landfill and expand the Ridge Landfill. Our other proposed future plans for the landfill include: the development of a biogas facility to convert landfill gas into a pipeline quality natural gas; the expansion of a public drop-off depot to allow residents and businesses to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program, and; the construction of a new community activity centre.

The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations and will not involve an increase to current annual waste volumes.

The Ridge Landfill will continue its annual contribution of approximately $13 million into the local economy, including directly contributing $4 million annually to the local community as well as other direct and indirect benefits on average of $9 million annually in salaries, construction and road maintenance, goods and services purchased, taxes, etc.

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We look forward to keeping in touch throughout this process. If you have any questions or comments, please call us at (519) 676-5000 or visit our website – www.ridgelandfill.com.

Yours sincerely,

Cathy Smith
Project Manager

Tim Kozlof
District Manager

Progressive Waste Solutions

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Vaughan, ON L4K 0C3
T: 905 532 7510 F: 905 532 7576
www.progressivewaste.com

April 20, 2016

Local Stakeholders:

We want to advise you that Progressive Waste Solutions has announced today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours, those along the haul route, and the communities of Blenheim, Charing Cross and Cedar Springs.

Our other proposed future plans for the landfill include: the development of a biogas facility to convert landfill gas into a pipeline quality natural gas; the expansion of a public drop-off depot to allow residents and businesses to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program, and; the construction of a new community activity centre.

The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations and will not involve an increase to current annual waste volumes.

The Ridge Landfill will continue its annual contribution of approximately $13 million into the local economy, including directly contributing $4 million annually to the local community as well as other direct and indirect benefits on average of $9 million annually in salaries, construction and road maintenance, goods and services purchased, taxes, etc.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory two-step process.

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- The second step is undertaking the EA. The EA would look at different ways to develop the facility, the potential for environmental effects and how effects could be mitigated.

Both steps will provide opportunities for consultation with neighbours, local residents and other stakeholders.

The public's input is very important and you will likely have questions and want to know that the environment and the enjoyment of the property will be protected. The public consultation process will begin with an Open House on May 3rd at St. Mary's Hall, 94 George Street in Blenheim from 5:00 to 8:00 pm.

We look forward to keeping in touch throughout this process. If you have any questions or comments, please call us at (519) 676-5000 or visit our website – www.ridgelandfill.com.

Yours sincerely,

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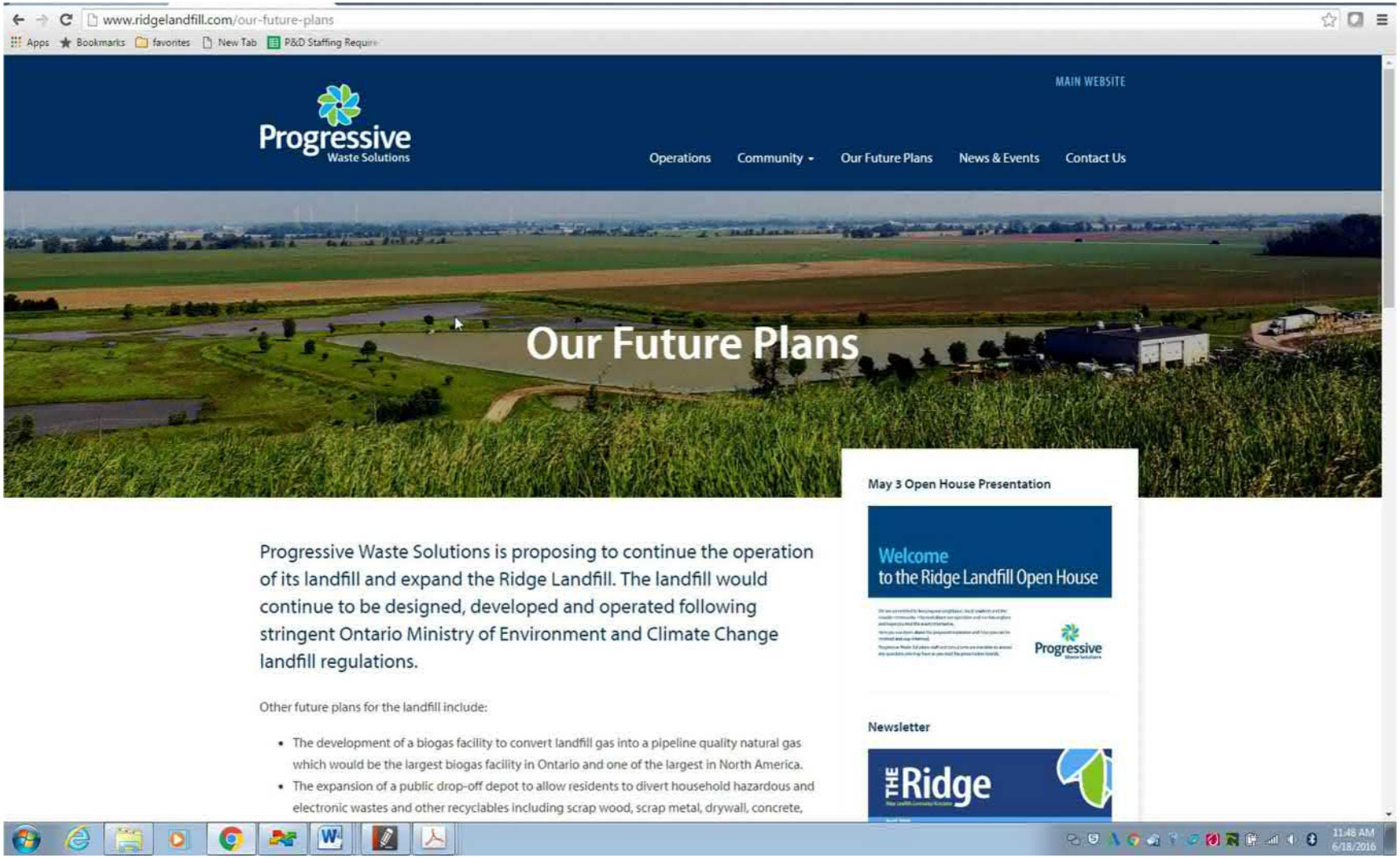
# Sorry we missed you

**We would like to share some information with you about our proposed expansion of the Ridge landfill.**

If you have any questions, feel free to give us a call at **519-676-5000**, or visit our website: **www.ridgelandfill.com**

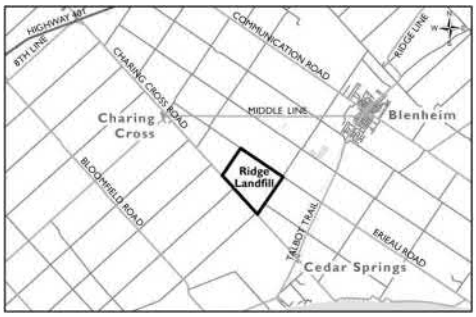


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THE Ridge
Progressive Waste Solutions is proposing to continue the operation of its landfill and expand the Ridge Landfill. The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations.
Other future plans for the landfill include:
The development of a biogas facility to convert landfill gas into a pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America.
The expansion of a public drop-off depot to allow residents to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete,
11:48 AM
6/18/2016

# Notice of Public Open House & Draft Terms of Reference
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Notice published June 16, 2016.

Progressive Waste Solutions

DRAFT

# Letter to the Editor: Model 'C' is a taxpayer financial nightmare

The municipality of Chatham-Kent is attempting to create an "in-house" land ambulance service using the Chatham-Kent Fire Department and its current fire fighter personnel. There is no unequivocal evidence given our council or the public that a proposal "C" "blended service" would use a required number of Provincially certified paramedics, as provided by our current private contracted ambulance services and that which would meet patient safety and service legislation and the criteria to receive the 50% provincial funding. Chatham-Kent municipality receives approximately $5.0 million annually thru provincial grants to provide ambulance services, that amount, as provincially required, is then paid directly to the contracted service provider, in this case [Medavie] . The 60 + Medavie employees are all provincially certified, as is mandatory to meet the criteria to receive the described annual funding. Our fire fighters are not. Chatham-Kent fire department has only 6 provincially certified medical staff and those 6 do not have such intense day to day paramedic experience and training and may not have been re-certified as required. The municipality of Chatham-Kent publishes, promotes and implies to the Chatham-Kent council and residents their fire department qualifies to receive full funding and hundreds of thousands of tax dollars more from the Health Minister should the CK fire department assume the EMS responsibility, by turning our fire fighters into "Fire-Medics"- I submit provincial funding is NOT available, pursuant to the province's own stated rules, policies and enacted legislation. Any blending proposal should be in opposite, that is, Our EMS services should be entertaining to blend Fire with EMS, since ems calls make up the majority of the industry responding's.

I further submit, the criteria of the Minister of Health and Long Term Care funding requirements for land ambulance services is based on and strictly relies upon a full complement of provincially certified personnel, which comprises the current Medavie privately contracted paramedic services. I have found no evidence from the province guaranteeing such provincial funding for municipal fire departments. The job description and responsibility of a fire fighter and a paramedic are provincially stated and are clear, each has their own list of responsibilities. Using Toronto as a guide, out of 411 daily calls only about 1% are fire calls. The fire industry has experienced an almost 180 degree, having 90% of the emergency calls paramedic related. Chatham-Kent and its council passed resolution for a succession plan, which appears to lay dormant, same should be activated to implement municipal employee downsizing thru attrition. A type of model "C" plan could work but only if proactively planned over the next 5 or so years by not replacing fire fighters when they retire, reducing fire fighter numbers, and subsequent enormous taxpayer cost, to be more in line with the industry changes to the number of much fewer fire related occurrences. However, a more defined blended and triaged fire-paramedic service to best designate who responds to various emergency & fire calls, while maintaining a separate ems service is, by far the best option, easiest to manage and least expensive and most effective, allowing millions to be saved, the savings of which would allow Chatham-Kent to apply for reduction on taxes, paving a way for a rebuild of our economy. Our current private EMS contractor is not a direct taxpayer funded burden, a blended service under proposal "C" would be a huge taxpayer expense, not only to implement but to sustain each year.

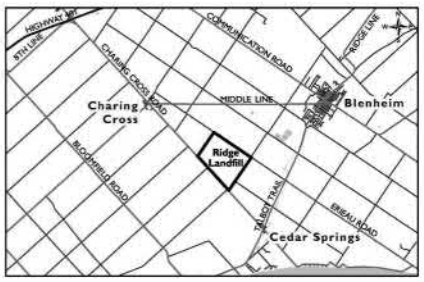
One municipal employee with a $90,000 base salary, carries a 28.7% added taxpayer cost, in addition to the base salary, for pension, medical, training, holiday, sick days, liability, insurances etc. Our current Medavie ambulance provider assumes these and many other costs under their own private company, NOT taxpayers. An EMS blended service also carries an increase in insurance premiums at taxpayer's expense. Why would CK want to make any changes to our EMS services from the current model"A".

**John K. Cryderman**

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Notice published June 15, 2016.

Progressive Waste Solutions

# Drug charges laid in traffic stop

Chatham-Kent Ontario Provincial Police charged two men during a traffic stop on the 401 on Saturday.

The OPP conducted a traffic stop on a black Ford Escape near Victoria Road around 5 p.m.

Police found and seized over $13,000 of methamphetamine found in the vehicle.

The driver, a 47-year-old Middlesex man, was charged with possession of a controlled substance for the purpose of trafficking, possession of property obtained by crime – under $5,000 and two counts of driving while disqualified.

The passenger, a 34-year-old London man, is also facing drug-related possession charges.

Both men were held for bail hearings.

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# NATIONAL NEWS

# Fire cost oilsands at least $1.4B

DAN HEALING
THE CANADIAN PRESS

CALGARY — Analysts say lost oilsands production from the Fort McMurray wildfires could top 30 million barrels and cost the industry upwards of $1.4 billion.

Some of the largest oilsands producers in the province were forced to shut down or curtail operations last month as 80,000 residents of Fort McMurray evacuated the city to escape the fierce blaze, which has yet to be extinguished.

Damage to oilsands projects was minimal but Calgary-based analysts say restarting operations is taking longer than expected.

Analyst Martin King of FirstEnergy Capital estimates the industry's production loss at $1.4 billion, while Nick Lupick, an analyst for AltaCorp Capital, puts the value of the losses so far at almost $1.6 billion. Both said Wednesday that they expect their numbers to grow.

"It sounds like there have been some pipeline clogging issues on some of these projects," said King. "I guess when the bitumen cooled it hardened and so they're having trouble getting stuff down these pipes right now."

King said his wildfire cost estimate is based on a production loss of about 37 million barrels, about half in the form of raw bitumen, which must be mixed with light oil to facilitate flow in a pipeline. The other half is much more valuable synthetic crude.

Lupick said he based his calculation on lost production of about 28 million barrels but with a higher proportion in the form of synthetic crude, which commands prices similar to West Texas Intermediate oil, thus delivering the higher dollar figure.

"Based on an outage of three weeks during the fires on average for all of the affected projects, the total lost revenue works out to be roughly $1.6 billion," he said. "Made up of roughly $1.05 billion of SCO and $550 million of bitumen revenue."

He said he expects the final production loss to grow beyond 30 million barrels because of delays in restarting projects and the fact that Syncrude Canada must complete a maintenance turnaround at its upgrader before returning to normal operations.

Lupick estimated Suncor Energy has lost about 21 million barrels of output from its own oilsands operations as well as from Syncrude, in which it has a majority stake.

Those barrels would have been worth about $700 million, he said, adding an outage at Suncor's Edmonton refinery that caused gasoline shortages in Western Canada would take the loss to about $800 million.

Lupick said other costs of restarting production could easily inflate Suncor's total losses to nearly $1 billion.

In a recent report to investors, analyst Paul Cheng of Barclays said about half of the one million barrels per day of production interrupted by the fire has been restored.

"By the end of June, we estimate the majority of production would be back online, with about 300,000 bpd still ramping up or undergoing planned turnarounds, and operations basically back to normal by mid to end of July, assuming no new shut-ins from ongoing fires," he wrote.



JASON FRANSON/CP FILES

Burned trees are shown in Saprae Creek near Fort McMurray, Alta., earlier this month. Analysts say lost oilsands production from the Fort McMurray wildfires could top 30 million barrels and cost the industry upwards of $1.4 billion.

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**Public Notices**

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*Chatham Voice image*

The Chatham-Kent Film Group presented $1,000 bursaries to three local students who will be enrolling in post-secondary film studies courses this year. From left, film group member Irena Carey, winners Julianna Corso, Anthony DeWael and Riley Rhodes and Cindy Storey of the film group.

# Spotlight showing draws nearly 600

**By Jim Blake**
jim@chathamvoice.com

Nearly 600 people turned out to the Capitol Theatre Monday night to see the movie Spotlight, the latest film brought to the community through the efforts of the Chatham-Kent Film Group.

Spokesman Cindy Storey said it was important that the film, which highlights a Boston Globe investigation into sexual abuse within the Catholic church was shown in Chatham.

"We had a very well publicized problem in Chatham a number of years ago and the story resonates here," she said. "It's part of our mandate to bring important films to Chatham, films which might not otherwise make it here."

The film tells the story of how a team of Boston Globe reporters discovered one a decades-long cover up of sex abuse by priests in Massachusetts.

The movie won Best Picture and Best Writing - Original Screen Play at the 88th Academy Awards earlier this year.

In a Chatham court in 2006, Father Charles Sylvestre pleaded guilty to indecent assault against 47 young girls and was sentenced to three years in prison. He died after only three months of his sentence.

Authorities called it North America's largest case of non-residential school sex abuse by a Roman Catholic priest.

The case was significant enough to have Chatham listed among affected communities in the movie's closing credits.

Storey said the film group has been in existence for about 20 years. Another part of its mission is to encourage young filmmakers through bursaries.

"Thanks to the work of our members, we've been able to start a bursary program," she said.


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OR

Through the **Ridge website** at www.ridgelandfill.com

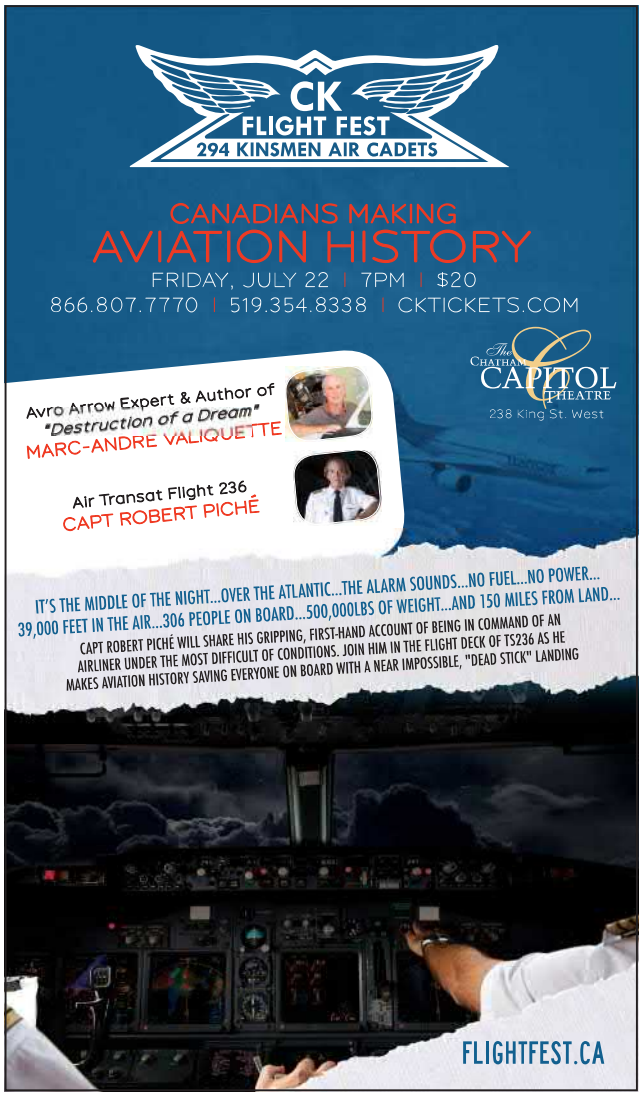
All comments received by July 28, 2016 will be incorporated in the final ToR. For any information regarding the project, please feel free to visit our website at www.ridgelandfill.com

*Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.*

Notice published June 15, 2016.

Progressive Waste Solutions





# Classifieds

chathamthisweek.com/classifieds



Phone: 1-866-541-6757 • Fax: 1-866-485-8461 • Email: chathamthisweek.classifieds@sunmedia.ca

## Auction Sales

JACK MORRIS AUCTIONS INC.

**AUCTION SALE**

**Wednesday, June 29 at 9 AM**

At the Community Centre in Comber. Selling approx. 10 grandfather clocks, wall clocks, ships clock; art work; good furniture; lg quantity china, silver; kitchen items & tools.

**Terms:** Cash, Debit, Visa, MC

(3% premium on Visa, MC)

**Auctioneer:** Jack Morris, 519-687-2530

Details & photos at:

www.jackmorrisauctions.com

## Garage Sales Flea Markets

**16 FINCH AVE**

**Saturday, June 25 ** 8am-Noon**

Gas cans, carpeting, miscellaneous household items.

## Auto Parts & Accessories



**WANTED SCRAP CARS**
**WILL PAY UP TO $200**
**519-350-1454**

## Antiques & Art Collectibles

check this out
.com .com
shopper

Place your Classifieds ad using our online Self Serve!

Go to: chathamthisweek.com /classifieds

or

wallaceburgcourierpress.com/classifieds

or

chathamsmartshopper.com

Online only and print/online combos available!

Save $$$ placing an ad yourself!

## Tree Services

Dangerous Trees?

CUSTOM TREE SERVICE

Seniors Discount

519.359.9876

Let our 40+ years experience prevent damage before it strikes!



www.customtreeservice.ca

## Garage Sales Flea Markets

**COMMUNITY YARD SALE**

Lake Morningstar, Pinehurst Line, 10701 Lakeview Drive

Sat., June 25 from 8 a.m. - 12 p.m.

**WARDSVILLE**

Town Wide Yard Sale & Church Bake Sale, also, Model Train Show and Sale

Saturday, June 25

Rain or Shine.

## Dogs

**DOG BOARDING**

Clean, spacious kennels, beautiful farm setting, plenty of playtime, friendly staff. $28 per night .TJ Stables, 837 Gregory Dr, Chatham. 519-354-7517

## General Help Wanted

**BOB PEARCE TRUCKING**

an expanding company, is currently looking for 2 AZ drivers with two years experience to run a steady southern states route. Immediate position is available. For further information call 519-785-1650




REACH MORE With Targeted Local Advertising

## Careers

ST. CLAIR COLLEGE

**CAREER OPPORTUNITIES**

St. Clair College is an internationally recognized, comprehensive institution offering a broad mix of educational and training opportunities in the Windsor, Essex and Chatham-Kent areas.

**Full Time Professors**

- **Professor, Mathematics**
- **Professor, Practical Nursing**
- **Professor, Biomedical Engineering Technology**
- **Professor, Dental Hygiene**

Visit our website for more detailed information regarding these exciting opportunities.

**http//:www.stclaircollege.ca/jobpostings**

## Public Notices

### Notice of Public Open House & Draft Terms of Reference Proposed Ridge Landfill Expansion EA

Progressive Waste Solutions Canada Inc. (PWS) is undertaking a study under the *Environmental Assessment Act* (EAA) to expand the existing Ridge Landfill to provide long term residual waste disposal capacity.




PWS would like to thank everyone who attended our first Public Open House on May 3, 2016. It provided us an opportunity to introduce the proposed Ridge Landfill expansion environmental assessment project. Community input to date has helped us better understand your perspectives on the Ridge Landfill. A copy of the information presented at the first Open House can be found at:
http://www.ridgelandfill.com/news

We would like to take this opportunity to invite you to a second Open House for this project.

**You are Invited to a Public Open House!**

**Time & Date:** June 28, 2016 from 5:00pm - 8:00pm
**Location:** St. Mary's Hall, 94 George St., Blenheim, ON

The second Public Open House for the proposed Ridge Landfill expansion will provide more information on the technical work that is proposed for the EA. Come find out more about the studies that will be done, the alternatives that will be considered and how you can continue to stay involved throughout the EA.

**The Draft Terms of Reference**

As part of the EAA process, a draft Terms of Reference (ToR) has been prepared. This document sets the framework for addressing the EAA requirements, including the alternatives that will be considered, criteria proposed for the evaluation of alternatives, the technical work that will be undertaken, and the public consultation activities that will be carried out.

The draft ToR will be available for a 30 day public review beginning on June 28, 2016 and ending on July 28, 2016. You may review the draft ToR at the following locations:

| | |
|---|---|
| Ministry of the Environment and Climate Change, Environmental Assessment and Approvals Branch<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 1-800-461-6290/ 416-314-8001<br>Monday to Friday: 8:30am – 5:00pm | Ministry of the Environment and Climate Change<br>Windsor Area Office<br>4510 Rhodes Dr., Unit 620<br>Windsor, ON, N8W 5K5<br>Tel: 519-948-1464<br>Monday to Friday: 8:30am – 4:30pm |
| Chatham Branch, Chatham-Kent Public Library<br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm; Friday: 9:30am – 6:00pm;<br>Saturday: 9:30am – 5:00pm | Blenheim Branch, Chatham-Kent Public Library<br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519.676.3174<br>Tuesday and Thursday: 12:00pm-8:00pm, Wednesday and Friday: 10:00am – 3:00pm;<br>Saturday: 12:00pm- 4:00pm |
| Municipality of Chatham-Kent Civic Centre<br>315 King St W.<br>Chatham, ON, N7M 1E9<br>Tel: 519-360-1998<br>Monday to Friday: 8:30am – 5:00pm | Online at the Ridge Landfill Website:<br>www.ridgelandfill.com |

Written comments regarding the draft ToR must be received by July 28, 2016. All comments should be submitted to:

**Cathy Smith, Project Manager**
**Progressive Waste Solutions Canada Inc.**
T: 519-676-5000
Email: cathy.smith@progressivewaste.com

OR

Through the **Ridge website** at www.ridgelandfill.com

All comments received by July 28, 2016 will be incorporated in the final ToR. For any information regarding the project, please feel free to visit our website at www.ridgelandfill.com

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Progressive Waste Solutions

SPORTS



*Jim Blake/The Chatham Voice*

Memorial Arena in Wallaceburg could see as much as $2 million in upgrades through a joint-federal municipal project designed to celebrate the 150th anniversary of Confederation.

# $2 million upgrade for 'Burg arena?

**By Jim Blake**
jim@chathamvoice.com

Wallaceburg area residents should know fairly quickly if the federal share of a planned $2 million upgrade of Memorial Arena will be approved.

Chatham-Kent council approved the application for $1 million in funding as part of the current phase of the Canada 150 Community Infrastructure grant.

Evelyn Bish, acting manager of community development, said the municipality hasn't been given an exact date for the decision but said she expects it to be fairly soon given the time frame involved in getting projects done by early 2018.

The work includes expansion of the lobby including construction of accessible male/female washrooms as well as a family change room, elevator installation, reconfiguring dressing rooms on the west side of the area and expansion of the canteen.

An ice-level viewing area for spectators with limited mobility will be built as well.

In her report, Bish noted that some of the upgrades have been identified "as far back as 1999."

Other projects considered included Chatham Memorial Arena upgrades, the Round the River trail expansion, and improvements in Chatham's downtown core.

The report noted that the arena has been recommended to be part of the municipality's parks and recreation master plan; it is heavily used by hockey in the winter and lacrosse in the summer.

The Wallaceburg Jr. C hockey team was recently purchased, adding to the long-term viability of the facility.

The Canada 150 program celebrating Canada's sesquicentennial is being administered by the Federal Economic Development Agency.

Chatham-Kent Leamington MP Dave Van Kesteren said southern Ontario is in line to get more than $4 million in extra funding through the program

"Many organizations in Chatham-Kent Leamington applied during the first intake last year," said he said. "This is a second opportunity for organizations that were unsuccessful the first time, or were not prepared to apply, to put in a request for federal funding."

Nationwide, $300 million dollars is being allocated, the first $150 of which was reserved earlier.

# St. Clair River racing

The Chatham Voice

The International Powerboat Festival is returning to Sarnia this summer, with free races and other activities beside the St. Clair River and two ticketed concerts featuring Monster Truck and I Mother Earth.

Sarnia's largest summer festival, scheduled for Aug. 12- 14, attracted more than 30,000 people last year.

It has also contributed more than $100,000 to charities the past five years, said event co-chairman David McPhail.

The festival, which is held jointly with Port Huron, features free street performers, a kids' zone, wakeboard competitions, merchandise and food vendors, and a licenced beverage tent.

Events begin at 4 p.m. Friday, and 11 a.m. Saturday and Sunday. Tickets and festival details are available at www.sarniapowerboatfestival.com.

Powerboat time trials start Saturday morning, Aug. 13, and the actual races take place on Sunday.

## Notice of Public Open House & Draft Terms of Reference
## Proposed Ridge Landfill Expansion EA

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| Chatham Branch, Chatham-Kent Public Library<br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm; Friday: 9:30am – 6:00pm;<br>Saturday: 9:30am – 5:00pm | Blenheim Branch, Chatham-Kent Public Library<br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519.676.3174<br>Tuesday and Thursday: 12:00pm-8:00pm, Wednesday and Friday: 10:00am – 3:00pm;<br>Saturday: 12:00pm- 4:00pm |
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Written comments regarding the draft ToR must be received by July 28, 2016. All comments should be submitted to:

**Cathy Smith, Project Manager**
**Progressive Waste Solutions Canada Inc.**
T: 519-676-5000
Email: cathy.smith@progressivewaste.com

OR

Through the **Ridge website** at www.ridgelandfill.com

All comments received by July 28, 2016 will be incorporated in the final ToR. For any information regarding the project, please feel free to visit our website at www.ridgelandfill.com

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Notice published June 15, 2016.

Progressive Waste Solutions

Aly J's Day Spa

NAIL ENHANCEMENTS
MANICURES
PEDICURES
WAXING



*Shawntelle Monique*
Certified Esthetician

519-359-6031
56 Raleigh St., Chatham
(inside A Wee Trim)

SPRING GIFT BASKET GIVEAWAY
Valued at $120
Ballot with every mani/pedi, or gift certificate. Draw June 30/16

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

June 15, 2016

Dear *Resident*

We wanted to update you on our progress towards completing the Terms of Reference for the proposed expansion of the Ridge Landfill.

Today we're advertising a second Open House which is scheduled for June 28th at St. Mary's Hall, 94 George Street in Blenheim from 5:00 to 8:00 pm. The focus of the second Open House is to provide and obtain input on the technical work that is proposed for the Environmental Assessment, specifically the studies that will be conducted, and the proposed evaluation criteria to assess alternative methods of development. Attached is a copy of the notice for the Open House.

This follows our first Open House that took place on May 3rd. Nearly 60 people attended and met with the project team to discuss how the landfill is designed, constructed and operated, the landfill's current environmental management systems, community partnerships with local organizations, and the regulatory process for the proposed expansion. A copy of the information panels at the Open House can be seen at http://www.ridgelandfill.com/our-future-plans

In addition to the Open House, June 28th marks the date at which we will be releasing our draft Terms of Reference for public and government agency review. This review will be for 30 days ending July 28, 2016. All comments received by July 28 will be considered for the final Terms of Reference which will be submitted to the Ministry of Environment and Climate Change. The draft Terms of Reference will be available in hard copy for public review at locations throughout the Municipality of Chatham-Kent. An electronic version of the document will also be available for download from our website. We will continue to keep you informed throughout this process. If you have any questions or comments, please call us at (519) 676-5000 or visit our website - www.ridgelandfill.com.

Sincerely,

Cathy Smith
Project Manager
Ridge Landfill Expansion

Tim Kozlof
District Manager
Ridge Landfill

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Ms. Dawn Betancourt
President, Thompsons
2 Hyland Drive
Blenheim, ON
N0P 1A0

Dear Ms. Betancourt,

As a leader in the Blenheim business community, I would like to meet with you to update you on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory a two-step process. The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. We have prepared a draft ToR which was released on June 28, 2016 for public and government agency review by July 28, 2016, which can be found at www.ridgelandfill.com. The final ToR will be submitted to the Ministry of Environment and Climate Change in a couple of months for its approval.

Following the approval of the ToR, the second step is undertaking the EA which will look at different ways to develop the facility, the potential for environmental effects and how those effects could be mitigated. To date, PWS has hosted two open houses in the community of Blenheim to meet with local residents to discuss their issues of concern as well as opportunities to enhance the economic well-being of the local neighbouring communities.

The Ridge Landfill employs 23 persons and contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

The Ridge Landfill directly contributes over $4 million annually to the local community through an annual royalty payment to the Municipality of Chatham-Kent which in 2015, amounted to $2.3 million; and since 2005 we have contributed approximately $15.9 million to the Municipality. The Ridge Landfill also provides significant financial contributions to the Ridge Landfill Trust that in 2015 was approximately $1.1 million.

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

These monies are allocated by a group of community leaders to projects that benefit the local community such as the Talbot Trail Park with the splash pad for children, a new senior's centre and a youth drop in centre in downtown Blenheim. These financial contributions would continue with the proposed expansion as well as the company's commitment to the local communities.

I would welcome an opportunity to meet with you to discuss this project and answer any questions you may have about the current operation and the EA process for the proposed expansion. To that end, I will follow up with you on a potential meeting date.

In the interim, we have established a dedicated website that you may visit to get further information on the Ridge Landfill and our future plans – www.ridgelandfill.com.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Mr. John Ceccacci
Vice Chair
Blenheim Business Improvement Association
Blenheim, ON

Dear Mr. Ceccacci,

As a leader in the Blenheim business community, I would like to update you and BIA Chair Marc Eskritt on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory a two-step process. The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. We have prepared a draft ToR which was released on June 28, 2016 for public and government agency review by July 28, 2016, which can be found at www.ridgelandfill.com. The final ToR will be submitted to the Ministry of Environment and Climate Change in a couple of months for its approval.

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The Ridge Landfill employs 23 persons and contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

The Ridge Landfill directly contributes over $4 million annually to the local community through an annual royalty payment to the Municipality of Chatham-Kent which in 2015, amounted to $2.3 million; and since 2005 we have contributed approximately $15.9 million to the Municipality. The Ridge Landfill also provides significant financial contributions to the Ridge Landfill Trust that in 2015 was approximately $1.1 million.

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These monies are allocated by a group of community leaders to projects that benefit the local community such as the Talbot Trail Park with the splash pad for children, a new senior's centre and a youth drop in centre in downtown Blenheim. These financial contributions would continue with the proposed expansion as well as the company's commitment to the local communities.

I would welcome an opportunity to meet with you and Marc, as well as any other members of the BIA executive to discuss this project and answer any questions you may have about the current operation and the EA process for the proposed expansion. To that end, I will follow up with you on a potential meeting date.

In the interim, we have established a dedicated website that you may visit to get further information on the Ridge Landfill and our future plans – www.ridgelandfill.com.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Mr. Ron Faubert
President, Kent Federation of Agriculture
120 Main Street East
Chatham, ON
N0P 2C0

Dear Mr. Faubert,

As a leader in the agriculture community within Chatham-Kent, I want to update you on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory a two-step process. The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. We have prepared a draft ToR which was released on June 28, 2016 for public and government agency review by July 28, 2016, which can be found at www.ridgelandfill.com. The final ToR will be submitted to the Ministry of Environment and Climate Change in a couple of months for its approval.

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The Ridge Landfill employs 23 persons and contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

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I would welcome an opportunity to meet with you, as well as any Board members from the Blenheim area to discuss this project and answer any questions you may have about the current operation and the EA process for the proposed expansion. To that end, I will follow up with you on a potential meeting date.

In the interim, we have established a dedicated website that you may visit to get further information on the Ridge Landfill and our future plans – www.ridgelandfill.com.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Ms. Gail Bishop
President & CEO
Chatham Kent Chamber of Commerce
54 Fourth Street
Chatham, ON
N7M 2G2

Dear Ms. Bishop,

As a leader in the Chatham-Kent business community, I want to update you on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

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Progressive Waste Solutions (PWS) employs 60 persons in the Municipality of Chatham-Kent, of which 23 persons are employed at the Ridge Landfill. The Ridge Landfill contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

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The Ridge Landfill also provides significant financial contributions to the Ridge Landfill Trust that in 2015 was approximately $1.1 million.

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Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Ms. Nancy Penney
President, Blenheim Rotary Club
Box 826
Blenheim, ON
N0P 1A0

Dear Ms. Penney,

As a leading community based service organization in Blenheim, I want to update you on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory a two-step process. The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. We have prepared a draft ToR which was released on June 28, 2016 for public and government agency review by July 28, 2016, which can be found at www.ridgelandfill.com. The final ToR will be submitted to the Ministry of Environment and Climate Change in a couple of months for its approval.

Following the approval of the ToR, the second step is undertaking the EA which will look at different ways to develop the facility, the potential for environmental effects and how those effects could be mitigated. To date, PWS has hosted two open houses in the community of Blenheim to meet with local residents to discuss their issues of concern as well as opportunities to enhance the economic well-being of the local neighbouring communities.

The Ridge Landfill employs 23 persons and contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

The Ridge Landfill directly contributes over $4 million annually to the local community through an annual royalty payment to the Municipality of Chatham-Kent which in 2015, amounted to $2.3 million; and since 2005 we have contributed approximately $15.9 million to the Municipality. The Ridge Landfill also provides significant financial contributions to the Ridge Landfill Trust that in 2015 was approximately $1.1 million.

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

These monies are allocated by a group of community leaders to projects that benefit the local community such as the Talbot Trail Park with the splash pad for children, a new senior's centre and a youth drop in centre in downtown Blenheim. These financial contributions would continue with the proposed expansion as well as the company's commitment to the local communities.

I would welcome an opportunity to meet with you to discuss this project and answer any questions you may have about the current operation and the EA process for the proposed expansion. To that end, I will follow up with you on a potential meeting date.

In the interim, we have established a dedicated website that you may visit to get further information on the Ridge Landfill and our future plans – www.ridgelandfill.com.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

July 15, 2016

Mr. Marc Eskritt
Chair
Blenheim Business Improvement Association
Blenheim, ON

Dear Mr. Eskritt,

As a leader in the Blenheim business community, I would like to update you and BIA Vice Chair John Ceccacci on our progress towards an expansion of the Ridge Landfill.

On April 20 of this year, Progressive Waste Solutions announced its plan to seek a continuation of the operation of its landfill beyond 2022 for another 20 years at the current permitted annual waste volume level. The proposed expansion would continue to provide residents and businesses within the Municipality of Chatham Kent with a secure, cost effective disposal option along with the possibility of waste diversion programs.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory a two-step process. The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. We have prepared a draft ToR which was released on June 28, 2016 for public and government agency review by July 28, 2016, which can be found at www.ridgelandfill.com. The final ToR will be submitted to the Ministry of Environment and Climate Change in a couple of months for its approval.

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The Ridge Landfill employs 23 persons and contributes approximately $13 million directly and indirectly to the local community on an annual basis. Of that, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, local goods and services purchased, taxes, etc.

The Ridge Landfill directly contributes over $4 million annually to the local community through an annual royalty payment to the Municipality of Chatham-Kent which in 2015, amounted to $2.3 million; and since 2005 we have contributed approximately $15.9 million to the Municipality. The Ridge Landfill also provides significant financial contributions to the Ridge Landfill Trust that in 2015 was approximately $1.1 million.

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These monies are allocated by a group of community leaders to projects that benefit the local community such as the Talbot Trail Park with the splash pad for children, a new senior's centre and a youth drop in centre in downtown Blenheim. These financial contributions would continue with the proposed expansion as well as the company's commitment to the local communities.

I would welcome an opportunity to meet with you and John, as well as any other members of the BIA executive to discuss this project and answer any questions you may have about the current operation and the EA process for the proposed expansion. To that end, I will follow up with you on a potential meeting date.

In the interim, we have established a dedicated website that you may visit to get further information on the Ridge Landfill and our future plans – www.ridgelandfill.com.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

October 18, 2016

Drilling Notice

Dear *Resident*,

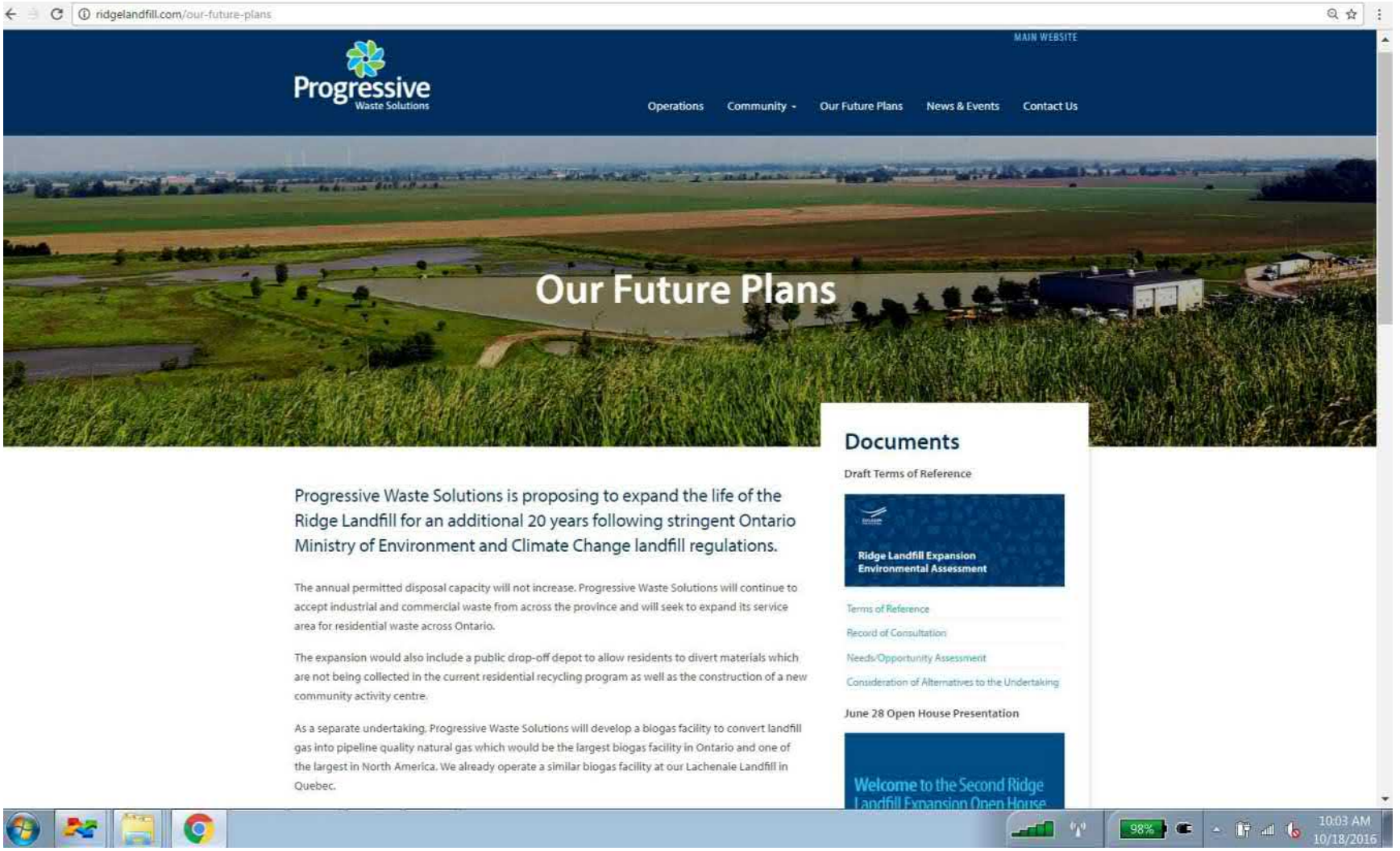
I want to advise you that Progressive Waste Solutions plans to begin a hydrogeological drilling program at the Ridge Landfill commencing the week of October 17.

The drilling is part of pre-Environmental Assessment field work to confirm existing environmental conditions. Drilling will occur on buffer lands adjacent to the landfill operation and will involve six wells: one on Erieau Road; three along Allison Line; and, two along Charing Cross Road. The drilling program will also include the installation of an additional six leachate quality testing wells on-site. The program should be completed before the end of the year.

If you have any questions, please do not hesitate to call me.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com


ridgelandfill.com/our-future-plans
MAIN WEBSITE
Progressive
Waste Solutions
Operations
Community
Our Future Plans
News & Events
Contact Us
Our Future Plans
Documents
Draft Terms of Reference
Ridge Landfill Expansion
Environmental Assessment
Terms of Reference
Record of Consultation
Needs/Opportunity Assessment
Consideration of Alternatives to the Undertaking
June 28 Open House Presentation
Welcome to the Second Ridge
Landfill Expansion Open House
Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.
The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.
The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.
As a separate undertaking, Progressive Waste Solutions will develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.
98%
10:03 AM
10/18/2016

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Letter to Elected Officials***

Dear,

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

We have also advised our immediate neighbours, residents within a one-kilometer radius of our landfill and those along the designated haul route from the interchange of Highways 401 and 40 to the Ridge Landfill. During the ToR review period, we intend to continue meeting with our neighbours to discuss their issues of concern.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with elected officials, our immediate neighbours and other stakeholders.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Letter to Stakeholders***

Dear Stakeholder,

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with our immediate neighbours and other stakeholders to discuss issues of concern as well as opportunities to further enhance the socio economic well-being of the local neighbouring communities.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Letter to Landowners;***

Dear Resident,

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with our immediate neighbours and other stakeholders to discuss issues of concern as well as opportunities to further enhance the socio economic well-being of the local neighbouring communities.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Residents on Haul Route;***

Dear

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016.

The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with our immediate neighbours and other stakeholders to discuss issues of concern as well as opportunities to further enhance the socio-economic well-being of the local surrounding communities.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Residents on Property***

Dear

As a resident on the Ridge Landfill property, I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016.

The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with our immediate neighbours and other stakeholders to discuss issues of concern as well as opportunities to further enhance the socio-economic well-being of the local surrounding communities.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,



Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

November 14, 2016

***Residents within 1km Study Area;***

Dear,

As a neighbor, I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its final Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill. The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. The final ToR can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the EA, we will continue to consult with our immediate neighbours and other stakeholders to discuss issues of concern as well as opportunities to further enhance the socio-economic well-being of the local surrounding communities.

If you have any immediate questions or comments, I would be pleased to meet and discuss our future plans as well as any issues with the current landfill operation.

Sincerely,

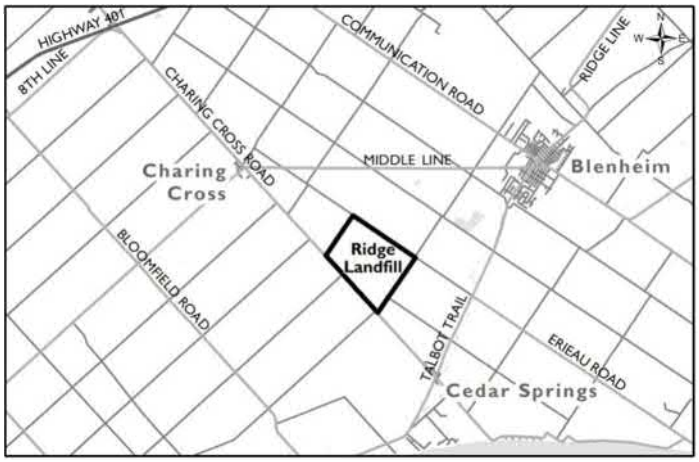


Cathy Smith
Project Manager, Ridge Landfill Expansion
519.358.2860
Cathy.smith@progressivewaste.com

# Notice of Submission of Terms of Reference
## Proposed Ridge Landfill Expansion, Progressive Waste Solutions Canada Inc.

As part of the planning process for the proposed Ridge Landfill expansion, Progressive Waste Solutions Canada Inc. (PWS) submitted a Terms of Reference (ToR) to the Ministry of Environment and Climate Change for review as required under the *Environmental Assessment Act*. If approved, the ToR will serve as a framework for the preparation and review of the environmental assessment (EA) for the proposed undertaking.

The proposed expansion of the existing Ridge Landfill is to provide long term residual waste disposal capacity. The ToR outlines the studies proposed to be undertaken during the EA. Public consultation that has been completed to date and consultation activities planned for the EA are also documented in the ToR.




The ToR will be available for public review beginning on November 18, 2016 and ending on December 18, 2016. You may review the ToR at the following locations:

| | |
|---|---|
| Ministry of the Environment and Climate Change,<br>Environmental Assessment and Approvals Branch<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 1-800-461-6290/ 416-314-8001<br>Monday to Friday: 8:30am – 5:00pm | Ministry of the Environment and Climate Change<br>Windsor Area Office<br>4510 Rhodes Dr., Unit 620<br>Windsor, ON, N8W 5K5<br>Tel: 519-948-1464<br>Monday to Friday: 8:30am – 4:30pm |
| Chatham Branch, Chatham-Kent Public Library<br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm;<br>Friday: 9:30am – 6:00pm; Saturday: 9:30am – 5:00pm | Blenheim Branch, Chatham-Kent Public Library<br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519.676.3174<br>Tuesday and Thursday: 12:00pm-8:00pm, Wednesday and<br>Friday: 10:00am – 3:00pm; Saturday: 12:00pm- 4:00pm |
| Municipality of Chatham-Kent Civic Centre<br>315 King St W.<br>Chatham, ON, N7M 1E9<br>Tel: 519-360-1998<br>Monday to Friday: 8:30am – 5:00pm | Online at the Ridge Landfill Website:<br>www.ridgelandfill.com |

| | |
|---|---|
| Your written comments regarding the ToR must be received before December 18, 2016. All comments should be submitted to:<br>**Cindy Batista,**<br>**Project Officer**<br>Ministry of Environment and Climate Change<br>Environmental Assessment and Approvals Branch<br>135 St. Clair Avenue West, Unit 100, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 416-314-7222/1-800-461-6290<br>Fax: 416-314-8452<br>Email: Cindy.Batista@ontario.ca | A copy of all comments will be forwarded to PWS for consideration.<br>For further information regarding the project, please contact:<br>**Cathy Smith, Project Manager**<br>**Progressive Waste Solutions Canada Inc.**<br>20262 Erieau Road,<br>Blenheim, ON, N0P 1A0<br>T: 519-676-5000<br>Email: Cathy.Smith@progressivewaste.com<br><br>or visit our website at www.ridgelandfill.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*. 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 Project Officer or the MOECC's Freedom of Information and Privacy Coordinator at 416-327-1434 .

Progressive Waste Solutions

Notice published: November 16, 2016.

January 2, 2018

Residents/Stakeholders

I am writing to you today to advise you of a few developments with respect to the Ridge Landfill. First, we voluntarily withdrew our proposed Terms of Reference for the Environmental Assessment (EA) for the proposed expansion of the Ridge Landfill in August, 2017. This was to enable us to work with the Ministry of Environment and Climate Change (MOECC) so that our Terms of Reference reflected the government's *Strategy for a Waste Free Ontario,* which was unveiled after we submitted our first Terms of Reference.

Second, we are planning for the proposed Term of Reference to be submitted to the MOECC on January 5th, 2018. It will reflect changes to the service area for the Ridge Landfill including a reduction of the industrial, commercial and institutional (IC&I) waste service area from all of Ontario to a service area of southern and central Ontario; and a residential waste service area of Chatham-Kent only. The Terms of Reference will also provide more information on the scope of work to be conducted in the EA with respect to waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill.

The Terms of Reference will be available for review beginning on January 5th, 2018 until February 4th, 2018. The Terms of Reference can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the Terms of Reference by MOECC, Waste Connections will be undertaking an Environmental Assessment (EA), which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. If approved, there will be a number of opportunities to keep you advised and for you to provide feedback during the EA process.

The other development for the Ridge Landfill is a change in our corporate ownership. Because of the merger of Progressive Waste Solutions (PWS) with Waste Connections Inc. in June 2016, PWS has changed its name to Waste Connections of Canada. We want to assure you as we unite under the Waste Connections banner, we will remain the same, dependable partner committed to being a good neighbor and a responsible corporate citizen.

If you have any questions or comments, please call me at 519.358.2860 or I can be reached at cathy.smith@wasteconnections.com. Please also visit our website – www.ridgelandfill.com.

Sincerely,

Cathy Smith H.B.A., M.A., ENV SP
Project Manager - Ridge Landfill Expansion

January 2, 2018

Elected Officials

As you are aware Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) for the proposed expansion of the Ridge Landfill in August, 2017. This was to enable us to work with the Ministry of Environment and Climate Change (MOECC) so that our Terms of Reference reflected the government's *Strategy for a Waste Free Ontario,* which was unveiled after we submitted our first Terms of Reference.

We are planning for the Terms of Reference to be submitted to the MOECC on January 5th, 2018. It will reflect changes to the service area for the Ridge Landfill including a reduction of the industrial, commercial and institutional (IC&I) waste service area from all of Ontario to a service area of southern and central Ontario; and a residential waste service area of Chatham-Kent only. The Terms of Reference will also provides more information on the scope of work to be conducted in the EA with respect to waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill.

The Terms of Reference will be available for review beginning on January 5th, 2018 until February 4th, 2018. The Terms of Reference can be viewed on our website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the Terms of Reference by MOECC, Waste Connections will be undertaking an Environmental Assessment (EA), which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. If approved, there will be a number of opportunities to keep you advised and for you to provide feedback during the EA process.

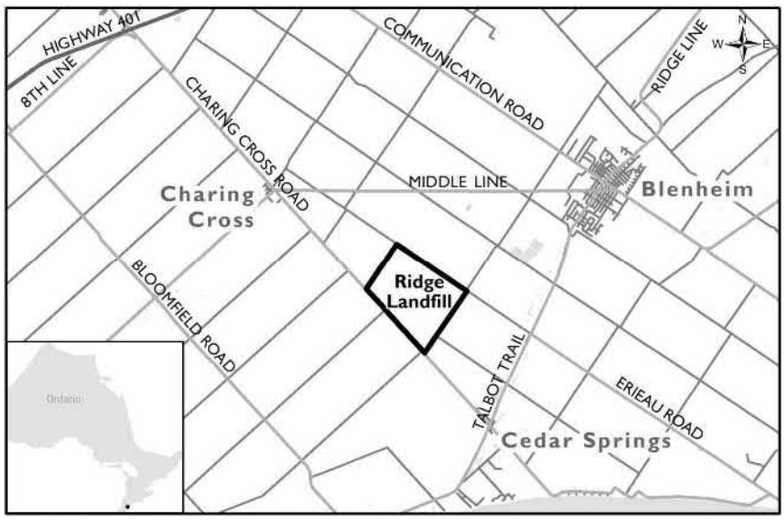
If you have any questions or comments, please call me at 519.358.2860 or I can be reached at cathy.smith@wasteconnections.com. Please also visit our website – www.ridgelandfill.com.

Sincerely,

Cathy Smith H.B.A., M.A., ENV SP
Project Manager - Ridge Landfill Expansion

# Notice of Submission of Terms of Ridge Landfill Expansion Environmental Assessment, Waste Connections of Canada

As part of the planning process for the Ridge Landfill Expansion Environmental Assessment, a terms of reference was submitted to the Ministry of the Environment and Climate Change for review as required under the *Environmental Assessment Act*. If approved, the terms of reference will serve as a framework for the preparation and review of the environmental assessment for the proposed undertaking.




Waste Connections of Canada Inc. (Waste Connections) formerly Progressive Waste Solutions Canada Inc., is proposing to undertake a study under the *Environmental Assessment Act* (EAA) to expand the existing Ridge Landfill to provide residual waste disposal capacity for industrial, commercial and institutional waste in southern and central Ontario and residential waste in Chatham-Kent over a 20 year planning period.

Waste Connections voluntarily withdrew its previous terms of reference and is submitting a new terms of reference) to better reflect the Ontario government's *Strategy for a Waste Free Ontario – Building the Circular Economy (February 2017).*

**Review the Terms of Reference**

The terms of reference will be available for review beginning on January 5, 2018 and ending on February 4, 2018. You may review the terms of reference at the following locations:

| | |
|---|---|
| Ministry of the Environment and Climate Change,<br>Environmental Assessment & Permissions Branch<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 1-800-461-6290 / 416-314-8001<br>Monday to Friday: 8:30am – 5:00pm | Ministry of the Environment and Climate Change<br>Windsor Area Office<br>4510 Rhodes Dr., Unit 620<br>Windsor, ON, N8W 5K5<br>Tel: 519-948-1464<br>Monday to Friday: 8:30am – 4:30pm |
| Ministry of the Environment and Climate Change<br>Southwest Region Office *(temporary location)*<br>3232 White Oak Road, 3rd Floor<br>London ON N6E 1L8<br>Tel: 519-873-5000 / 1-800-265-7672<br>Monday to Friday: 8:30 to 4:30pm | Chatham Branch, Chatham-Kent Public Library<br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm;<br>Friday: 9:30am – 6:00pm; Saturday: 9:30am – 5:00pm |
| Blenheim Branch, Chatham-Kent Public Library<br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519.676.3174<br>Tuesday and Thursday: 12:00pm-8:00pm; Wednesday and Friday: 10:00am – 3:00pm; Saturday: 12:00pm-4:00pm | Municipality of Chatham-Kent Civic Centre<br>315 King St W.<br>Chatham, ON, N7M 1E9<br>Tel: 519-360-1998<br>Monday to Friday: 8:30am – 5:00pm |
| Online at the Ridge Landfill Website: www.ridgelandfill.com | |
| Your written comments regarding the ToR must be received before February 4, 2018. All comments should be submitted to:<br>**Carolyn Lee**<br>**Project Officer**<br>Ministry of Environment and Climate Change<br>Environmental Assessment and Permissions Branch<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 416-212-4279/1-800-461-6290<br>Fax: 416-314-8452<br>Email: Carolyn.Lee@ontario.ca | A copy of all comments will be forwarded to Waste Connections for consideration.<br><br>For further information regarding the project, please contact:<br>**Cathy Smith, Project Manager**<br>**Waste Connections of Canada**.<br>20262 Erieau Road,<br>Blenheim, ON, N0P 1A0<br>T: 519-676-5000<br>Email: Cathy.Smith@wasteconnections.com<br><br>or visit our website at www.ridgelandfill.com |

For any information regarding the project, please feel free to visit our website at www.ridgelandfill.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*. 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 Project Officer or the Ministry of the Environment and Climate Change Freedom of Information and Privacy Coordinator at (416) 327-1434.

Notice published January 3, 2018

# Appendix B

## *Newsletter*

# THE Ridge

Ridge Landfill's Community Newsletter

April 2016




Progressive Waste Solutions is pleased to provide you with *The Ridge* – our new community newsletter.

Progressive Waste is committed to keeping its immediate neighbours, residents of Charing Cross, Cedar Springs and Blenheim and the broader Chatham-Kent community informed about the landfill facility .

In this newsletter you can learn about our landfill operations and environmental management system as well as our commitment to contributing to the well-being of the local community. We have also added news about our future plans for the landfill.

## IN THIS ISSUE

A Partner to the Community

Protecting the Environment

Our Future Plans

Get Involved & Stay Informed

*The Ridge* is a publication of Progressive Waste Solutions. © 2016

Progressive Waste Solutions





# A Partner to the Community

Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent. We are committed to being a good neighbour and a responsible partner in the communities we serve.

The Ridge Landfill contributes approximately $13 million directly and indirectly to the local community on an annual basis. On average, the Ridge Landfill generates direct and indirect benefits of approximately $9 million annually in salaries, construction and road maintenance, goods and services purchased, taxes, etc.

The Ridge Landfill also directly contributes over $4 million annually to the local community through:

- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed approximately $15.9 million to the Municipality.
- Significant financial contributions to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are allocated by a group of community leaders to projects and organizations that benefit the local community. The Trust has provided funding for the building of a Community Centre Park with the splash pad for children, the development of a new senior's centre and a youth drop in centre in downtown Blenheim. More information can be found at **www.ridgelandfill.com**.
- The Ridge provides an incentive to the Municipality of Chatham-Kent to reduce the amount of waste they deliver to the Ridge Landfill – the greater the tonnes diverted the more the municipality receives in additional funding. On average, Chatham-Kent receives close to $800,000 per year.



# Protecting the Environment

We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.

We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of nuisance issues such as litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.

We also work closely with the Ridge Community Liaison Committee which its members have made been very helpful in providing us input on wide range of operational and planning programs that we believe have improved the operation of the landfill.



"Progressive Waste Solutions is committed to creating a more sustainable future and constantly strives to ensure it operates to the most environmentally responsible management practices."

**– Cathy Smith, Project Manager**



# Our Future Plans

**Progressive Waste Solutions is proposing to continue the operation of its landfill and expand the Ridge Landfill. The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations.**

**Our future plans for the landfill include:**

- **The development of a biogas facility to convert landfill gas into a pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America.**
- **The expansion of a public drop-off depot to allow residents to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program. The facility would also allow businesses to segregate their recyclable from waste as a last chance harvest before final disposal.**
- **The construction of a new community activity centre to provide school children, community based organizations and the general public a place to meet and explore nature.**

"An annual royalty is paid to the Municipality of Chatham-Kent… which in 2015 amounted to $2.3 million. Since 2005, we have contributed approximately $15.9 million to the Municipality."

**– Tim Kozlof, Landfill Manager**



# Get Involved

Public input is very important to an expansion of the Ridge Landfill.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under Ontario's *Environmental Assessment Act* in a mandatory two-step process.

- The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. The ToR must be approved by the Ministry of Environment and Climate Change.
- The second step is conducting the EA. The EA would look at different ways to develop the facility, diversion alternatives, the potential for environmental effects and how effects could be mitigated.

Both steps will provide opportunities for consultation with neighbours, local residents and other stakeholders.

### Stay Informed

We know that people will have questions and will want to know that the environment, the enjoyment of their property and local businesses and agricultural activities will be protected. We will be consulting with our neighbours, residents and businesses in Charing Cross, Cedar Springs, Blenheim and the broader community of Chatham-Kent to discuss the project and understand their issues through a transparent process.

### Join us for the Open House

The public consultation process will begin with an Open House:

**Tuesday, May 3, 2016 @ St. Mary's Hall**
**94 George Street in Blenheim**
**from 5:00 to 8:00 pm.**

To keep informed on the process, ask questions or provide comments, please contact us at **www.ridgelandfill.com** or call us at 519-676-5000.

Google Maps




Map data ©2016 Google 1 km

# Appendix C

## *Media Articles and Transcripts*

# Ridge Landfill expansion sought

Apr 27 • Feature Story, Local News • 1 Comment on Ridge Landfill expansion sought

## CONNECT WITH US...

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Progressive Waste Solutions is in the process of applying for an expansion of operations at its Ridge Landfill site that could assure its viability for the next two decades.

Project manager Cathy Smith said the process involves having the province approve land within the site.

Only 350 acres of the 800-acre site is approved to accept waste. Approval by the Ministry of Environment and Climate Change would mean another 200 to 250 acres would be available.

The company will host a May 3 open house meeting in Blenheim to get residents' feedback. The open house is from 5-8 p.m. at St. Mary's Hall, 94 George St. in

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Chatham Voice
3 hrs

A little over a month away:
http://chathamvoice.com/…/ck-yo
slated-for-jun…/

CK youth festival slated
The Optimist Club of Chatham and
CHATHAMVOICE.COM

1 Comment Share

Blenheim.

Smith said her firm is also seeking approval to accept waste materials from across the province, although she doesn't expect there will be a major change in the way the site operates.




Chatham Mazda from Chatham Voice on Vimeo.

"There are two kinds of licences; those that allow us to accept material from adjacent areas and another that allows province-wide material.

If approved, it will just give us more flexibility to accept material if the need arises."

There would be no change in the type of waste permitted, nor would the site accept more than its current 1.3 million tonnes.

She said the plan should be submitted to the province by August with the earliest approval being toward the end of this year.

Development of the new portion of the site would still be four years away.

Smith noted in addition to taxes, the municipality receives $2.3 million as a royalty payment for hosting the site. The firm also makes donations to the Ridge Landfill Trust for community projects.

Like Share Tweet G+1 Share Share

## Comments

1 comments

### 1 Comment

Add a comment...



[redacted] Chatham, Ontario

Smith noted in addition to taxes, the municipality receives $2.3 r
hosting the site. The firm also makes donations to the Ridge Lai
projects.B.S. and WHAT A HELL OF DOWNPAYMENT""" on futu
look out there people of Chatham Kent at the mountain a stones
is a
Sorry state..... what a HELL Legacy we are leaving for my GRAI
Progressive Waste Solutions..I also noted How you controlled th
is your buisness and you full of it !!!!

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Facebook Comments Plugin

**Chatham-Kent** **landfill**

**ABOUT THE AUTHOR: JIM BLAKE**



Jim is a media professional with more than three decades of experience as a writer, editor and publisher. A founding member of the Canadian Managing Editors Association and former Governor of the National Newspaper Awards he has been recognized locally provincially and nationally. He has been honoured individually and as a member of news teams on many occasions for writing, editing and design work. A long-time community volunteer Jim has served as chair of the Chatham-Kent United Way, has assisted in community and municipal advocacy and planning groups and health care fundraising.

**1 Comment**



Add a comment...

# Owner wants to increase lifespan by 20 years



By Ellwood Shreve, Chatham Daily News
Friday, April 22, 2016 4:14:44 EDT PM



Plans are in the works by Progressive Waste Solutions Canada, Inc. to seek approval to expand the Ridge Landfill site by 200 to 250 acres that would add 20 years worth of capacity. Photo taken near Blenheim, Ont. on Friday April 22, 2016. (Ellwood Shreve, The Daily News)

BLENHEIM - The owner of the Ridge Landfill is seeking a 20-year expansion that would include permission to accept residential waste from across Ontario.

Cathy Smith, project manager with Progressive Waste Solutions Canada Inc., said Friday if Ministry of Environment and Climate Change approval is granted, the expansion of the landfill would be done on an incremental basis.

New “cells” would be constructed annually, ranging from 10 to 12 acres in size and designed to accommodate about a year's worth of waste, she told the Chatham Daily News.

“We construct a cell, we fill it, and then as we're nearing completion of that cell, we construct a new cell,” Smith said.

The landfill, which began operating 50 years ago, will reach its currently approved capacity by 2022.

The landfill site is 800 acres in size, with 350 acres now approved for disposal. Smith said the expansion would likely be in the range of 200 to 250 acres, depending on a final approved engineering design by the environment ministry.

Progressive Waste is initiating a study under the Environmental Assessment Act to expand the landfill. That study includes holding a public open house on May 3 when Progressive Waste and Dillon Consulting staff will be available to provide information. The open house is from 5-8 p.m. at St. Mary's Hall, 94 George St. in Blenheim.

Even if Progressive Waste receives approval to accept municipal solid waste from all of Ontario, it would not increase the annual 1.3 million tonnes capacity that currently exists at the landfill, Smith said.

“It's business as usual . . . we'd be operating in the exact same way that we've be operating,” she said. “It would just be for longer.”

Smith said the dynamics of the industry is fluctuating, with the province moving towards a Waste Free Ontario strategy to increase diversion of waste from landfills. The ability to accept municipal waste from all of Ontario gives Progressive Waste flexibility to maintain the same tonnage input to the site, she said.

However, Smith said it would not be practical, from a transportation perspective, for the Ridge site to receive municipal waste from either the northern or eastern parts of the province.

Having a province-wide permit in place would allow the Ridge Landfill to offer emergency capacity for municipalities, she said. A flooding situation would be an example.

The landfill currently has a permit to receive industrial, commercial and institutional waste from across Ontario as well as residenti waste from four surrounding counties – Essex, Lambton, Elgin and Middlesex.

Smith said the four surrounding counties have their own landfill capacity.

The province also has a strategy to see fewer landfills operating across Ontario, preferring larger well-run landfills, which Smith sa is a category the Ridge site falls into as one of the largest in Ontario.

Even with a strong push for waste diversion through recycling, Ontario is still facing a lack of landfill capacity. Smith cited a recent study by the Ontario Waste Management Association that determined if the amount of waste now going to Michigan remains in place, the province will run out of capacity in 16 years.

If Michigan decides to close its border to Ontario waste, she said the study says landfill capacity would expire in 11 years.

“The ministry definitely recognizes the need for capacity, there's no question about that.”

There is an economic benefit to the municipality to having the Ridge Landfill remain open, Smith said. According to a community newsletter by Progressive Waste, the landfill provides $13 million in direct and indirect benefits, including $9 million paid in salari to employees, construction and road maintenance, goods and services purchased, and taxes. There is also a $2.3-million direct annual royalty payment to the municipality for being a host community, plus another $1-million-plus construction to the Ridge Landfill Trust that helps fund area community projects.

Smith said these economic benefits disappear if the landfill cannot expand in order to continue operating.

Eshreve@postmedia.com

Twitter.com/DailyNewsES

# Proposed Ridge Landfill expansion would make it one of largest in Ontario



By Ellwood Shreve, Chatham Daily News
Tuesday, May 3, 2016 9:36:54 EDT PM



Paul Tomen, left, shows Cathy Smith, project manager with Progressive Waste Solutions Canada Inc., the location of his farm, near Charing Cross, Ont., which has a section that borders on the Ridge Landfill. Tomen is among the local residents who attended a public meeting in Blenheim, Ont. on Tuesday May 3, 2016, that provided details on a plan to extend the life of the landfill by 20 years. (Ellwood Shreve, The Daily News)

BLENHEIM - Landfills can be a thorny issue, especially when it comes to expansion.

Paul Tomen, 90, has lived beside the Ridge Landfill, near Blenheim, since it open in 1966. In fact, his 100-acre farm that runs between Charing Cross Road and Erieau Road, abuts the entire north side of the landfill.

“There's two different ways of looking at it,” he said. “We need a landfill . . . but you see nobody wants to live by a landfill.”

Tomen was among the local residents who attended an open house in Blenheim on Tuesday night, organized by Progressive Waste Solutions Canada Inc. (PWS), owner of the Ridge Landfill, to explain its reasons for seeking approval from the Ministry of Environment and Climate Change to extend life of the landfill for another 20 years.

The landfill is slated to reach its current approved capacity by 2022. The 800-acre site currently has 350 acres approved for disposal and PWS is seeking to expand that by 200 to 250 acres over the next 20 years. However, the company said this would be done incrementally with 10-12 acre cells being constructed annually to accept the 1.3 tonnes of waste permitted to be accepted each year.

Wes Muir, PWS director of public and government relations, said, “we're simply seeking a continuation.

“We're still accepting the same volume, we're just extending the years (because) we're running out of capacity.”

Muir noted if the expansion is approved, Ridge Landfill would become one of the largest landfills in Ontario at this current capacity rate.

Tomen said he's been hearing from neighbours about the proposed expansion.

“Some of the neighbours are against it,” he said, adding some figure they may have to move away.

“I haven't got the full explanation for it,” Tomen said after leaving the meeting.

Mike and Cindy Bokor, who live in Cedar Springs where they also run their business, Greatview Orchards, have a few concerns.

“What's it going to do to our land value once (the landfill) expands in the future?” Cindy Bokor said.

“From our market, we can see the landfill back behind us . . . and from our house, too,” Mike Bokor said, adding the proposed expansion will bring the landfill closer to their properties.

The couple have smelled the garbage from the landfill and have concerns about it getting worse if an expansion takes place.

Mike Bokor said PWS has indicated it has a water misting machine to help control the smell.

“Time will tell,” Cindy Bokor said, adding, “we'll just have to do some more questioning.”

While residents may be worried about land values, municipal officials look at the positive economic impact the landfill provides.

South Kent Coun. Frank Vercouteren points to the $1-million-plus annually the Ridge Landfill Trust provides for community projec as well as the millions in other direct and indirect benefits derived from the operation.

“I'm happy to see this, I think they've done a good job,” he said.

Fellow South Kent Coun. Trevor Thompson said the landfill has a “proven track record here in the community.”

Noting his home is only 2.5 kilometres from the site, Thompson said he hears the occasional complaints about the smell and nois

“I smell it once or twice a month,” he said. “By no means is it an issue.”

Thompson would be pleased to see the landfill continue for another 20 years, noting the municipality receives an annual $2.3 million host fee.

“If that money was gone, that's a two per cent tax increase for everybody in Chatham-Kent,” he said.

Rick Kucera, Chatham-Kent's manager of waste and recycling services, said not having a local landfill would be result in “awful expense” if the the municipality had to transport its garbage to another community.

In addition to the host fee, Kucera said Chatham-Kent also receives very favourable disposal rate of $33 a metric tonne.

“I don't think you can find that rate anywhere in Ontario,” he said.

“Most communities are paying two to three times what we pay,” he added.

Noting Chatham-Kent can't overlook the economic benefits, Kucera said, “at the end of the day, the environment is what matters first.”

He added as long as PWS “can protect the environment, and there's no further impacts to the community, it's definitely an encouraging proposal.”

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Twitter.com/DailyNewsES

# Development of biogas facility in works at Ridge Landfill



By Ellwood Shreve, Chatham Daily News
Wednesday, May 4, 2016 5:21:03 EDT PM



Ridge Landfill. (Ellwood Shreve, The Daily News)

Expanding the Ridge Landfill isn't the only future project Progressive Waste Solutions has planned for the site.

The company is currently working on plans to develop a biogas facility to convert landfill gas into pipeline-quality natural gas, saic Wes Muir, PWS director of public and government relations.

He said the local project would be about the same size as the biogas facility Progressive operates at its Lachenaie Landfill in eastern Montreal, which is the largest of its kind in Canada and among the largest in North America.

The biogas it taken from that landfill and turned into a “pipeline quality gas and put directly into pipelines and sent to customers in the United States,” Muir said.

According to the Renewable Energy From Waste magazine, the $44-million Lachenaie project, which began operations in March, designed to process 10,000 cubic feet per minute of incoming landfill gas. The gas generated is equivalent to fuelling 1,500 trucks for 20 years and will result in the avoidance of greenhouse gas emissions of 1.2 million metric tons of carbon dioxide over a 10-ye period.

Muir said the technology to convert landfill gas into electricity or pipeline-quality natural gas has been around for nearly 40 years and has been introduced to several landfills across North America.

This project was discussed during a public open house that Progressive held in Blenheim on Tuesday to discuss plans to seek permission from the Ministry of Environment and Climate Change to extend the life of the Ridge Landfill for 20 years by using another 200 to 250 acres of land.

The 800-acre site, which currently has approval for 350 acres to be use for garbage disposal, is expected to reach its current approved capacity by 2022.

Peter Shillington, former mayor of Blenheim, who attended Tuesday’s meeting, said the community was working on a deal at the time with former landfill owner BFI to install a generator to produce electricity from the landfill gas.

“The town was going to be a 50/50 partner with them (BFI),” he said.

Shillington said the deal was in the works around 1993-94, but then municipal amalgamation came along and “it died.

“Nobody's talked about it again, until now,” adding Shillington, who is not opposed to the landfill expansion.

Muir said the company originally looked at converting the landfill gas into electricity, but that changed after seeing the success wit the Lachenaie project.

“It's only been recently that we've seen a more of an increase in converting landfill gas into pipeline quality gas,” he said.

“Generally, it's a good investment and it's a great use of a resource that normally would simply be flared off,” Muir said. “Here we convert it into a renewable energy source that can be sent to customers locally and internationally.”

He said the project is not contingent on the environmental assessment needed to move forward on expanding the landfill.

While there is no definite start date, Muir said, “depending on permits and other issues, we could actually start the project fairly soon.”

Eshreve@postmedia.com

Twitter.com/DailyNewsES

*Article rank* | *5 May 2016* | *The London Free Press* | *Chatham Daily News*

# Biogas facility slated for Ridge Landfill site

CHATHAM — Expanding the Ridge Landfill isn't the only future project Progressive Waste Solutions has planned for the site. The company is currently working on plans to develop a biogas facility to convert landfill gas into pipeline-quality natural gas, said spokesperson Wes Muir. He said the local project would be about the same size as the biogas facility Progressive operates at its Lachenaie Landfill in eastern Montreal, which is the largest of its kind in Canada.

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BlackburnNews.com photo

# Blenheim Landfill Expansion Could Be Vertical



Zone Road 8, Bothwell, ON 519-695-2411

BY PAUL PEDRO NOVEMBER 18, 2017 6:05AM @PaulPedroNews

Work and public consultation is going smoothly to expand the 51-year-old Ridge Landfill in Blenheim.

Another public open house is scheduled for early in the new year.

Waste Connections of Canada Ltd., which owns and operates the landfill, expects to submit plans before Christmas for an environmental assessment to expand its capacity and life by an extra 20 years beyond 2021.

Project Manager Cathy Smith says it'll be at least 18 months before physical expansion work starts.

"We'd like to get it done sooner than later because the environmental assessment piece itself, the studies could take a year," says Smith.

The expansion will include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program and the construction of a new community activity centre.

The landfill receives non-hazardous industrial, commercial and institutional waste from across the province and local residential waste.

Smith says the landfill provides safe, local and economical disposal along with financial contributions to Chatham-Kent.

Smith says the landfill expansion could be vertical as well as horizontal.

"We do have an opportunity to visit a vertical expansion of parts of the old landfill because they were never developed to significant height," Smith says.

Smith says the overall landfill footprint may not end up being double because other options are being explored.

"It could be significantly smaller than that but until we get into the detailed design piece in the EA, we won't know what that looks like. So, it could be yes or no," says Smith.



Previous Story

ALUS Project Coming To CK

RST STRA
Intervention Risk Spe

Next Story

Community Improvement Group Gets CKPS Board Citation

# Appendix D

## *Open House Materials*

# Welcome
# to the Ridge Landfill Open House

We are committed to keeping our neighbours, local residents and the broader community informed about our operation and our future plans and hope you find the event informative.

Here you can learn about the proposed expansion and how you can be involved and stay informed.

Progressive Waste Solutions staff and consultants are available to answer any questions you may have as you read the presentation boards.

Progressive
Waste Solutions

# About Progressive Waste Solutions

Ridge Landfill Open House

Progressive
Waste Solutions

- Progressive Waste Solutions is a leading provider of comprehensive waste management services in Ontario as well as across Canada.
- We have earned a highly valued reputation for environmental protection, waste diversion and recycling and development of renewable energy projects.
- We are committed to the most environmentally responsible management practices.
- Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent.










# The Ridge Landfill

Ridge Landfill Open House

Progressive Waste Solutions

- Landfill operations began in 1966.
- Progressive Waste Solutions takes ownership and operation in 2005.
- Employs 23 persons.
- Landfill receives all Chatham-Kent residential waste.
- Landfill is expected to reach capacity in 2022.



# Environmental Management System

Ridge Landfill Open House

Progressive Waste Solutions

## We have an excellent environmental record at the landfill site.

- We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.
- We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.

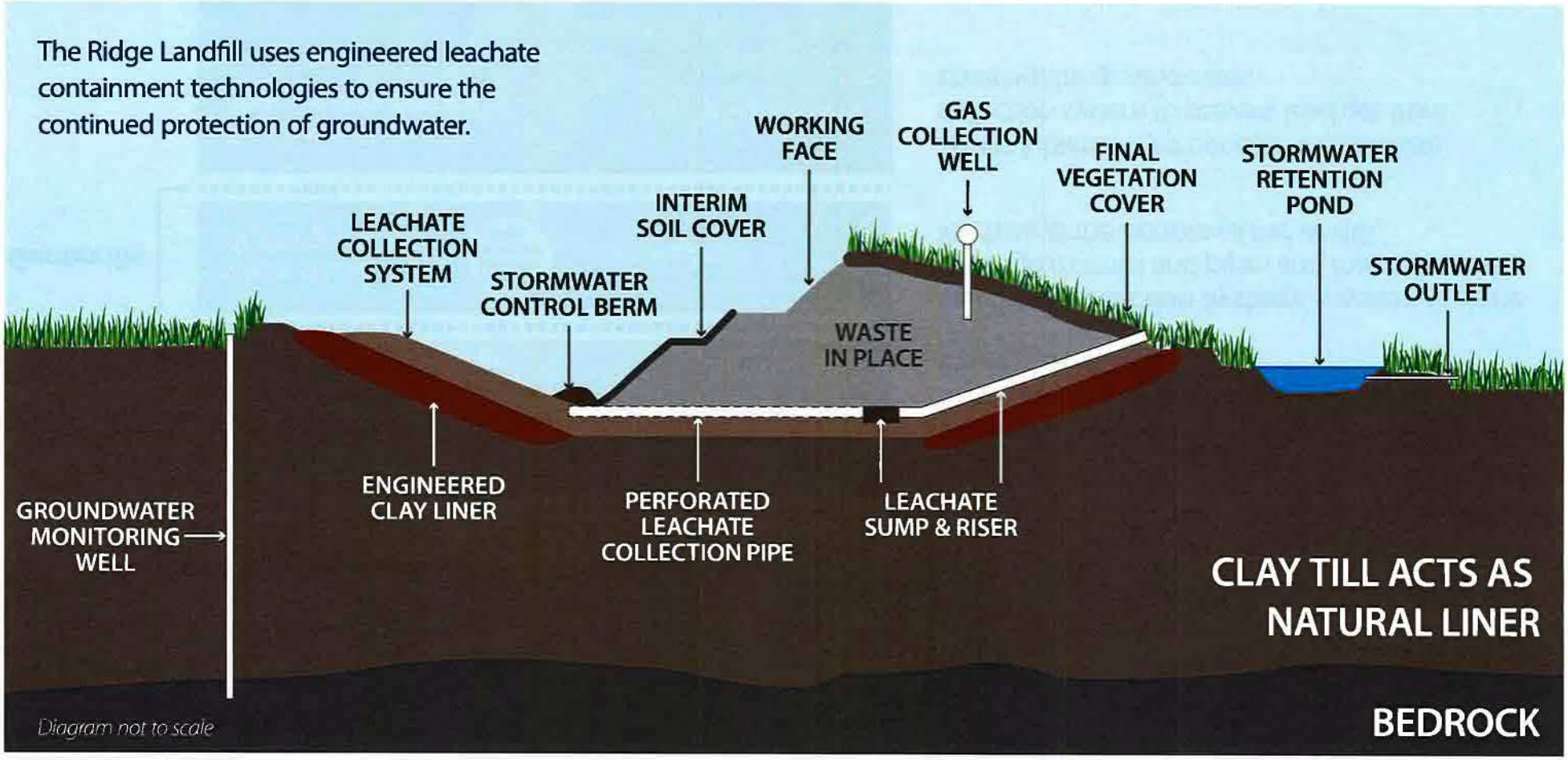


Gas collection well at the Ridge Landfill

# An Environmentally Engineered Landfill

Ridge Landfill Open House

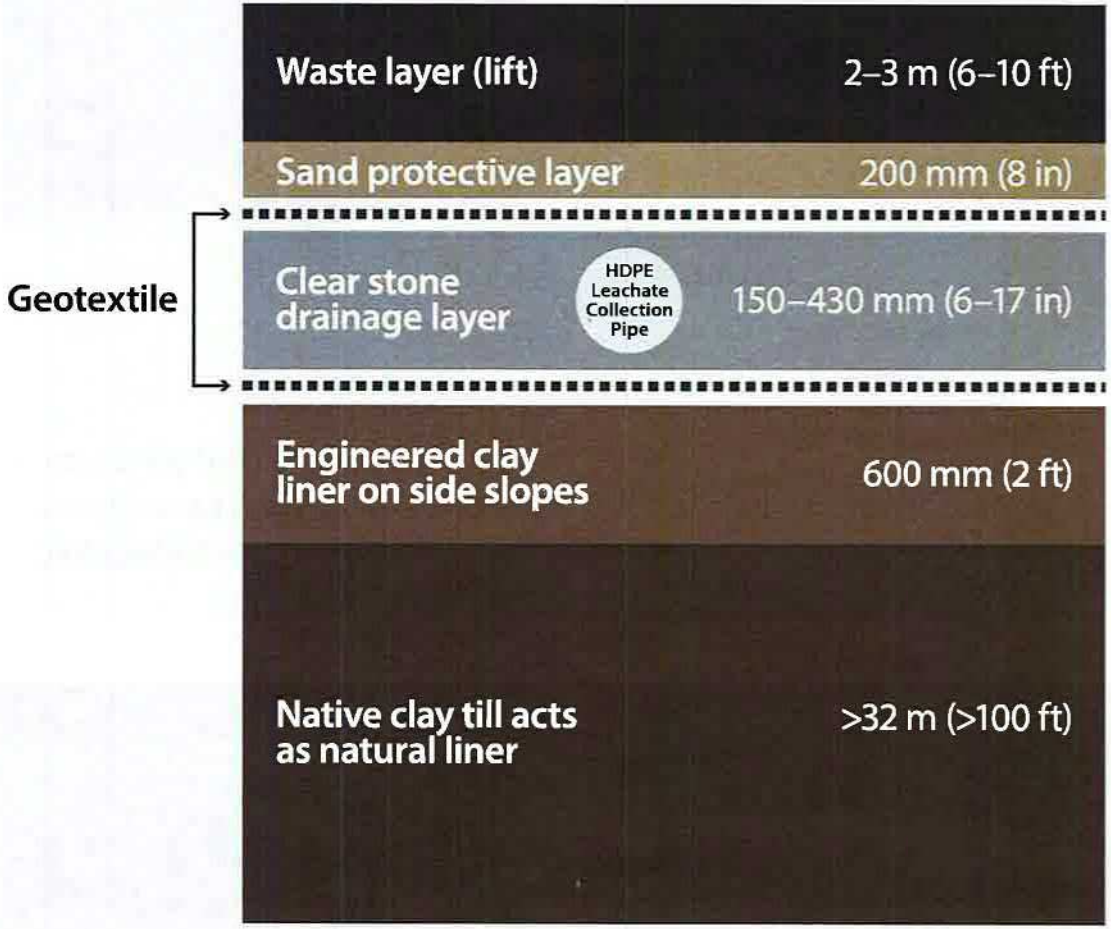
Progressive Waste Solutions



# Leachate Collection System

Ridge Landfill Open House

Progressive Waste Solutions




**Leachate:** Water (either from rain or decomposition of waste) that percolates through the waste.

**Leachate Collection System:** A system of stone drainage material and pipes and that collects the leachate at the bottom of the landfill.

**Liner:** A barrier layer beneath the leachate collection system to prevent leachate from entering the groundwater.

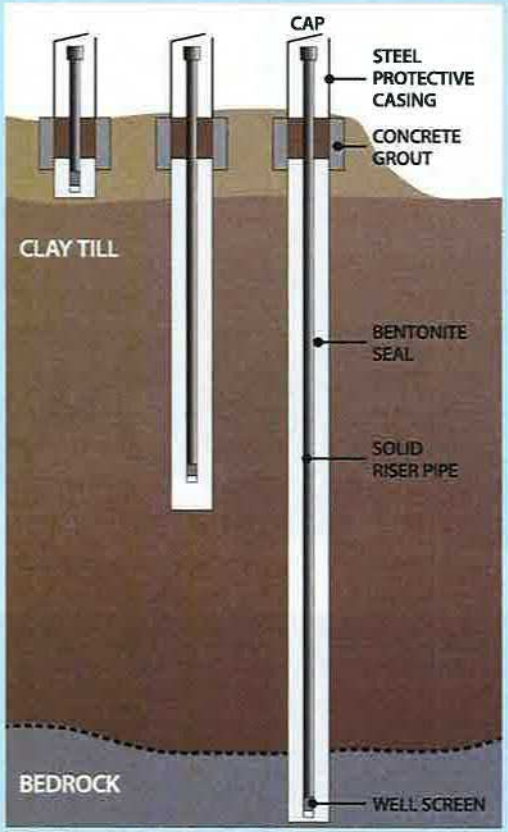
# Groundwater Monitoring System

Ridge Landfill Open House

Progressive Waste Solutions

- The Ridge Landfill has an environmental management system that monitors all aspects of the landfill including groundwater in and around the landfill.
- Annual monitoring of ground and surface water is conducted by a third party providing assurances the environment is being protected.
- There have been no impacts to the groundwater identified.

**Typical Groundwater Monitoring Wells**




Wells are placed strategically around the site to monitor groundwater at various depths.

# A Partner in the Community

Ridge Landfill Open House

Progressive Waste Solutions

**The Ridge Landfill contributes approximately $13 million directly and indirectly to the local community.**

- Appropriately $9 million is spent annually on salaries, construction and road maintenance, goods and services purchased, taxes, etc.
- We are committed to being a good neighbour and a responsible partner in the communities we serve.



**Progressive Waste Solutions supports Breast Cancer awareness.**

Last year, Progressive Waste placed the winning bid on this special pink collection can created by Curotto and the Susan G. Komen For The Cure Foundation. We are proud to have it in use with our collection fleet on the streets of the Municipality of Chatham-Kent, Ontario, reaching 35,000 persons.

# Community Host Agreement & Commitments

Ridge Landfill Open House

Progressive Waste Solutions

**Of the $13 million annual benefit, over $4 million is provided directly to the local community.**

- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed over $15.9 million to the Municipality.
- Significant financial contributions to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are to benefit the local community such as the building of the Community Centre Park and splash pad (see photos at right), a new seniors' centre and youth drop in centre in downtown Blenheim.
- The Ridge provides an incentive to the Municipality of Chatham-Kent to reduce the amount of waste delivered to the Ridge Landfill. The greater the tonnes diverted from disposal, the more the municipality receives in additional funding. On average, Chatham-Kent receives over $800,000 per year.





# Our Future Plans

Ridge Landfill Open House

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase.

Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.





Other future plans for the landfill include:

- The development of a biogas facility to convert landfill gas into a pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.
- The expansion of a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program.
- The construction of a new community activity centre.

# Our Future Plans: The proposed expansion

Ridge Landfill Open House

Progressive Waste Solutions

## Map of current site and potential expansion areas




- Approved Waste Disposal Area
- Proposed Expansion Waste Disposal Area
- Existing Woodlot Area
- Existing Woodlot Area to be relocated
- Proposed Woodlot Area
- Stormwater Pond
- Proposed Stormwater Pond
- Existing Berm
- Proposed Berm
- Progressive Waste Property Line

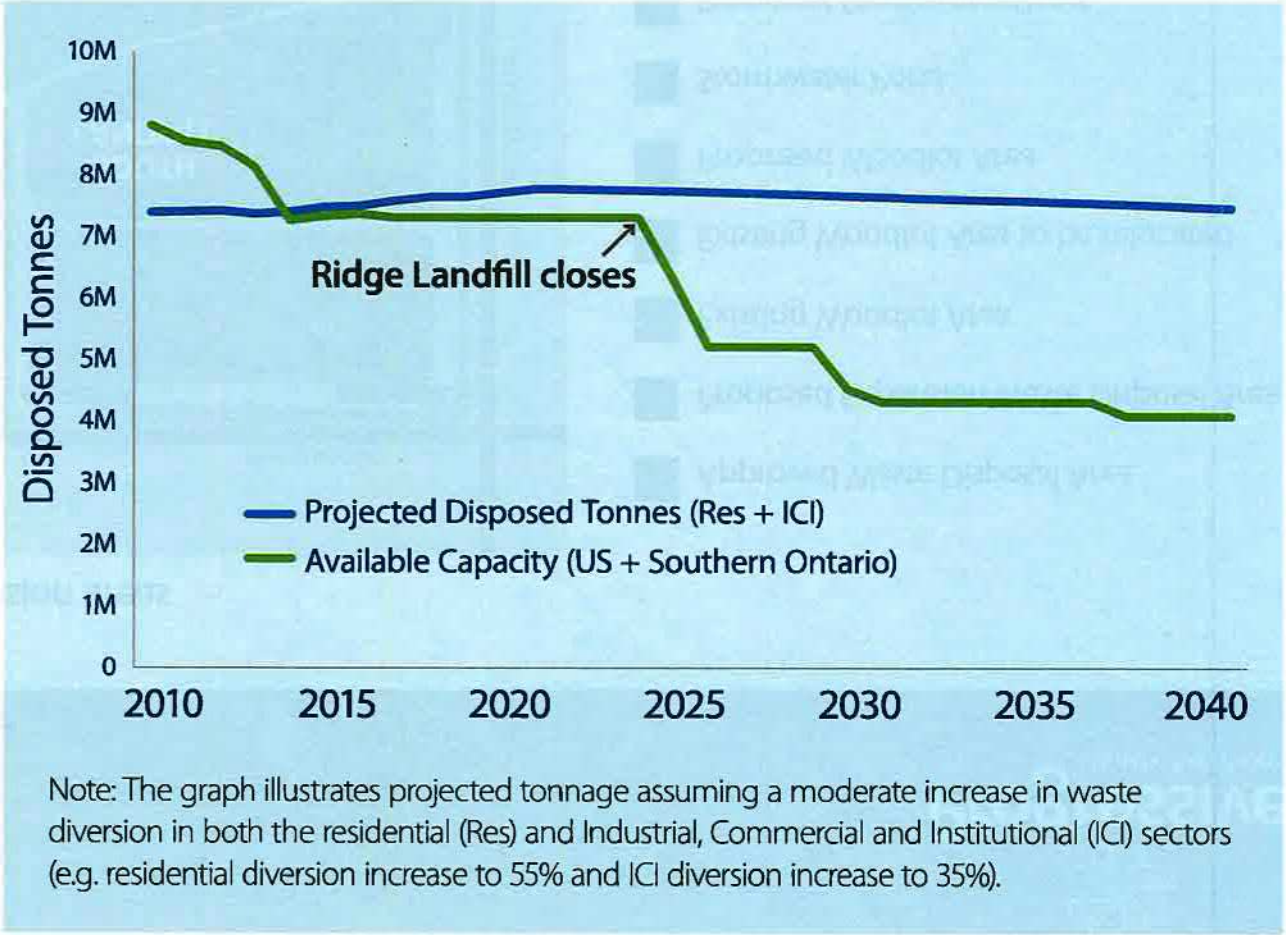
# Our Future Plans: Need for more capacity

Ridge Landfill Open House

Progressive Waste Solutions

Despite increased waste diversion, over 7 million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which could include the closure of the Ridge Landfill in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

# Our Future Plans: Alternatives to expansion

Ridge Landfill Open House

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

# Environmental Assessment Process

Ridge Landfill Open House

Progressive Waste Solutions

The proposed expansion of the Ridge Landfill requires approval under the Environmental Assessment (EA) Act. Two key steps must be completed. At each step, the Ministry of the Environment and Climate Change must provide for approval to proceed.

## Step 1

**Terms of Reference (ToR)**

- Outlines the EA 'road map', the activities and studies to be undertaken during the EA process for the proposed Ridge Landfill expansion.
- Includes consultation with the community.

## Step 2

**Environmental Assessment (EA)**

- Considers alternative ways of developing the Ridge Landfill.
- Documents potential environmental effects (positive and negative) of expanding the landfill.
- Develops a plan to reduce or eliminate negative impacts of the project.
- Includes consultation with the community.

# Terms of Reference

Ridge Landfill Open House

Progressive Waste Solutions

## The Terms of Reference will describe the following:

- Need for additional disposal capacity locally and in Southern Ontario.
- Alternatives to the proposed expansion that were considered.
- The natural environment and community characteristics around the Ridge Landfill that might be affected by the proposed expansion.
- Alternative ways the site could be developed to provide additional capacity to meet the need for an additional 20 years.
- Alternative methods to increase waste diversion.
- The process and criteria to be used to identify a preferred way to expand the landfill and assess potential effects.
- Technical studies planned to identify potential effects and determine mitigation.
- During the EA, the consultation that Progressive Waste Solutions will undertake will help the company understand community concerns and keep you involved in the project.

# Environmental Assessment Process

Ridge Landfill Open House

Progressive Waste Solutions

## Spring–Summer 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

# Get Involved

Ridge Landfill Open House

Progressive Waste Solutions

## Visit us at: **ridgelandfill.com**



Sign up to the **email list**



Fill out a **feedback form**


**Cathy Smith**
Project Manager
Progressive Waste Solutions Canada

519-676-5000
cathy.smith@progressivewaste.com

# Stay Involved

Ridge Landfill Open House

Progressive Waste Solutions

**During the Terms of Reference, consultation with the community will include:**

### Two Public Open Houses

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



# Thank you

Ridge Landfill Open House

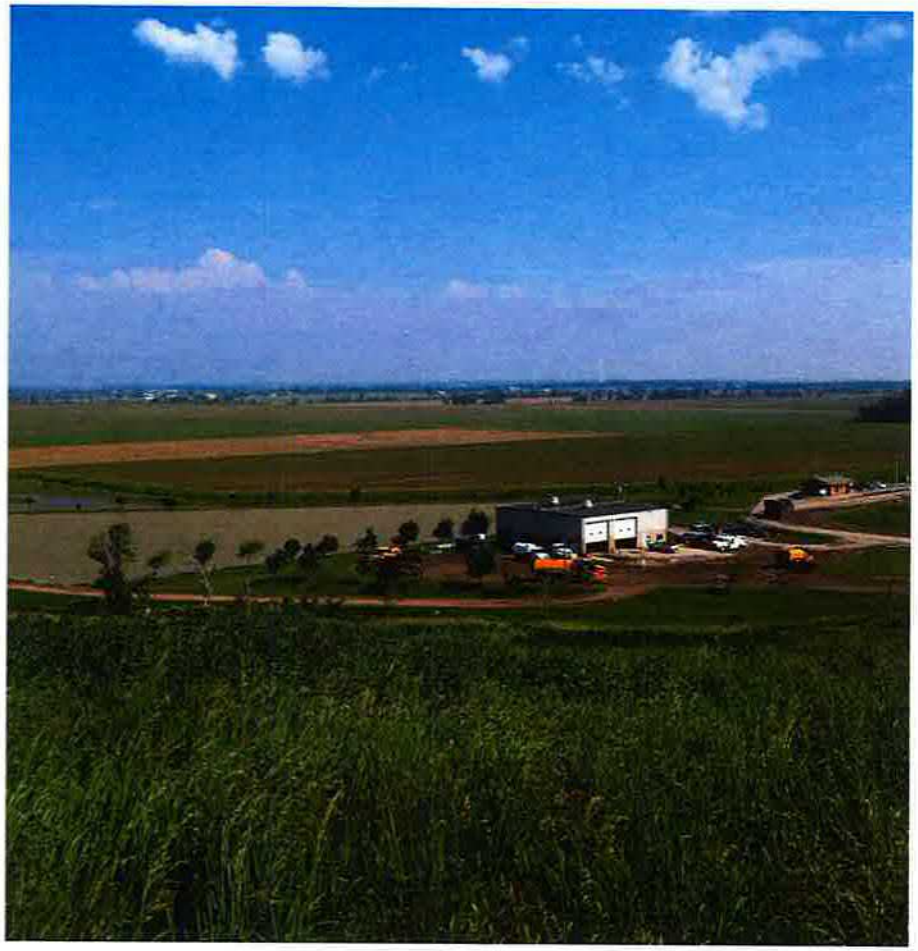
Progressive Waste Solutions

## We want to hear from you!

Your issues or concerns are important to us, and we want to know about them.

We want to ensure that your questions are addressed and that approaches to their resolution are developed and understood.

You can leave written questions or comments you have with us today, or send them to us anytime at: **ridgelandfill.com**



## Proposed Ridge Landfill Expansion

**May 3, 2016 Public Open House**

# Comment Form

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. How did you hear about this Open House? (please select one option)
   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☐ Letter
   - ☐ Other:_____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why:_____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   _____

   _____

   _____

   _____

   _____

   _____

4. Please complete if you would like to be added to the contact list for this project:

   Name _____

   Address_____

   Email_____Phone_____

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**
**Or you can contact us through our website.**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

# Welcome to the Second Ridge Landfill Expansion Open House

The purpose of this event is to keep our neighbours, local residents and the broader community informed about the proposed expansion and get your input on the draft Terms of Reference which is available at **www.ridgelandfill.com**

Progressive Waste Solutions staff and consultants are available to answer any questions you may have as you read the presentation boards.

Progressive
Waste Solutions

The Ridge Landfill Open House

# About Progressive Waste Solutions

Progressive Waste Solutions

- Progressive Waste Solutions is a leading provider of comprehensive waste management services in Ontario as well as across Canada.
- We have earned a highly valued reputation for environmental protection, waste diversion and recycling and development of renewable energy projects.
- We are committed to the most environmentally responsible management practices.
- Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent.










More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# The Ridge Landfill

Progressive Waste Solutions

- Landfill operations began in 1966.
- Progressive Waste Solutions takes ownership and operation in 2005.
- The facility employs 23 persons.
- The Ridge Landfill receives all Chatham-Kent residential waste, and industrial commercial waste from across Ontario.
- The landfill is expected to reach capacity in 2022.

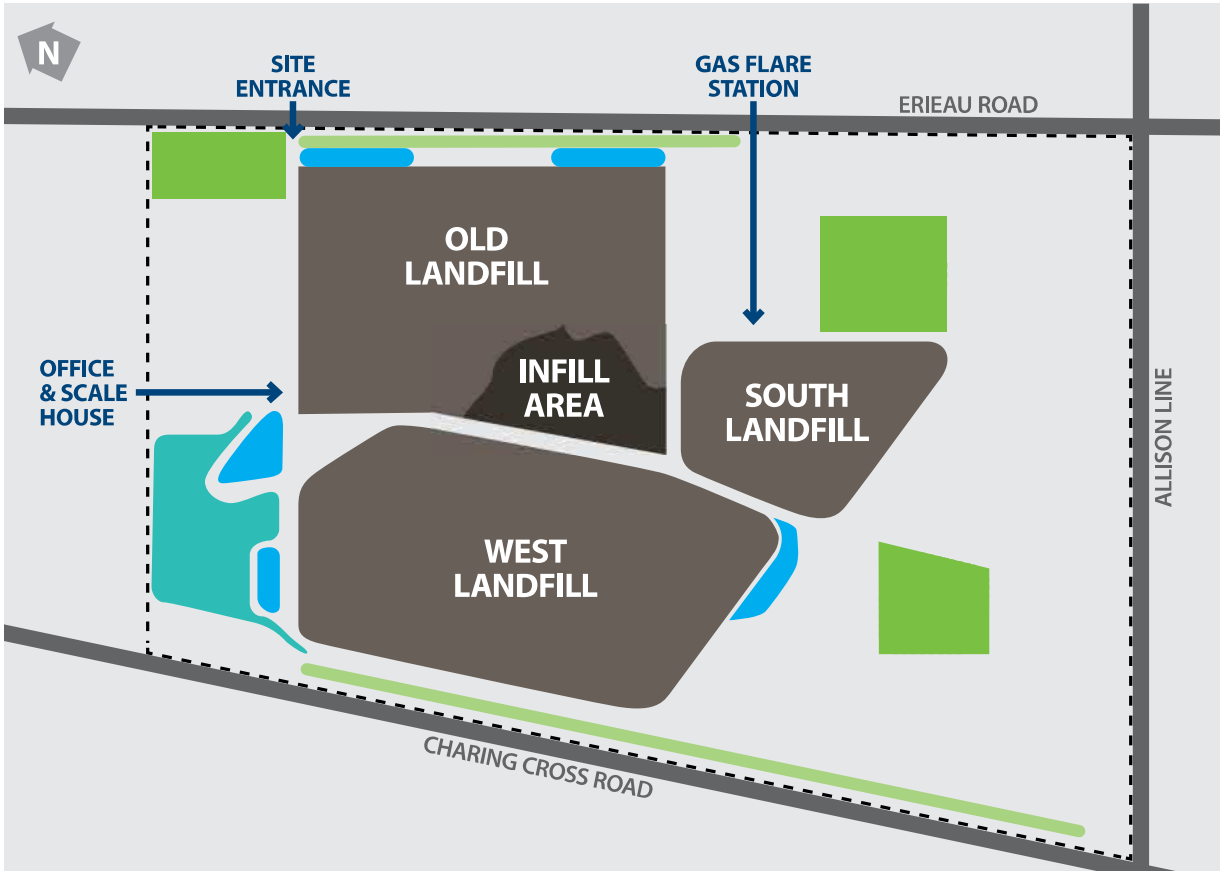



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# Current Landfill Site Operations

Progressive Waste Solutions




- Approved Waste Disposal Area
- Infill Area
- Existing Woodlot Area
- Existing Flood Control Facility
- Existing Stormwater Pond
- Existing Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Our Future Plans

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.

The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.

As a separate undertaking, Progressive Waste Solutions plans to develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.





More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# A Partner in the Community

Progressive Waste Solutions

## The Ridge Landfill contributes approximately $13 million directly and indirectly to the community. Of that:

- Approximately $9 million is spent annually on salaries, construction and road maintenance, goods and services purchased, taxes, etc.
- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed over $15.9 million to the Municipality.
- Significant financial contributions are made to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are to benefit the local community such as the building of the Community Centre Park and splash pad (see photos at right), a new seniors' centre and youth drop in centre in downtown Blenheim.





More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

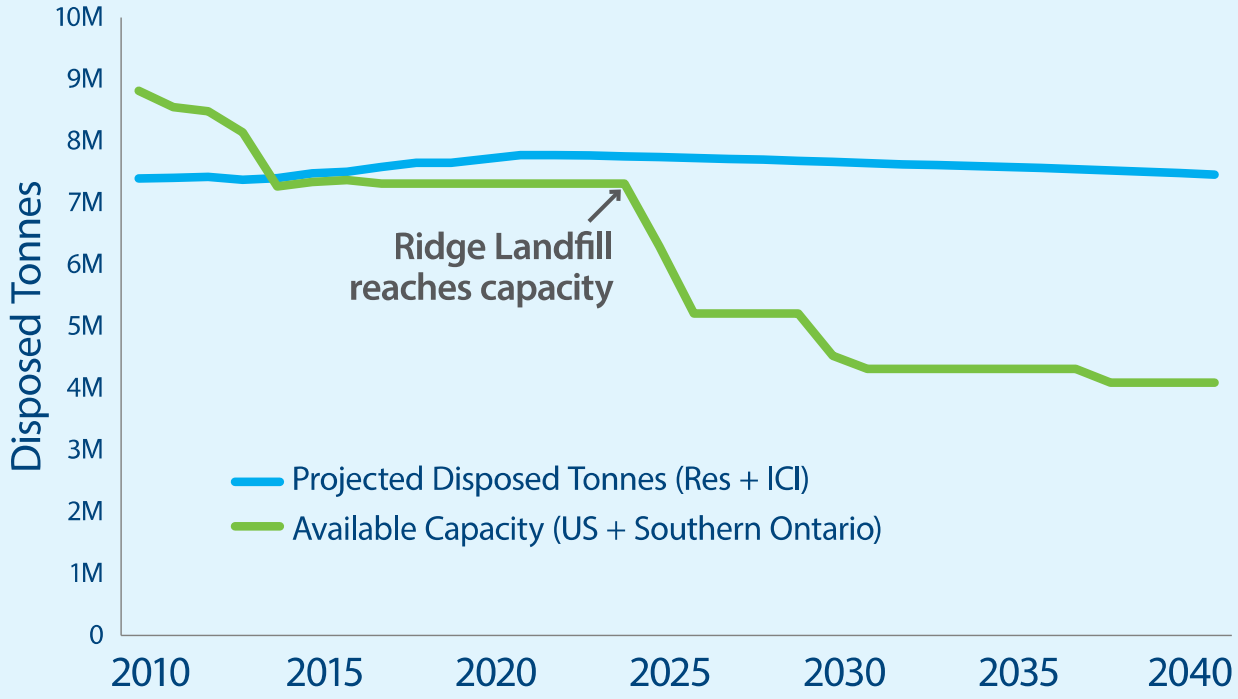
Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Need for More Capacity

Progressive Waste Solutions

Despite increased waste diversion, over seven million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which would include the Ridge Landfill reaching capacity in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Alternatives to Expansion

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Expand the Landfill with Waste Diversion

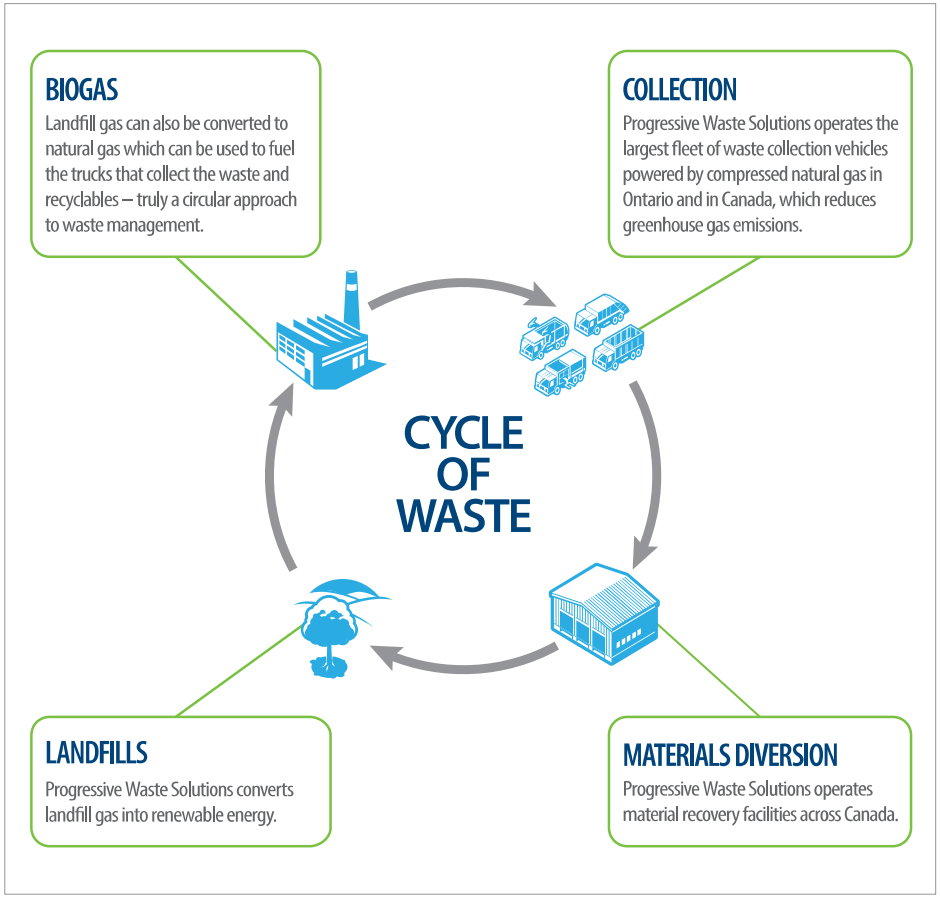
Progressive Waste Solutions

Progressive Waste Solutions will consider laterally expanding the current landfill and/or bring the height of the old landfill to same elevation as current landfill and/or mining the old landfill.

As part of the assessment, Progressive Waste Solutions will also consider the recovery of additional resources through enhanced diversion opportunities such as an expanded public drop-off area at the Ridge Landfill to divert additional recyclable materials (e.g. household hazardous, electronic wastes, etc.) and other recyclable materials that may be designated by the Province of Ontario.

Additional waste diversion opportunities will be identified by the Waste-Free Ontario Act and that are technically feasible and economically viable for Progressive Waste Solutions.

Should additional resource recovery occur at the Ridge Landfill there is the potential for additional traffic to the site and associated nuisance effects as well as potential nuisance effects from on-site processing activities (e.g. noise, dust, and odour).

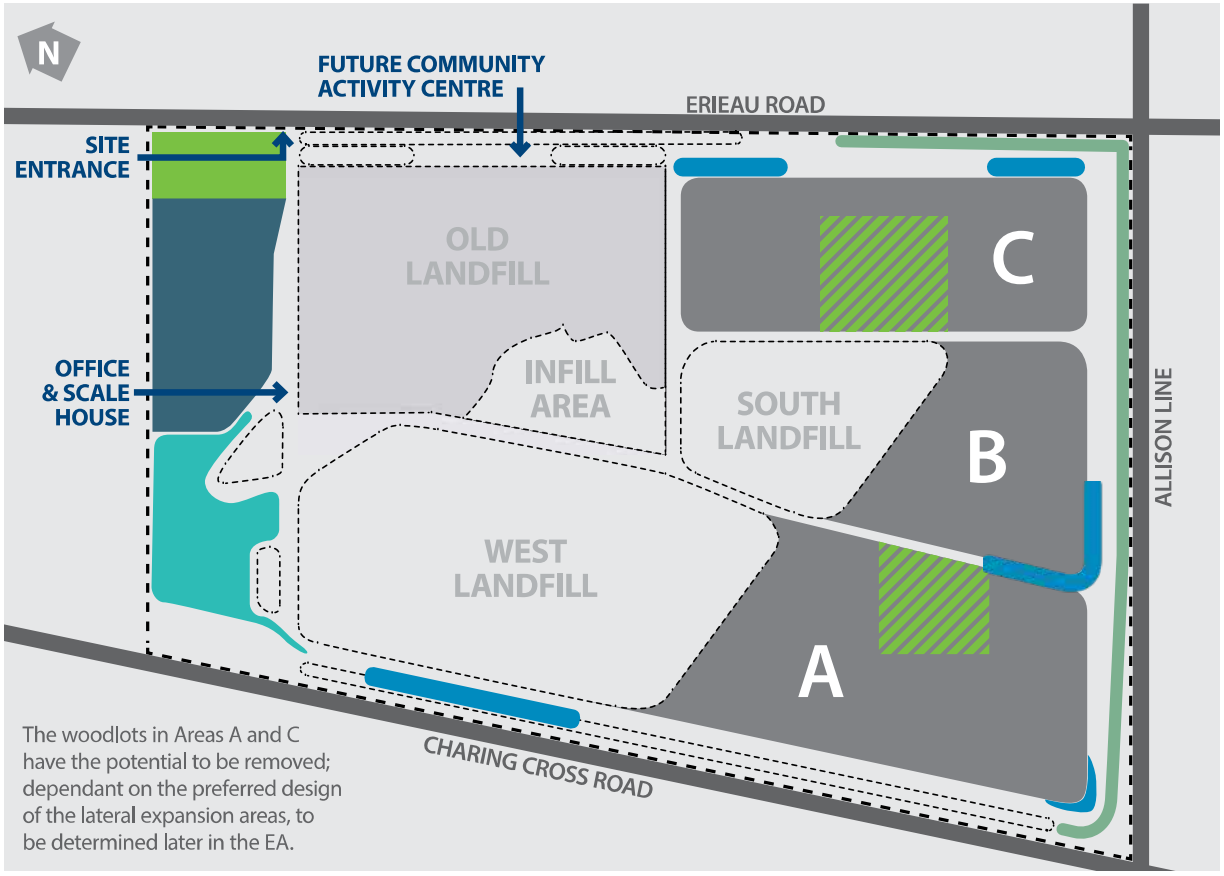



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# The Proposed Expansion

Progressive Waste Solutions




- Potential Lateral Expansion Areas
- Potential Vertical Expansion/ Landfill Mining Area
- Existing Woodlot Area
- Potential Flood Control/ Woodlot Compensation Area
- Existing Flood Control Facility
- Proposed Stormwater Pond
- Proposed Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# EA Milestones and Consultation Plan

Progressive Waste Solutions

## Notice of EA Commencement



## Confirmation of Alternative Methods



**PWS will develop the expansion alternatives, resource recovery alternatives, and confirm the evaluation criteria through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement
- Evaluation Criteria Workshop

## Evaluation of Alternative Methods



**PWS will evaluate the alternatives select the preferred site expansion and resource recovery alternative through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Assessment of Potential Effects & Development of Mitigation



**PWS will identify the preferred alternative and develop mitigation programs to eliminate or reduce negative effects through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Notice of Draft EA Review



**A draft and final EA document will be prepared for public and agency review.**

## Submission of Final EA Submission



**MOECC will make a decision based on the final submitted EA.**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

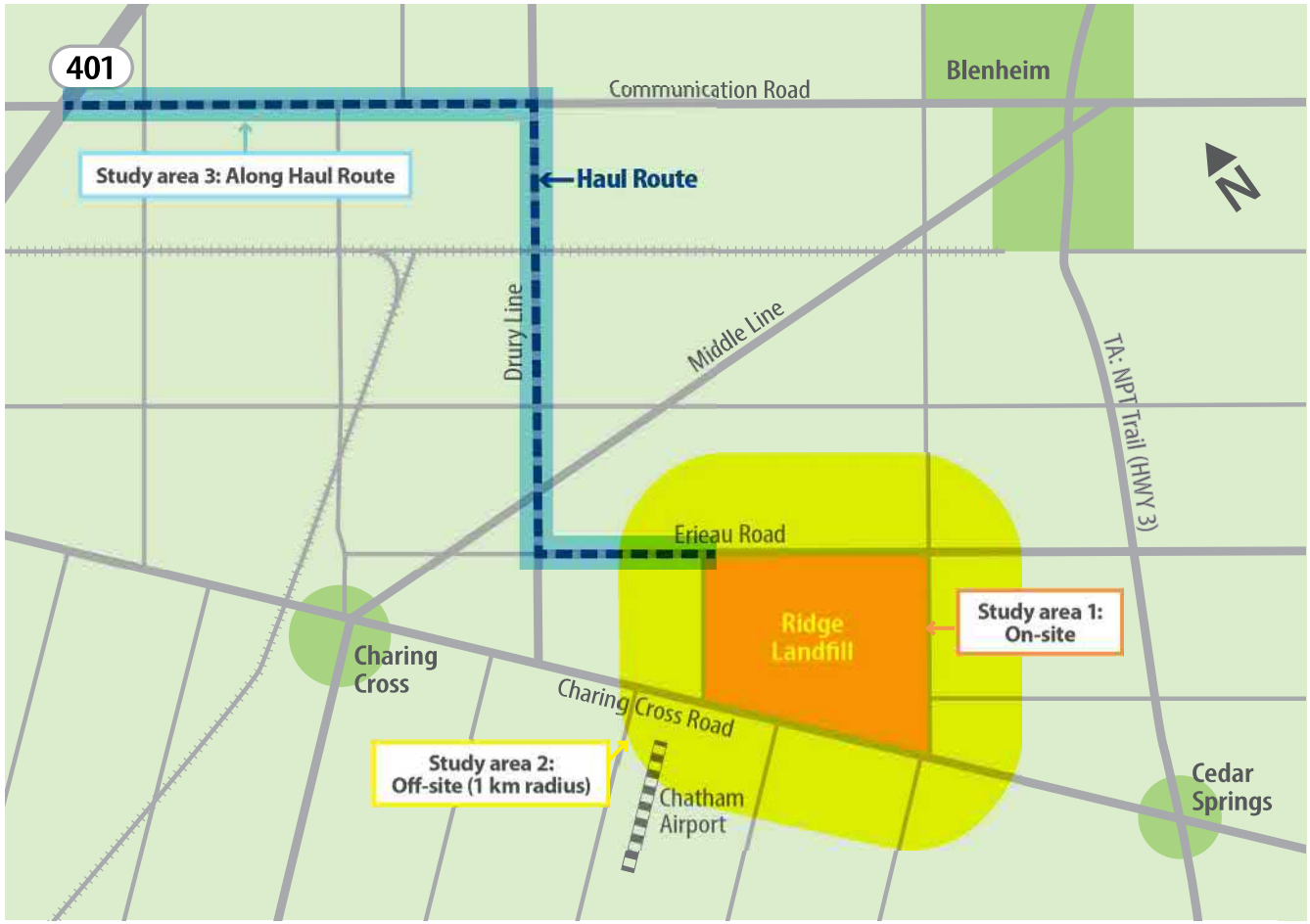
What will the EA Look At?

# Study Areas for the EA

Progressive Waste Solutions

PWS has identified three study areas to:

- confirm existing conditions
- create a common study area to evaluate site expansion alternatives, and
- identify and assess potential impacts of the preferred expansion alternative and establish mitigation to minimize effects.




Map of study areas

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



**Biology**
(e.g. fish, wildlife, woodlots and habitats)



**Geology/Hydrogeology**
(e.g. groundwater protection)



**Surface Water**
(e.g. on-site drains)



**Atmospheric**
(e.g. air, noise, dust and odour)



**Agriculture**
(e.g. disruption to local farm operations)



**Land Use**
(e.g. on other land uses)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



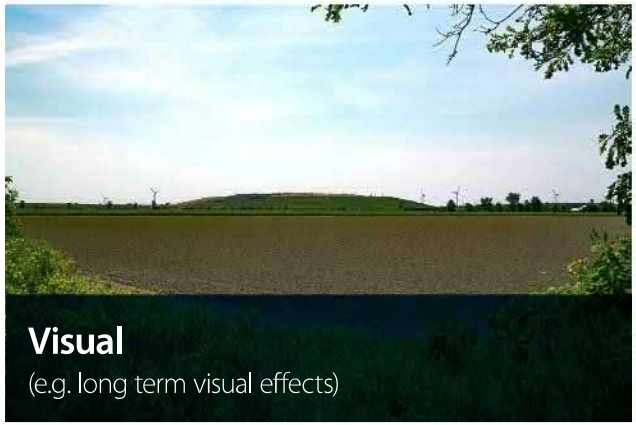
**Economic**
(e.g. the local economy)



**Archaeology/Cultural Heritage**
(e.g. local cultural heritage)




**Social**
(e.g. neighbours and residents)



**Visual**
(e.g. long term visual effects)



**Aviation and Bird Hazard**
(e.g. the use of the airport)



**Traffic**
(e.g. traffic flows)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# Environmental Management System

Progressive Waste Solutions

## We have an excellent environmental record at the landfill site.

- We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.
- We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.
- The EA will define any additional measures required to ensure the environmental integrity of the site going forward.



Gas collection well at the Ridge Landfill

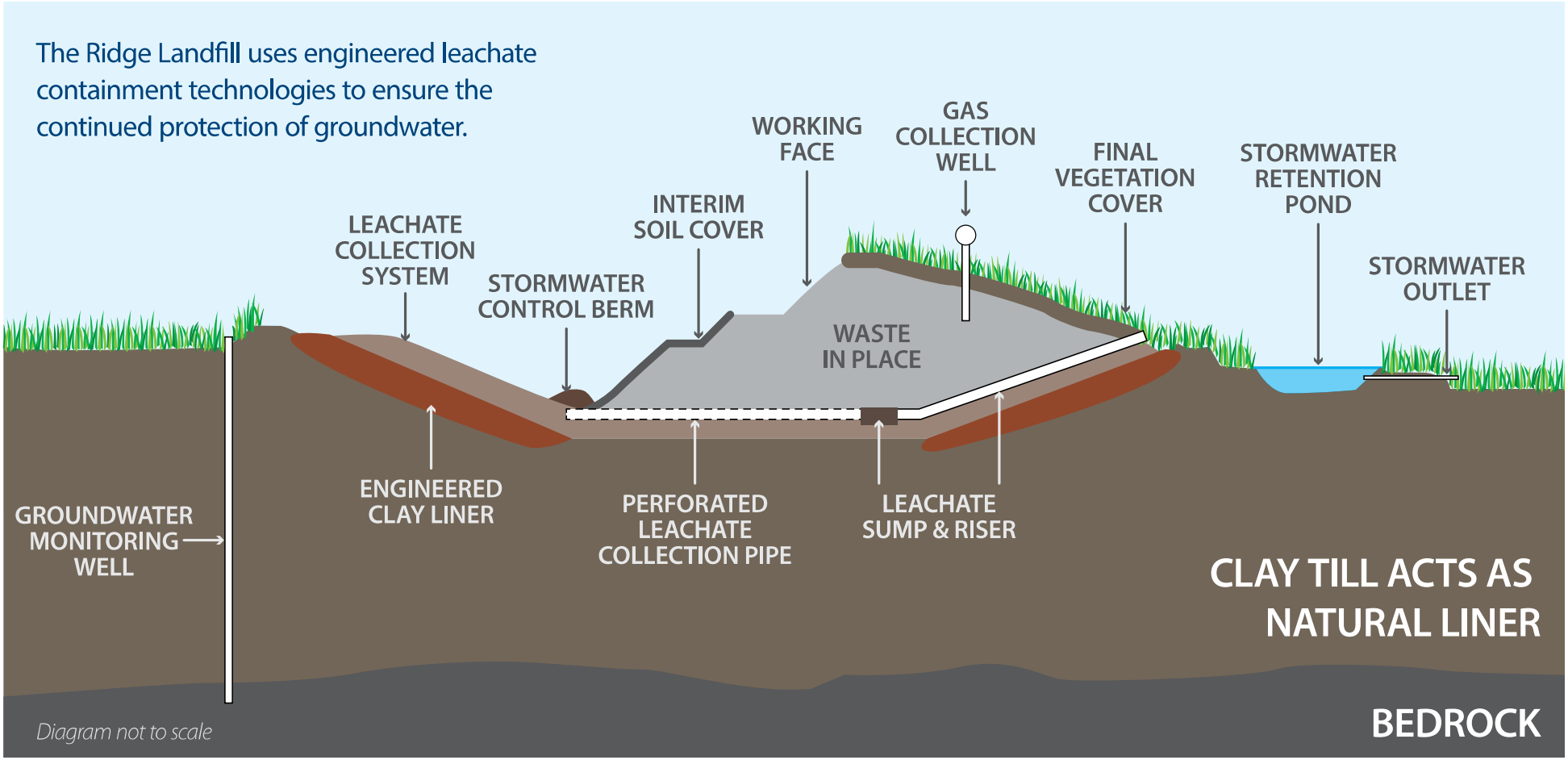
More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# An Environmentally Engineered Landfill

Progressive Waste Solutions

The Ridge Landfill uses engineered leachate containment technologies to ensure the continued protection of groundwater.

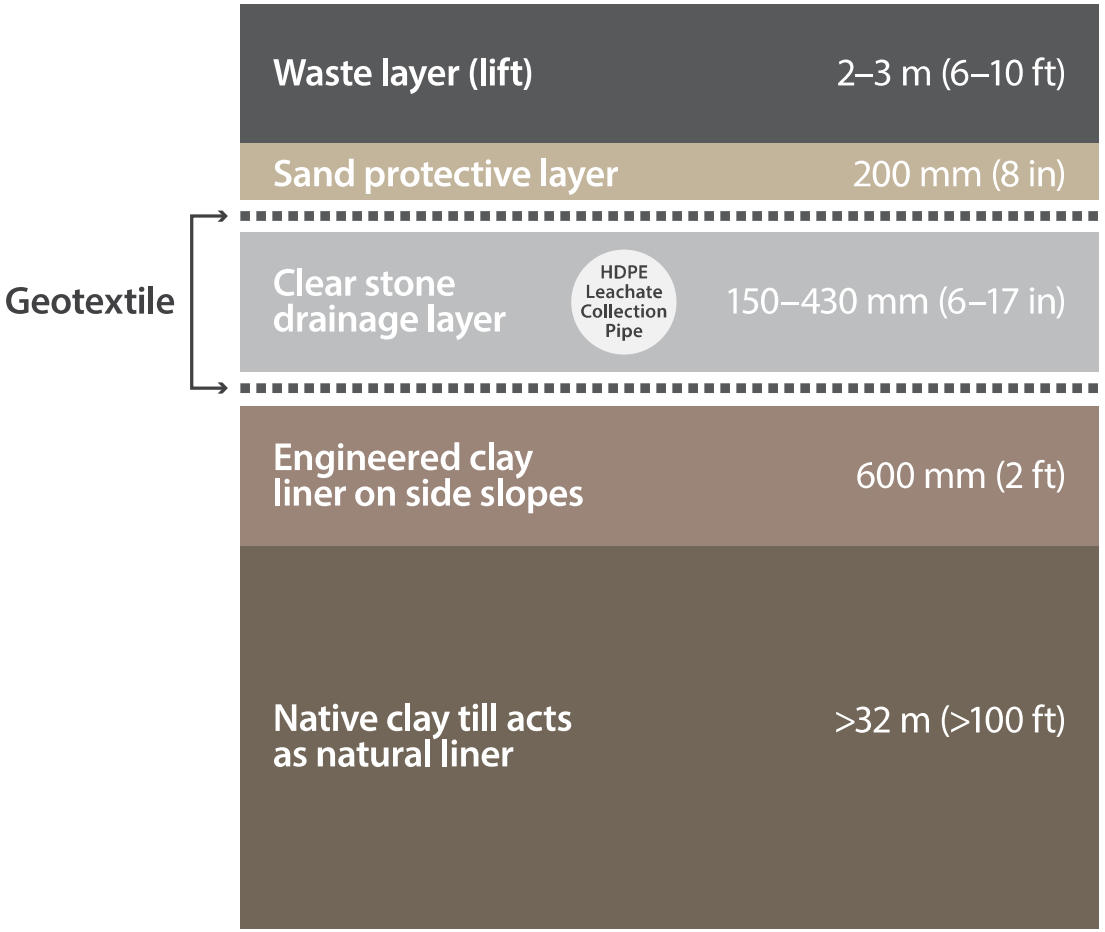



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# Leachate Collection System

Progressive Waste Solutions




**Leachate:** Water (either from rain or decomposition of waste) that percolates through the waste.

**Leachate Collection System:** A system of stone drainage material and pipes and that collects the leachate at the bottom of the landfill.

**Liner:** A barrier layer beneath the leachate collection system to prevent leachate from entering the groundwater.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

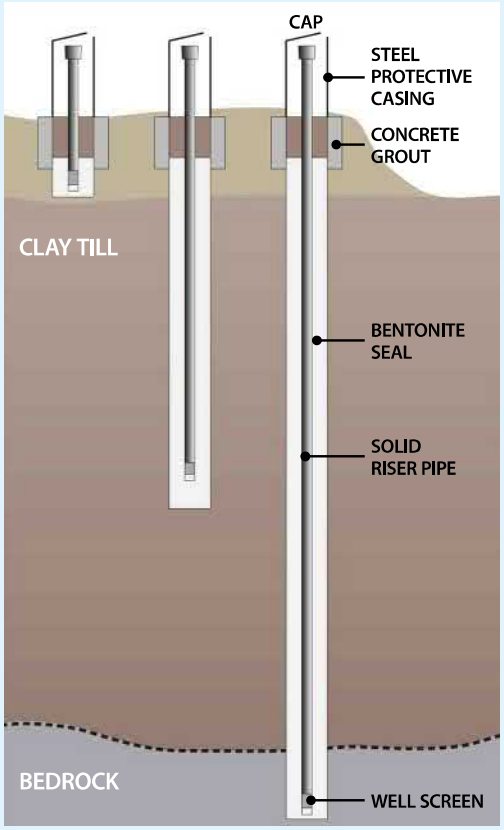
Environmental Management Today and into the Future

# Groundwater Monitoring System

Progressive Waste Solutions

- The Ridge Landfill has an environmental management system that monitors all aspects of the landfill including groundwater in and around the landfill.
- Annual monitoring of ground and surface water is conducted by a third party providing assurances the environment is being protected.
- There have been no impacts to the groundwater identified.

## Typical Groundwater Monitoring Wells




Wells are placed strategically around the site to monitor groundwater at various depths.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Environmental Assessment Process

Progressive Waste Solutions

## Spring–Fall 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings

**We are here**

- 30 day review of draft Terms of Reference (June 28–July 28, 2016)

### Terms of Reference Review

- Final review of Terms of Reference (TBA in Fall of 2016)
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# What We've Heard So Far

Progressive Waste Solutions

Progressive Waste Solutions has received comments and questions from local residents, the public and agencies and other stakeholders through the consultation process to date. The following summarizes comments raised by the public and other stakeholders:

- Requests for support and funding from the Ridge Landfill Trust;
- Concerns that the landfill might begin to accept residential waste from the City of Toronto thus increasing the potential traffic and nuisance effects associated with the landfill;
- Sentiment that the community has been host to the landfill for a long time and that the land should be returned to agricultural production;
- Support for the use of landfill gas as a resource;
- Concerns about odour attributed to the landfill;
- Interest in compensation and property value protection;
- Sentiment that the landfill negatively impacts people's enjoyment of their property;
- Concern about potential impacts to groundwater;
- Concerns about truck traffic and potential influence on local travel; and
- Support for increased diversion of waste.



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Stay Involved

Progressive Waste Solutions

## During the Terms of Reference and continuing through the EA, consultation with the community will include:

### Public Open Houses & Workshops

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Thank you

Progressive Waste Solutions

## We want to hear from you!

Your issues or concerns are important to us, and we want to know about them.

We want to ensure that your questions are addressed and that approaches to their resolution are developed and understood.

You can leave written questions or comments you have with us today, or send them to us anytime at: **ridgelandfill.com**



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Progressive Waste Solutions

# FREQUENTLY ASKED QUESTIONS

Progressive Waste Solutions (PWS) has received comments and questions from local residents, the public, government agencies and other stakeholders through the public consultation process to date on the proposed expansion. The following are some of the comments raised to date. A more detailed summary of questions and comments can be found in the draft Terms of Reference Record of Consultation at www.ridgelandfill.com.

| Comments & Concerns Received | Consideration of Comments & Concerns |
|---|---|
| How do organizations request support/funding from the Ridge Landfill Trust? | All requests for funding should be directed to the Ridge Landfill Community Trust at rlctrust@ciaccess.com |
| Will the proposed expansion lead PWS to accept residential waste from the City of Toronto thus increasing the potential traffic and nuisance effects associated with the landfill? | The City of Toronto owns and operates the Greenlane Landfill located west of London. PWS is not pursuing residential waste from the City of Toronto. |
| The community has been the host to the landfill for a long time. Shouldn't the land be returned to agricultural production? | Much of the Ridge Landfill property is already recognized in the Chatham Kent Official Plan as a waste management site. During the EA an agricultural assessment will be completed to determine the potential for the proposed expansion to impact farmland and farming. |
| Shouldn't the Ridge Landfill use the landfill gas its flaring as a resource? | PWS has plans for the development of a biogas facility at the Ridge Landfill which will convert landfill gas into pipeline quality natural gas. PWS owns and operates a similar facility in Quebec. |
| I'm concerned about odours from the landfill? | The Ridge Landfill has an odour management system in place that includes: the daily covering of waste to mitigate odours; a landfill gas collection system which collects and flares gas and; a portable misting system that can be moved around the landfill to suppress odours. PWS also has an odour complaint process as part of a broader nuisance compliant process that people can contact PWS if they believe they smell odours from the landfill. |
| Does PWS provide compensation and property value protection? | PWS provides compensation to residents living in proximity to the landfill and along the haul route based on the level of impact. Once the Environmental Assessment (EA) is completed, the company will review the existing compensation agreements. Property value protection are valid and legitimate concerns for any landowner and PWS will re-assess its program based on the results of the EA for the proposed expansion. |

| | |
|---|---|
| Will the proposed expansion negatively impact people's enjoyment of their property? | One component of the EA will be a social impact assessment. This will look at the potential for the expansion to negatively impact local residents and change their enjoyment of their property. |
| What are the potential impacts to groundwater? | The Ridge Landfill has an environmental management system in place that follows stringent Ministry of Environment and Climate Change regulations (MOECC). Annual independent groundwater and surface water monitoring is undertaken with reports submitted to the MOECC. |
| Will truck traffic increase due to the proposed expansion and how will it influence local travel? | With the proposed expansion, PWS is not seeking to increase the amount of the waste it will accept at the landfill, thus the level of truck traffic will not change. |
| Will there be increased diversion of waste at the Ridge Landfill with the proposed expansion? | PWS works with its customers to assist them increase the quantity of waste that is diverted so that it is disposing only residual waste at the landfill. Waste materials being received at the landfill are continually monitored and for those materials considered recoverable, PWS discusses with waste generators options to encourage at-source separation and recycling opportunities. |
| Will the height of the landfill increase with the proposed expansion? | The height of the landfill is restricted to 241.3 metres above sea level due to the proximity of the site to the Chatham Airport. The proposed expansion will stay within the maximum height allowed. |
| Flooding is a problem in the spring. Where will all the snow melt go if the site is expanded? | Currently there is a flood control facility at the site to manage spring melt conditions and the EA will look at the potential for the proposed expansion to impact drainage. |
| What is the potential for giving land back to the community at the site when the landfill is eventually closed? | There are situations where lands associated with closed landfills have been repurposed to provide beneficial use to the community. This will be considered during the preparation of the closure plan. |

## Proposed Ridge Landfill Expansion

June 28, 2016 Public Open House

# Comment Form

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. **How did you hear about this Open House?** (please select one option)
   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☐ Letter
   - ☐ Other:_____

2. **Were you provided with enough information at this Open House to understand the project?**
   - ☐ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why:_____

3. The Environmental Assessment (EA) will consider the potential for impacts on the following: Biology, Geology, Surface Water, Air/Noise/Odour, Agriculture, Land Use, Economic, Archeology/Cultural Heritage, Social, Visual, Aviation & Bird Hazard, Traffic. **Please identify which of these are most important to you and explain why.**

   _____

   _____

   _____

   _____

4. **Please provide any comments on the proposed scope of the Ridge Landfill Expansion EA.** *(please use the other side of this page if needed)*

   _____

   _____

   _____

   _____

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
Email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

# Appendix E

## *Public/Stakeholder Meetings and Comments*

DILLON
CONSULTING

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **CLC Pre-Consultation Meeting for the Ridge Landfill** |
| **DATE/TIME:** | **April 5, 2016, 4:00 pm to 5:00 pm** |
| **LOCATION:** | Gable-Rees Rotary Pool, 66 Regent St., Chatham-Kent, ON |
| **PRESENT:** | Cathy Smith (PWS), Brian Forrestal (PWS), Tim Kozlof (PWS), Jim Hawryluk (CLC), Frank Vercouteren (CLC), Trevor Thompson (CLC), John Vermey (CLC), Karen Herman (CLC), Megan Bellamy (Dillon Consulting) |

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Introduction

- Cathy will be the main contact person for the project; CLC members can also call Tim. Cathy can be contacted at 519-358-2860 or cathy.smith@progressivewaste.com
- PWS confirmed the purchase of Don Thompson's property.

Proposed Schedule

- Target public notification around April 20th, 2016
- Open House #1 will occur sometime at the beginning of May.
- **PWS will confirm with CK Council when they will receive a package about the project.**

Ridge Landfill Expansion Project

- The Landfill has been in operation since 1966. PWS wants to expand the lifespan of the landfill another 20 years, up to 2042, at the same annual disposal capacity (1.3M tonnes).
- PWS provided an overview of the site and existing fill areas (Old Landfill, Infill Area, West Landfill and South Landfill). PWS and Dillon provided an overview of the Landfill history and EA options. Several pre-EA studies have been completed to date including a Needs and Opportunities Assessment that considered the projected disposal capacity requirements for Southern Ontario, waste being sent to the USA, and other suitable locations for a new landfill. The study showed that additional waste capacity will be needed in Ontario well past the current capacity date of Ridge (2011) and that the Ridge is a prime landfill location due to the surrounding geology (i.e., natural clay).

- PWS and Dillon provided an overview of four potential "Alternatives to" to be explored in the Terms of Reference and subsequent EA: do nothing (i.e., Ridge closes when it reaches capacity in 2022), close the Ridge in 2022 and open a new landfill in another location, expand the life of the Ridge Landfill by increasing disposal capacity (maintaining annual tonnage), and expand the life of the Ridge Landfill but also include accommodation for resource recovery. Screening criteria were applied to all four alternatives and the fourth alternative is the preliminary preferred alternative.
- The CLC members were content with the idea of expanding the landfill.
- PWS is considering a gas utilization project that would be at the Ridge but separate from the expansion. The proposed gas plant project could be located on the PWS property on the other side of Erieau Road.
- PWS has a landfill gas facility at another site and it is working very well. Clean gas is entering the TransCanada pipeline. The gas facility has not moved forward yet due to a pending decision by MPAC about property taxes.
- Karen (CLC) asked PWS what the gas collection facility would look like and how much land it would require. Tim (PWS) indicated that it may all fit on one acre.
- PWS indicated that they are not expecting much (if any) community opposition to the project, since PWS has been a good local citizen and has a good relationship with the community. Business for PWS will continue as usual despite the recent acquisition by Waste Connections, and the company will continue under the PWS brand for its operations in Canada. The proposed expansion is considered beneficial for the residents of Chatham-Kent.
- Karen (CLC) asked if the meeting with Council to discuss the project will be open to the public or closed. The CLC members that are Councilors for Chatham-Kent indicated that they do not anticipate the municipal council having concerns with the proposed expansion.
- The mapping provided shows multiple cells that would be developed to allow for expansion of the landfill. The ultimate footprint of the expanded landfill will be determined during the EA. Increasing the height of the Old Landfill will be considered as part of the EA. It is currently at a much lower elevation than the newer cell areas.
- The haul route and site entrances would remain the same.
- It was asked if trees could be planted on top of the fill area once a cell is closed t naturalize the space. Brian (PWS) indicated that trees are not typically planted on top of fill areas since the roots may crack the cap on the fill.
- PWS may have to renew the Community Host Agreement with Chatham-Kent. This is to be discussed in greater detail with them.
- Karen (CLC) mentioned that the community may push back on PWS if the intention is for the Ridge to accept waste from all of Ontario. It would strengthen PWS' relationship in the community if PWS can present the gas plant project as a way to ensure environmental responsibility. This could increase public acceptance of the Ridge taking more residential waste for the purposes of capturing landfill gas.

- CLC members asked about the potential to "give the land back" to the community at the time of site closure. PWS indicated that this has been done in other areas (e.g., landfill area has been reclaimed as a ski hill or park area).

Action Items

| Action | Responsible Party |
|---|---|
| Confirm with Chatham-Kent when Council will receive a package about the proposed expansion. | PWS |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

DRAFT

# MEETING MINUTES

**Subject:** Chamber of Commerce
**Date and Time:** July 27th, 2016
**Location:** Chatham-Kent
**Our File:** 15-2456

## Attendees

| | |
|---|---|
| Cathy Smith | Progressive Waste Solutions |
| Gail Bishop | Chamber of Commerce, President |

## Notes

| Item | Discussion | Action By |
|---|---|---|
| *1.* | Cathy Smith walked Gail Bishop, Chamber of Commerce President and CEO, through a hardcopy presentation of the expansion project. | |
| *2.* | A key focus of discussion was waste diversion in general and ultimately improved recycling/greater segregation of recyclables in the downtown. | |
| *2.1.1.* | Cathy discussed the intent during the EA to collaborate with Chatham-Kent on ways to improve recycling programs and that favourable discussions have been held with Rick Kucera on that matter. | |
| *3.* | Discussion was had on the economic significance of the project to local businesses with respect to the alternative of what would likely be a more costly option of shipping waste out of Chatham-Kent (versus the expansion. | |
| *3.1.* | Discussed other local economic benefits of supply of goods and services by local businesses to the Ridge Landfill. | |
| *4.* | Gail asked what role the Chamber could have, Cathy suggested that the Chamber stay informed and could respond to basic inquiry/discussion as it relates to the expansion and the benefits of the expansion (as described above) and further that the Chamber now was aware of how to contact PWS should any Chamber members have inquiries. | |

## Errors and/or Omissions

These minutes were prepared by Catherine Allan who should be notified of any errors and/or omissions.

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **Ridge Landfill EA – Kent Federation of Agriculture Project Introduction Meeting** |
| **DATE/TIME:** | **August 9, 2016 7:30-8:30pm** |
| **LOCATION:** | University of Guelph Ridgetown Campus Agronomy Building, 120 Main Street East, Ridgetown ON, N0P 2C0 |
| **PRESENT:** | Kent Federation of Agriculture: Ron Faubert, Alice Uher, Harry Lawson, Harvey Handsor, Bill Parks, Scott Kilbride, Mary Anne Udvari, Katrina Sterling, Mike Vannieywenhuyze, Ken Dawson, Kathy Delanghe<br>Progressive Waste Solutions: Cathy Smith, Tim Kozlof<br>Dillon Consulting Limited: Megan Bellamy |

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Notes

- The members of the Kent Federation of Agriculture (KFA), Progressive Waste Solutions (PWS) and Dillon Consulting introduced themselves.
- Cathy introduced PWS as a waste management company whose core services include hauling, collection and landfilling. PWS also has a strong interest in the production and utilization of landfill gas, and has a gas utilization facility at their Lachinae landfill in Quebec.
- PWS has a reputation for being a good neighbour in the community and has been reaching out to local groups (such as KFA) to discuss the proposed expansion of the landfill and the environmental assessment (EA) process.
- Chatham-Kent is the host community for the Ridge Landfill, which has been operating since 1966. The total area of the site is 738 acres. From 1966-1999, the Old Landfill was filled. Currently, the West Landfill is being filled. This is expected to be full shortly and the South Landfill will start to be filled in the next few years. The entirety of the landfill is expected to reach capacity by 2022.
- PWS was asked about height restrictions because of the proximity of the airport and PWS advised the restriction is 120 feet.
- The landfill receives residential waste from Chatham-Kent and industrial, commercial and institutional (IC&I) waste from Southern Ontario (although is permitted to receive IC&I waste from all of Ontario). The landfill does not accept hazardous waste, nor does it accept liquid waste in bulk form.

- Gas produced by the landfill is collected and flared on-site through gas wells. Each flare has a capacity to handle 2200 scfm. Union Gas has shown interest in our landfill gas. There is potential for the gas facility to be placed on the property across the street from the landfill (Vermey property).
- The Ridge Landfill has an active environmental management program that adheres to strict requirements for groundwater and surface water, as required by the Ministry of the Environment and Climate Change (MOECC). The environmental management system also addresses litter, odours, and bird management.
- Leachate is controlled on the site through a leachate management system. The leachate is collected and transferred to the Blenheim waste water treatment plant. When asked if the expanded landfill would produce more leachate than the current system could handle, PWS indicated that the landfill is actually producing less leachate than in the past, and that the treatment plant would be able to handle additional volume from an expanded landfill.
- Odour is controlled by collecting and flaring the landfill gas, along with the use of portable odour machines and by placing daily cover over the active face. When there are power outages this shuts the flare system down. The daily cover used to address odour comes from the site, when alternative daily cover cannot be brought in.
- PWS was asked if bentonite is used as daily cover and responded that bentonite is not used as daily cover, but is used to seal boreholes.
- Groundwater and surface water are monitored by an independent third party at the landfill. This has been taking place for well over 30 years with no issues to date.
- The Ridge Landfill Community Trust is an independent group that determines where funding will be spent. The funds have been allocated to Charing Cross and Blenheim and surrounding areas and have supported projects such as the senior's centre, a new park in Blenheim and baseball diamond in Charing Cross. If the landfill were expanded, the annual fill rate would stay the same. PWS is seeking to amend their permit to receive residential waste from all of Ontario. Currently, residential waste is only received from Chatham-Kent.
- The provincial government is placing an emphasis on increased waste diversion, but also recognizes the ongoing need for waste disposal capacity in Ontario in the future. As part of the EA, PWS is considering adding a public drop-off facility at Ridge. This would complement the existing Chatham-Kent transfer stations. The percentage of waste that can be diverted from the landfill per 100 tonnes is dependent on the type of waste that comes to the landfill. PWS operates to segregate waste at-source, so the waste coming to the Ridge is residual.
- The proposed areas of expansion would all be on PWS-owned property.
- When asked about the potential removal of the woodlots on-site, PWS explained that removed woodlot would be replaced through compensation either on-site or off-site within the same ecoregion. The KFA expressed support for the fact that this approach is aligned with the Tree Policy that the KFA contributed to developing.
- Dillon provided an overview of the steps in the EA, explaining that the draft Terms of

Reference (ToR) was under review with the Ministry of the Environment and Climate Change (MOECC), and that after comments were received, a final ToR would be submitted to the Ministry for approval. During the EA stage of the project, detailed studies will be undertaken on a variety of technical subjects including bird hazards, socioeconomics, noise, air quality, agriculture, biology, etc. The KFA acknowledged that the agricultural land in the areas adjacent to the landfill is not good quality.

- When asked about the proposed work at Hwy 401/Hwy 40 and how this could affect the haul route, PWS indicated that they understood there would be nightly closures but that the road would still be available for use during the day.

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# Ridge Landfill Expansion

**A presentation to the Kent Federation of Agriculture**

August 9th, 2016

Progressive
Waste Solutions

The Ridge Landfill Open House

# About Progressive Waste Solutions

Progressive Waste Solutions

- Progressive Waste Solutions is a leading provider of comprehensive waste management services in Ontario as well as across Canada.
- We have earned a highly valued reputation for environmental protection, waste diversion and recycling and development of renewable energy projects.
- We are committed to the most environmentally responsible management practices.
- Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent.










More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

# The Ridge Landfill

Progressive Waste Solutions




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# The Ridge Landfill

Progressive Waste Solutions

- Landfill operations began in 1966.
- Progressive Waste Solutions takes ownership and operation in 2005.
- The facility employs 23 persons.
- The Ridge Landfill receives all Chatham-Kent residential waste, and industrial commercial waste from across Ontario.
- The landfill is expected to reach capacity in 2022.

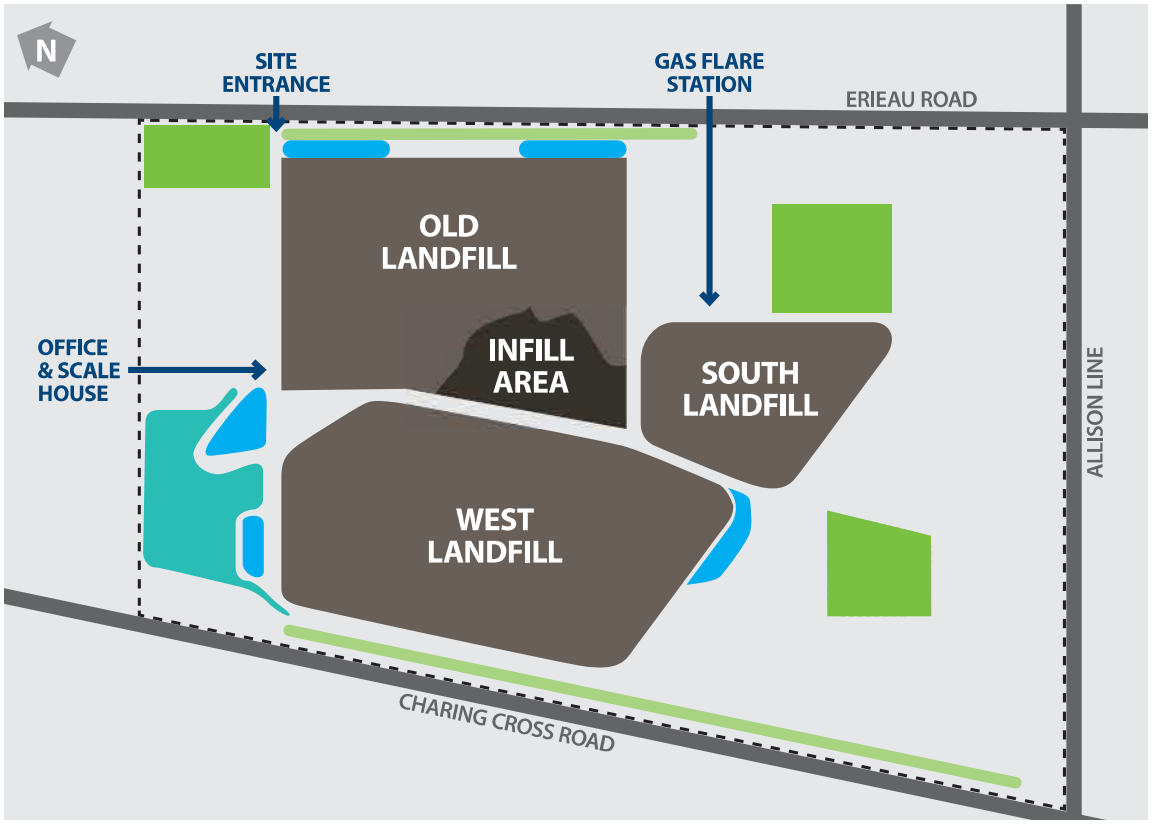



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# Current Landfill Site Operations

Progressive Waste Solutions




- Approved Waste Disposal Area
- Infill Area
- Existing Woodlot Area
- Existing Flood Control Facility
- Existing Stormwater Pond
- Existing Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# Environmental Management System

Progressive Waste Solutions

## We have an excellent environmental record at the landfill site.

- We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.
- We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.
- The EA will define any additional measures required to ensure the environmental integrity of the site going forward.



Gas collection well at the Ridge Landfill

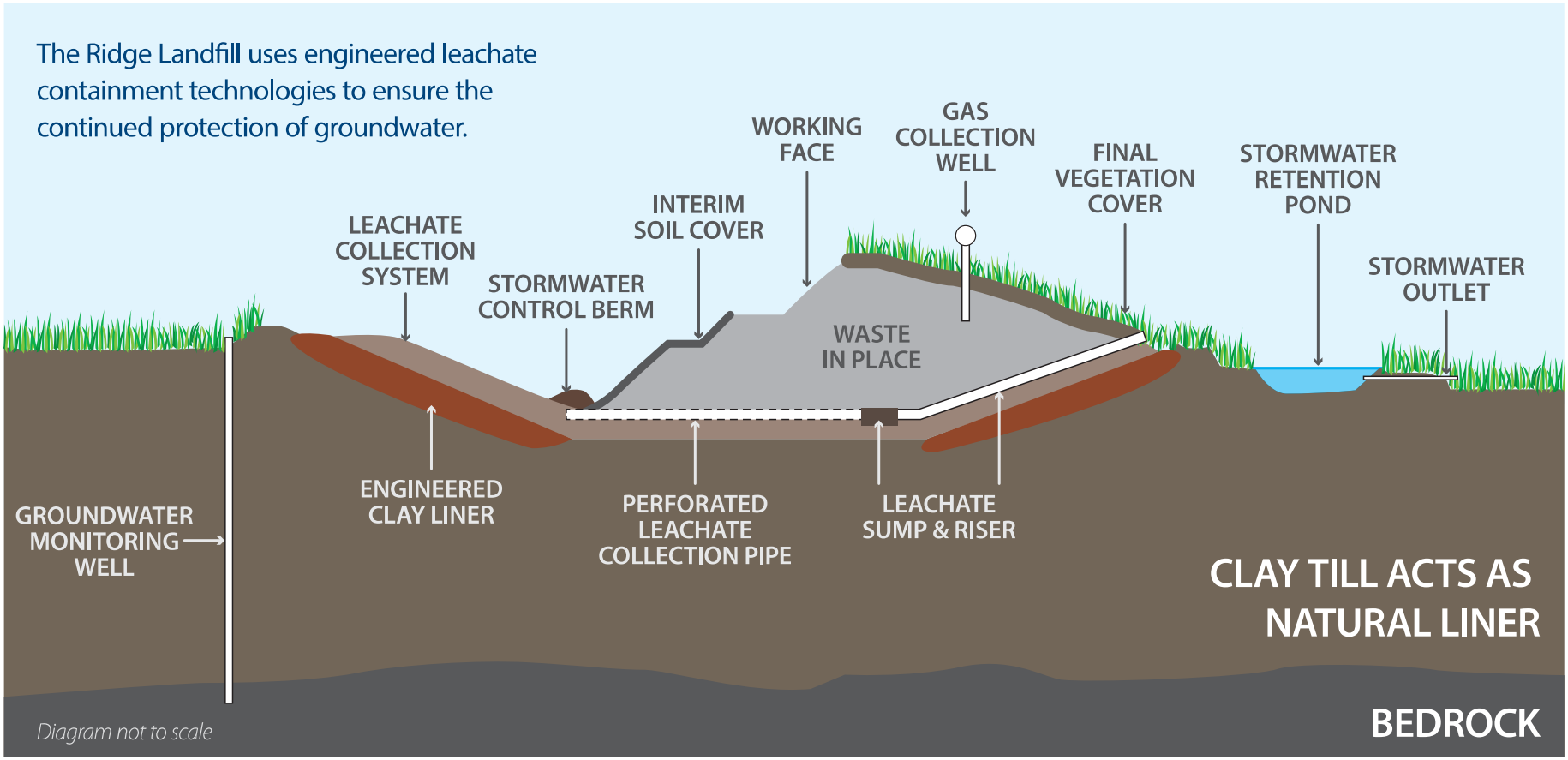
More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# An Environmentally Engineered Landfill

Progressive Waste Solutions

The Ridge Landfill uses engineered leachate containment technologies to ensure the continued protection of groundwater.

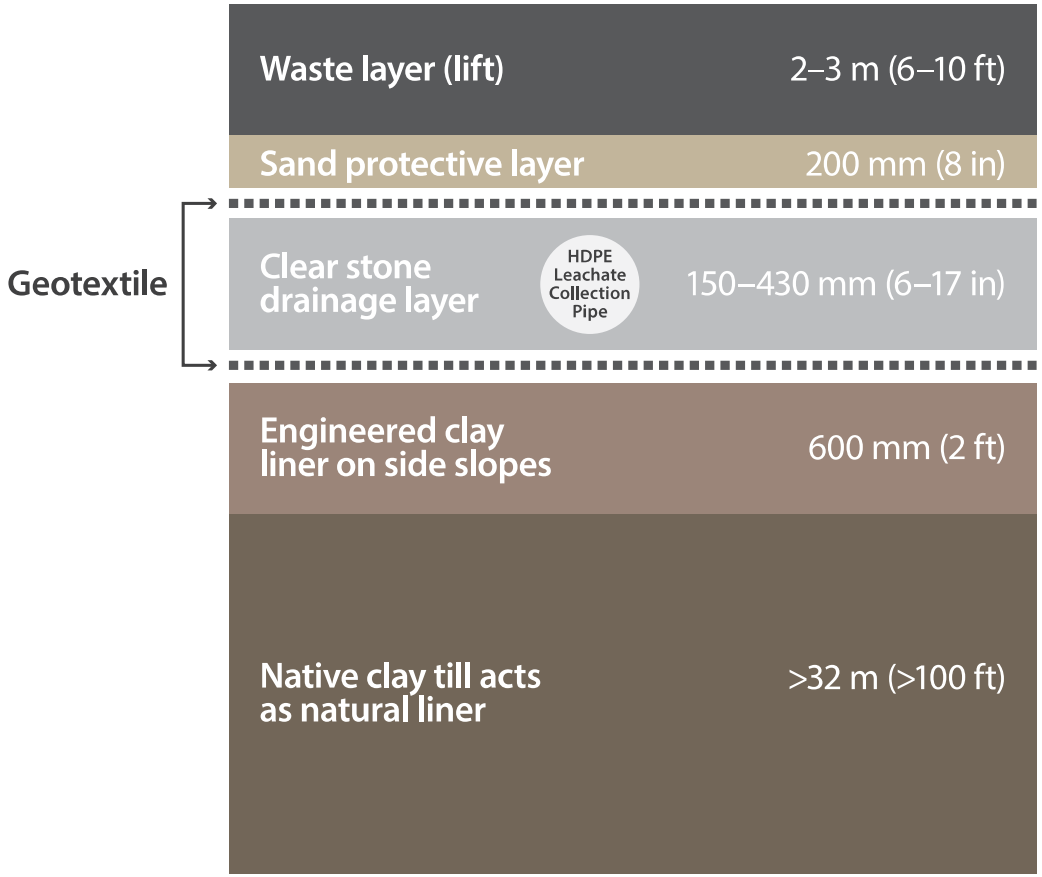



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# Leachate Collection System

Progressive Waste Solutions




**Leachate:** Water (either from rain or decomposition of waste) that percolates through the waste.

**Leachate Collection System:** A system of stone drainage material and pipes and that collects the leachate at the bottom of the landfill.

**Liner:** A barrier layer beneath the leachate collection system to prevent leachate from entering the groundwater.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

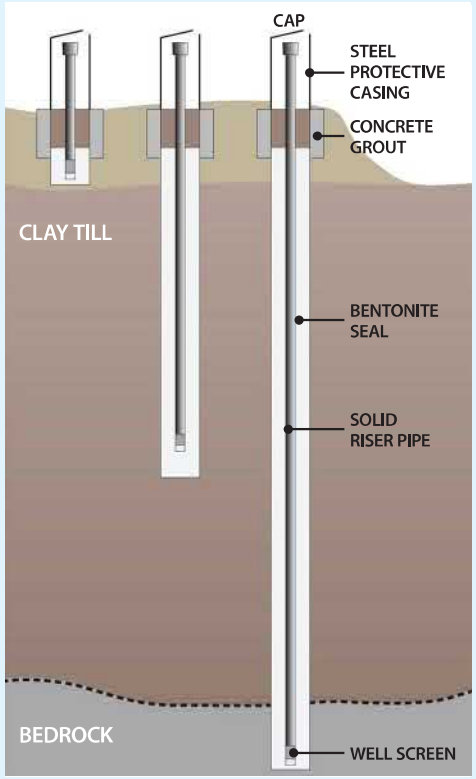
Environmental Management Today and into the Future

# Groundwater Monitoring System

Progressive Waste Solutions

- The Ridge Landfill has an environmental management system that monitors all aspects of the landfill including groundwater in and around the landfill.
- Annual monitoring of ground and surface water is conducted by a third party providing assurances the environment is being protected.
- There have been no impacts to the groundwater identified.

## Typical Groundwater Monitoring Wells




Wells are placed strategically around the site to monitor groundwater at various depths.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# A Partner in the Community

Progressive Waste Solutions

## The Ridge Landfill contributes approximately $13 million directly and indirectly to the community. Of that:

- Approximately $9 million is spent annually on salaries, construction and road maintenance, goods and services purchased, taxes, etc.
- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed over $15.9 million to the Municipality.
- Significant financial contributions are made to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are to benefit the local community such as the building of the Community Centre Park and splash pad (see photos at right), a new seniors' centre and youth drop in centre in downtown Blenheim.





More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Our Future Plans

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.

The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.

As a separate undertaking, Progressive Waste Solutions plans to develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.



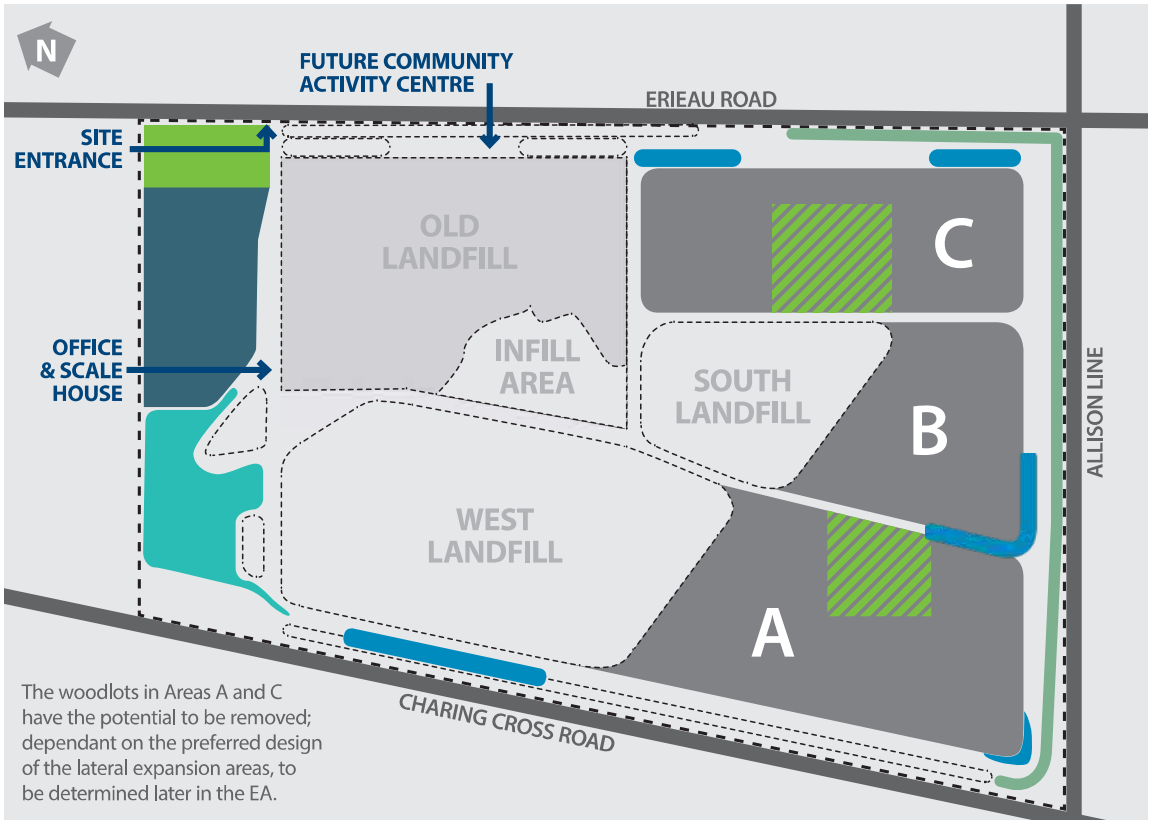


More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# The Proposed Expansion

Progressive Waste Solutions




- Potential Lateral Expansion Areas
- Potential Vertical Expansion/ Landfill Mining Area
- Existing Woodlot Area
- Potential Flood Control/ Woodlot Compensation Area
- Existing Flood Control Facility
- Proposed Stormwater Pond
- Proposed Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

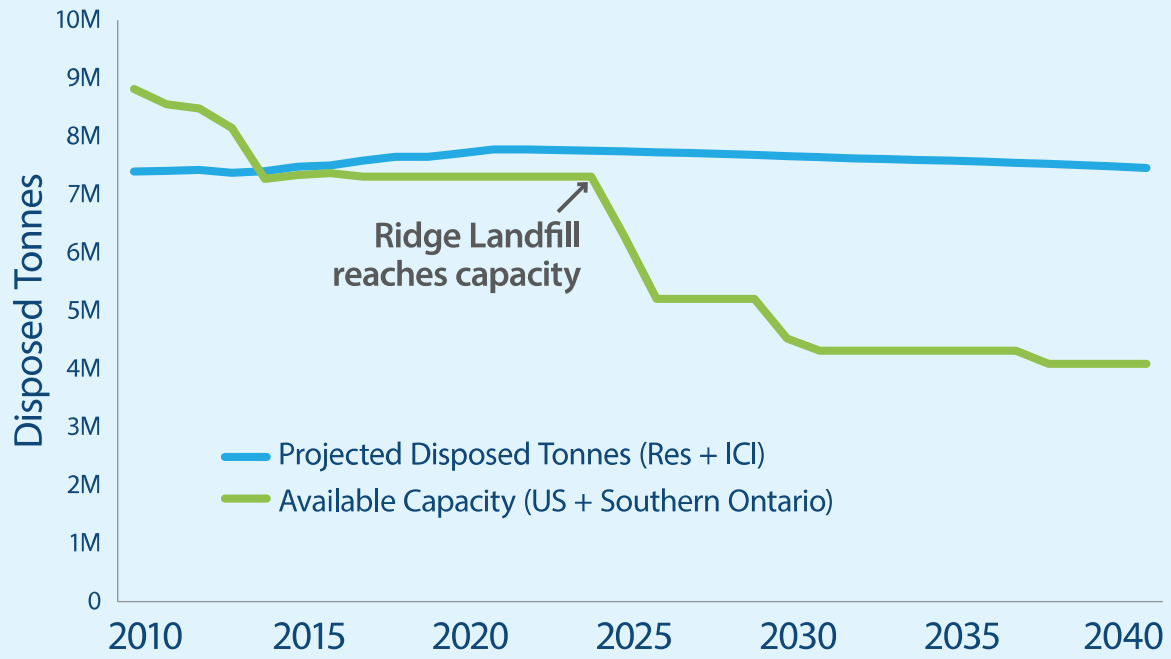
Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Need for More Capacity

Progressive Waste Solutions

Despite increased waste diversion, over seven million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which would include the Ridge Landfill reaching capacity in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Alternatives to Expansion

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Expand the Landfill with Waste Diversion

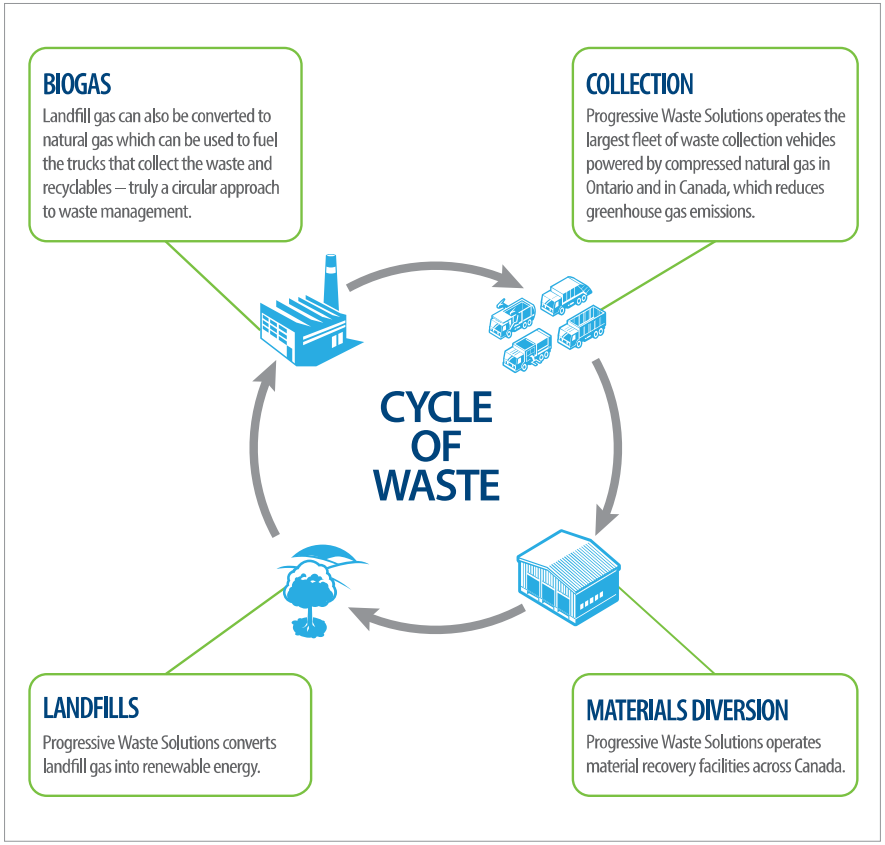
Progressive Waste Solutions

Progressive Waste Solutions will consider laterally expanding the current landfill and/or bring the height of the old landfill to same elevation as current landfill and/or mining the old landfill.

As part of the assessment, Progressive Waste Solutions will also consider the recovery of additional resources through enhanced diversion opportunities such as an expanded public drop-off area at the Ridge Landfill to divert additional recyclable materials (e.g. household hazardous, electronic wastes, etc.) and other recyclable materials that may be designated by the Province of Ontario.

Additional waste diversion opportunities will be identified by the Waste-Free Ontario Act and that are technically feasible and economically viable for Progressive Waste Solutions.

Should additional resource recovery occur at the Ridge Landfill there is the potential for additional traffic to the site and associated nuisance effects as well as potential nuisance effects from on-site processing activities (e.g. noise, dust, and odour).




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# EA Milestones and Consultation Plan

Progressive Waste Solutions

## Notice of EA Commencement



## Confirmation of Alternative Methods



**PWS will develop the expansion alternatives, resource recovery alternatives, and confirm the evaluation criteria through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement
- Evaluation Criteria Workshop

## Evaluation of Alternative Methods



**PWS will evaluate the alternatives select the preferred site expansion and resource recovery alternative through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Assessment of Potential Effects & Development of Mitigation



**PWS will identify the preferred alternative and develop mitigation programs to eliminate or reduce negative effects through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Notice of Draft EA Review



**A draft and final EA document will be prepared for public and agency review.**

## Submission of Final EA Submission



**MOECC will make a decision based on the final submitted EA.**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

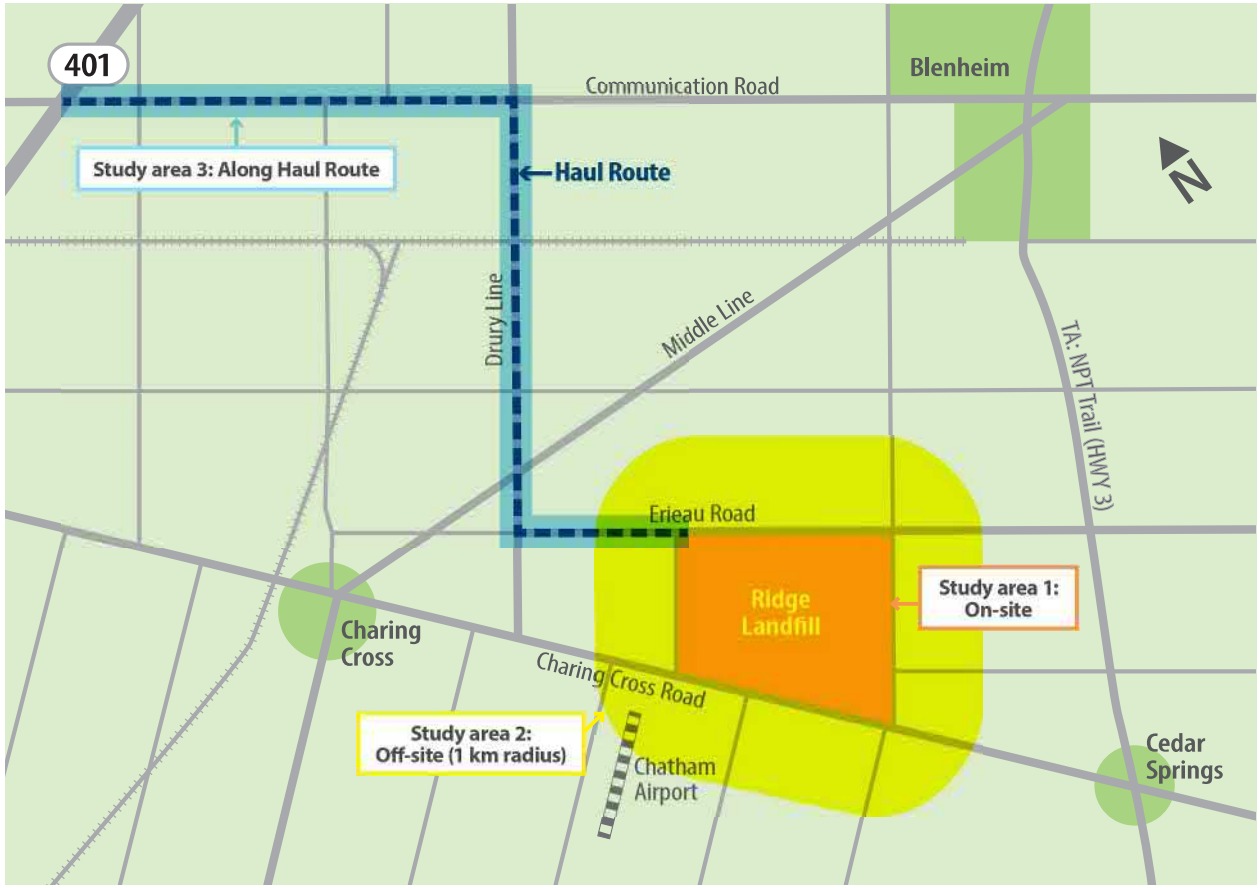
What will the EA Look At?

# Study Areas for the EA

Progressive Waste Solutions

PWS has identified three study areas to:

- confirm existing conditions
- create a common study area to evaluate site expansion alternatives, and
- identify and assess potential impacts of the preferred expansion alternative and establish mitigation to minimize effects.




Map of study areas

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



**Biology**
(e.g. fish, wildlife, woodlots and habitats)



**Geology/Hydrogeology**
(e.g. groundwater protection)



**Surface Water**
(e.g. on-site drains)



**Atmospheric**
(e.g. air, noise, dust and odour)



**Agriculture**
(e.g. disruption to local farm operations)



**Land Use**
(e.g. on other land uses)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

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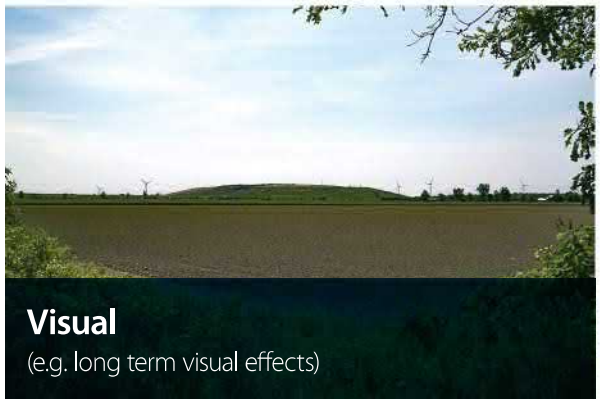
**Economic**
(e.g. the local economy)



**Archaeology/Cultural Heritage**
(e.g. local cultural heritage)




**Social**
(e.g. neighbours and residents)



**Visual**
(e.g. long term visual effects)



**Aviation and Bird Hazard**
(e.g. the use of the airport)



**Traffic**
(e.g. traffic flows)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Environmental Assessment Process

Progressive Waste Solutions

## Spring–Fall 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings

We are here

- 30 day review of draft Terms of Reference (June 28–July 28, 2016)

### Terms of Reference Review

- Final review of Terms of Reference (TBA in Fall of 2016)
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Stay Involved

Progressive Waste Solutions

## During the Terms of Reference and continuing through the EA, consultation with the community will include:

### Public Open Houses & Workshops

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

# Ridge Landfill Expansion

**A presentation to the Blenheim Business Improvement Association**

October 11, 2016

Progressive Waste Solutions

The Ridge Landfill Open House

# About Progressive Waste Solutions

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# The Ridge Landfill

Progressive Waste Solutions




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The Ridge Landfill Open House

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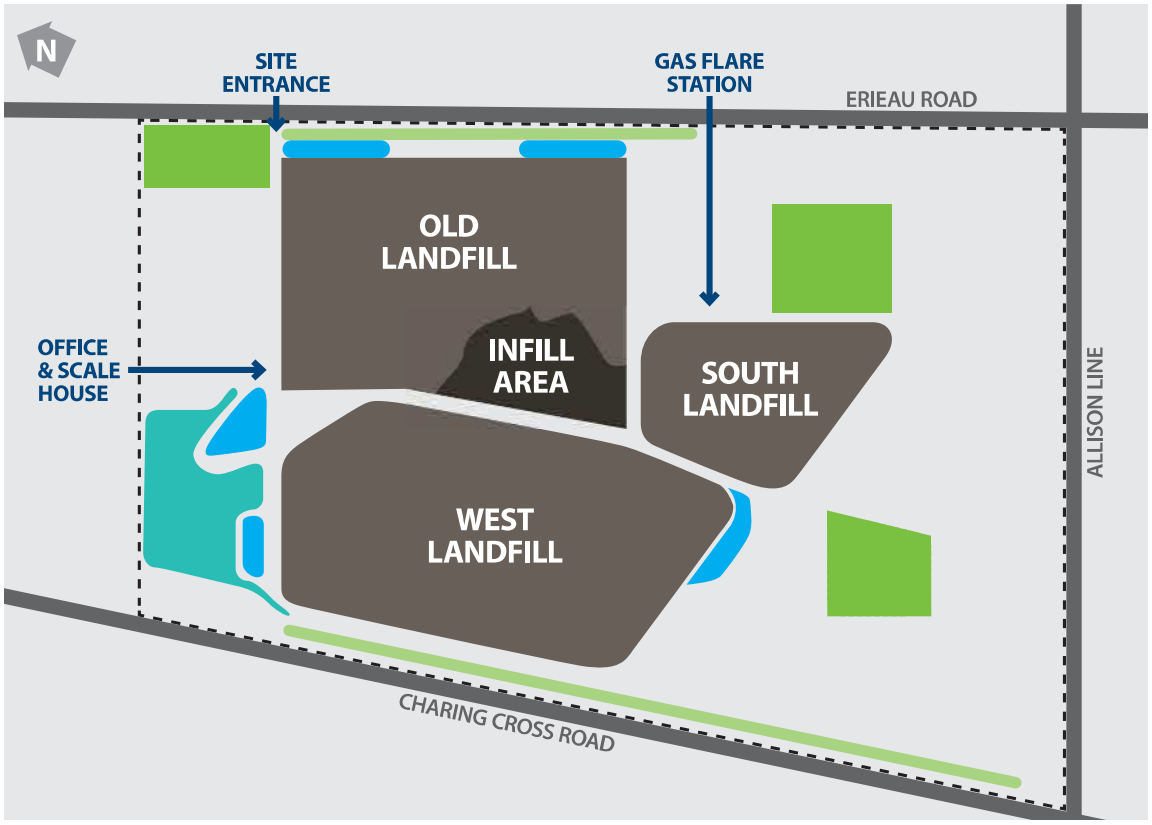



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The Ridge Landfill Open House

# Current Landfill Site Operations

Progressive Waste Solutions




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- Existing Woodlot Area
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- Existing Stormwater Pond
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Environmental Management Today and into the Future

# Environmental Management System

Progressive Waste Solutions

## We have an excellent environmental record at the landfill site.

- We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.
- We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.
- The EA will define any additional measures required to ensure the environmental integrity of the site going forward.



Gas collection well at the Ridge Landfill

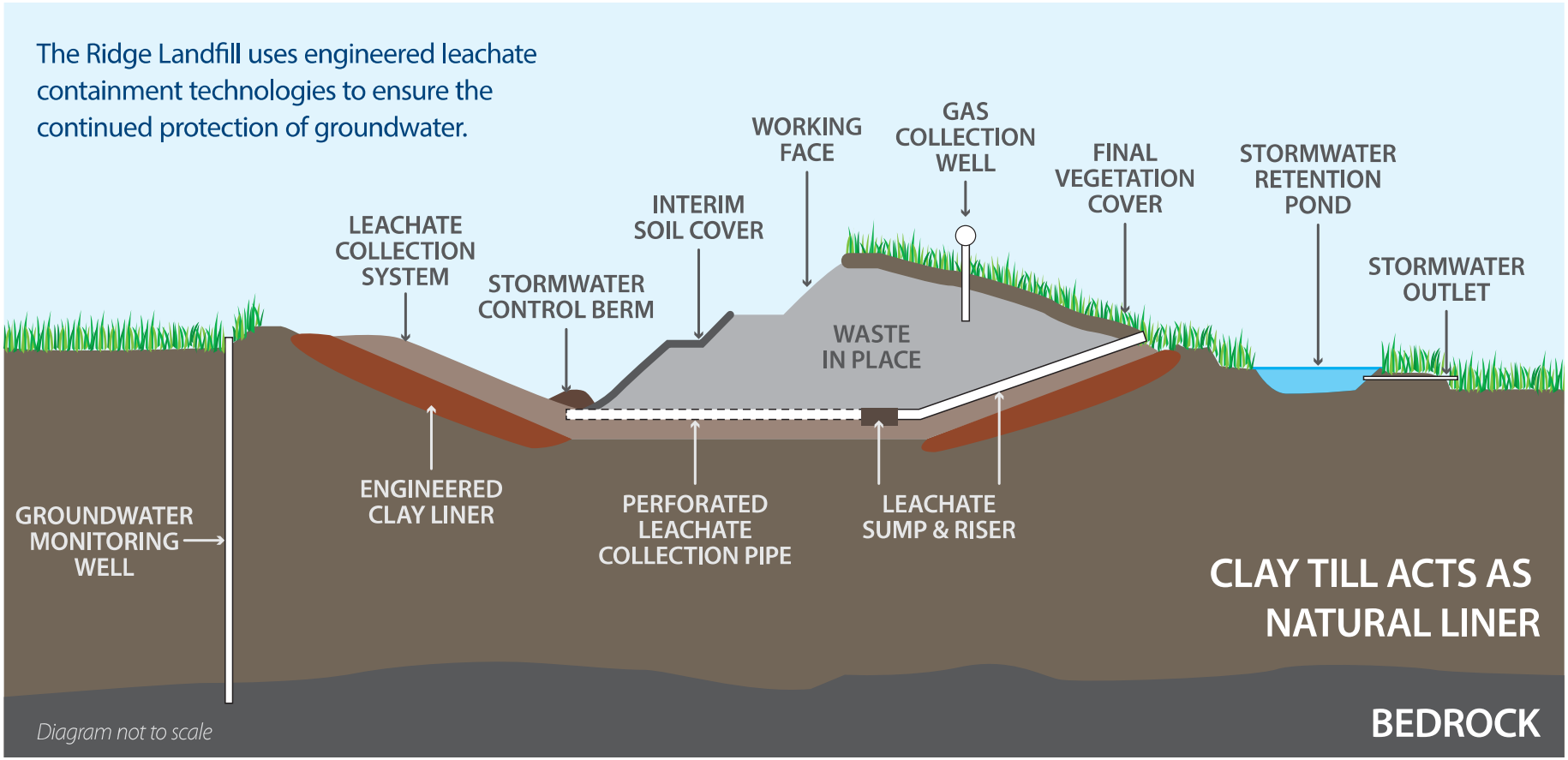
More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# An Environmentally Engineered Landfill

Progressive Waste Solutions

The Ridge Landfill uses engineered leachate containment technologies to ensure the continued protection of groundwater.

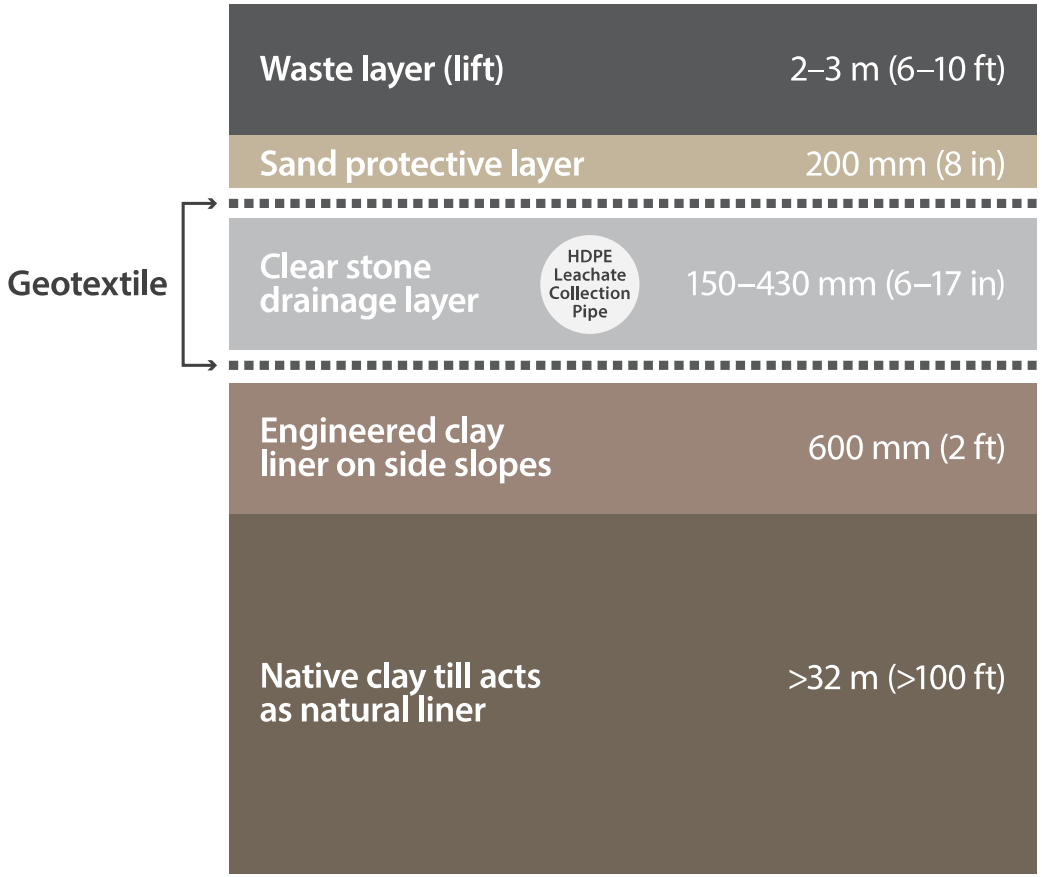



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Environmental Management Today and into the Future

# Leachate Collection System

Progressive Waste Solutions




**Leachate:** Water (either from rain or decomposition of waste) that percolates through the waste.

**Leachate Collection System:** A system of stone drainage material and pipes and that collects the leachate at the bottom of the landfill.

**Liner:** A barrier layer beneath the leachate collection system to prevent leachate from entering the groundwater.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

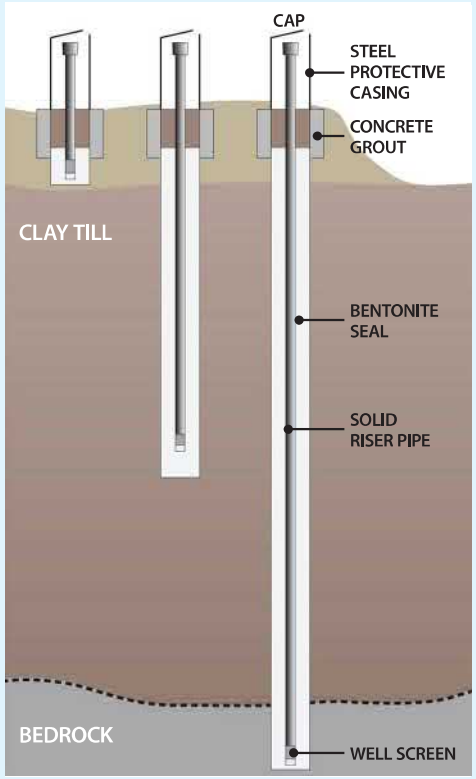
Environmental Management Today and into the Future

# Groundwater Monitoring System

Progressive Waste Solutions

- The Ridge Landfill has an environmental management system that monitors all aspects of the landfill including groundwater in and around the landfill.
- Annual monitoring of ground and surface water is conducted by a third party providing assurances the environment is being protected.
- There have been no impacts to the groundwater identified.

## Typical Groundwater Monitoring Wells




Wells are placed strategically around the site to monitor groundwater at various depths.

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# A Partner in the Community

Progressive Waste Solutions

## The Ridge Landfill contributes approximately $13 million directly and indirectly to the community. Of that:

- Approximately $9 million is spent annually on salaries, construction and road maintenance, goods and services purchased, taxes, etc.
- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed over $15.9 million to the Municipality.
- Significant financial contributions are made to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are to benefit the local community such as the building of the Community Centre Park and splash pad (see photos at right), a new seniors' centre and youth drop in centre in downtown Blenheim.





More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Our Future Plans

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.

The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.

As a separate undertaking, Progressive Waste Solutions plans to develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.



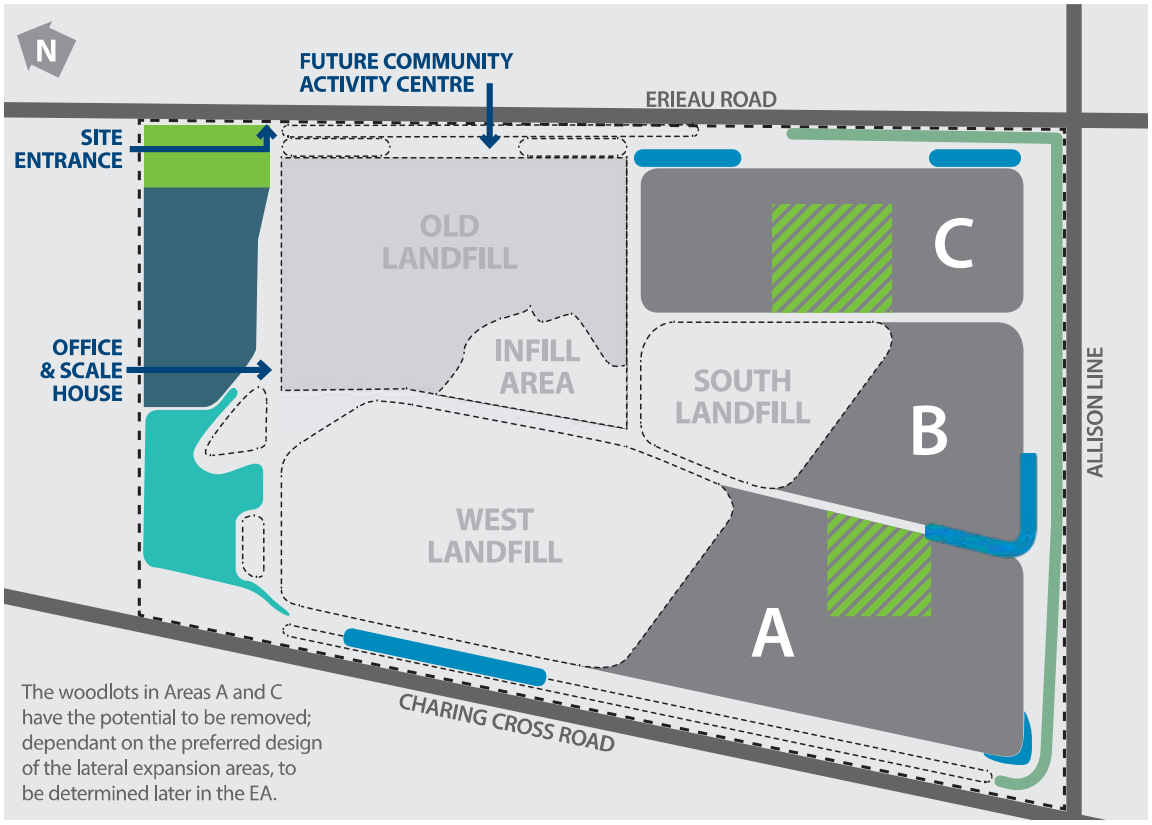


More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# The Proposed Expansion

Progressive Waste Solutions




- Potential Lateral Expansion Areas
- Potential Vertical Expansion/ Landfill Mining Area
- Existing Woodlot Area
- Potential Flood Control/ Woodlot Compensation Area
- Existing Flood Control Facility
- Proposed Stormwater Pond
- Proposed Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

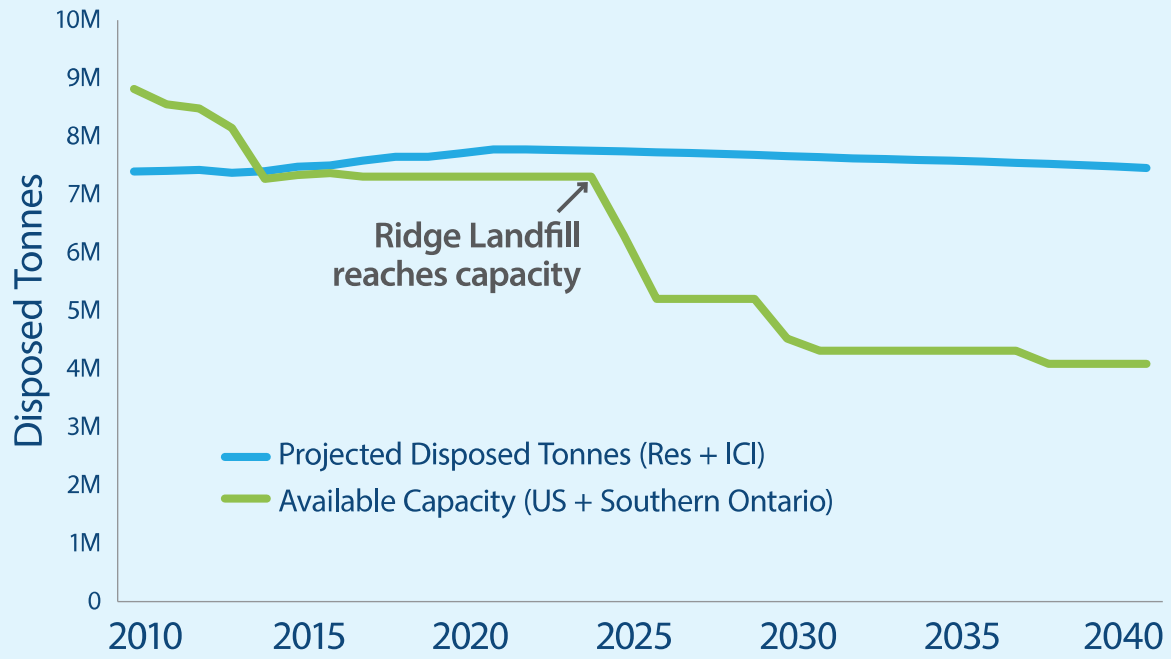
Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Need for More Capacity

Progressive Waste Solutions

Despite increased waste diversion, over seven million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which would include the Ridge Landfill reaching capacity in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Alternatives to Expansion

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Expand the Landfill with Waste Diversion

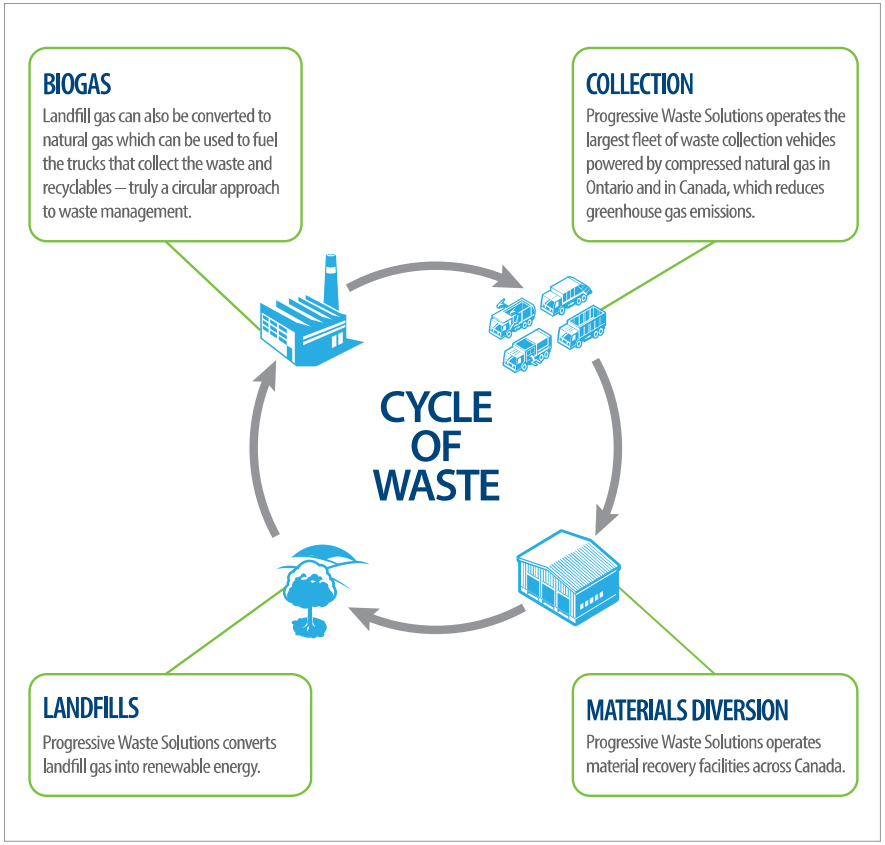
Progressive Waste Solutions

Progressive Waste Solutions will consider laterally expanding the current landfill and/or bring the height of the old landfill to same elevation as current landfill and/or mining the old landfill.

As part of the assessment, Progressive Waste Solutions will also consider the recovery of additional resources through enhanced diversion opportunities such as an expanded public drop-off area at the Ridge Landfill to divert additional recyclable materials (e.g. household hazardous, electronic wastes, etc.) and other recyclable materials that may be designated by the Province of Ontario.

Additional waste diversion opportunities will be identified by the Waste-Free Ontario Act and that are technically feasible and economically viable for Progressive Waste Solutions.

Should additional resource recovery occur at the Ridge Landfill there is the potential for additional traffic to the site and associated nuisance effects as well as potential nuisance effects from on-site processing activities (e.g. noise, dust, and odour).




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# EA Milestones and Consultation Plan

Progressive Waste Solutions

## Notice of EA Commencement



## Confirmation of Alternative Methods



**PWS will develop the expansion alternatives, resource recovery alternatives, and confirm the evaluation criteria through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement
- Evaluation Criteria Workshop

## Evaluation of Alternative Methods



**PWS will evaluate the alternatives select the preferred site expansion and resource recovery alternative through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Assessment of Potential Effects & Development of Mitigation



**PWS will identify the preferred alternative and develop mitigation programs to eliminate or reduce negative effects through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Notice of Draft EA Review



**A draft and final EA document will be prepared for public and agency review.**

## Submission of Final EA Submission



**MOECC will make a decision based on the final submitted EA.**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

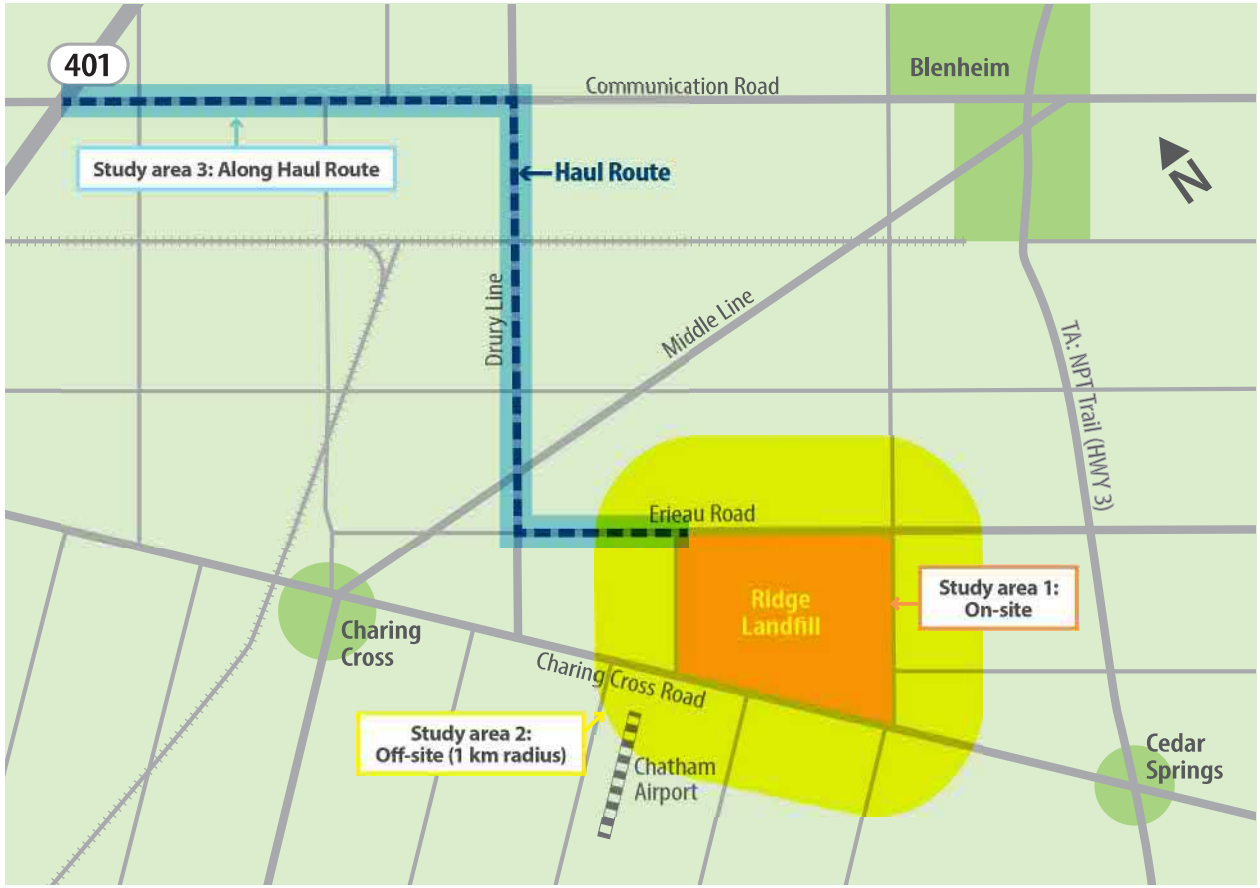
What will the EA Look At?

# Study Areas for the EA

Progressive Waste Solutions

PWS has identified three study areas to:

- confirm existing conditions
- create a common study area to evaluate site expansion alternatives, and
- identify and assess potential impacts of the preferred expansion alternative and establish mitigation to minimize effects.




Map of study areas

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



**Biology**
(e.g. fish, wildlife, woodlots and habitats)



**Geology/Hydrogeology**
(e.g. groundwater protection)



**Surface Water**
(e.g. on-site drains)



**Atmospheric**
(e.g. air, noise, dust and odour)



**Agriculture**
(e.g. disruption to local farm operations)



**Land Use**
(e.g. on other land uses)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



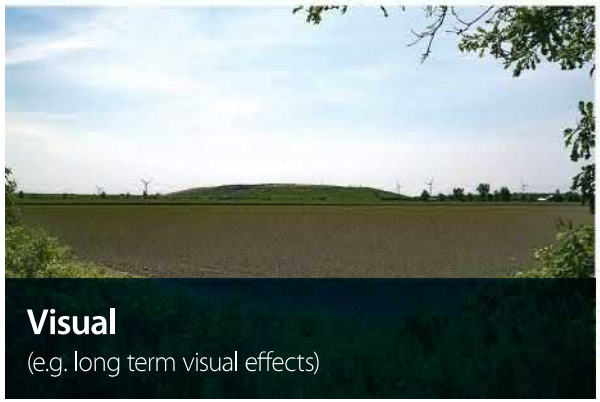
**Economic**
(e.g. the local economy)



**Archaeology/Cultural Heritage**
(e.g. local cultural heritage)




**Social**
(e.g. neighbours and residents)



**Visual**
(e.g. long term visual effects)



**Aviation and Bird Hazard**
(e.g. the use of the airport)



**Traffic**
(e.g. traffic flows)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Environmental Assessment Process

Progressive Waste Solutions

## Spring–Fall 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings

We are here

- 30 day review of draft Terms of Reference (June 28–July 28, 2016)

### Terms of Reference Review

- Final review of Terms of Reference (TBA in Fall of 2016)
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Stay Involved

Progressive Waste Solutions

## During the Terms of Reference and continuing through the EA, consultation with the community will include:

### Public Open Houses & Workshops

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Thu, Apr 21, 2016 at 6:34 AM
[redacted]th@progressivewaste.com,

[redacted] Message: Hi there. We live out in the rural area and we don't have residential pick-up, we have to go the Harwich/Raleigh station to drop our stuff off. My question is, would we be able to drop things off or does this only apply for those that have residential pick-up and will there be a fee? Thank you in advance for your response.

DILLON
CONSULTING

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Mon, Apr 25, 2016 at 9:46 PM
[redacted]ogressivewaste.com,

[redacted] Message: Just wondering how much it is to bring garbage there thanks

DILLON CONSULTING

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Wed, May 4, 2016 at 7:53 AM
waste.com,

[redacted] Message: please sign us up on your "project contact list" for the application to expand the ridge landfill

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Thu, May 5, 2016 at 9:14 AM
[redacted]ewaste.com,

[redacted] Message: Good Morning! I have been advised that your company has a community trust fund. I was wondering if you may be able to send me some information on how to apply for this trust. I am an active member on the board for the new men's shelter in Chatham, New Beginning House, We are currently exploring ways to fund the project as we are complexly ran off volunteers and private donations. I appreciate any information you may be able to provide.

Thank you and Have a great day! [redacted]

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Wed, May 18, 2016 at 4:27 PM
sivewaste.com,

anager

Hello Tim,

The Village of Erie Beach, down the road from the landfill, will be celebrating its centennial this summer. To commemorate this milestone, we are hoping to design and erect a sign at each of the 2 entrances to the village. We are also having a celebration and inviting all the current and former residents and neighbours.

We are hoping that this local project is of interest to the Ridge Landfill community Trust Fund. Please let us know how we can provide more information and be eligible for funding through the Trust.

We would appreciate the Landfill Trust's financial support of the purchase of the signs.

I look forward to hearing from you.

[redacted]

DILLON CONSULTING

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Fri, May 20, 2016 at 1:23 PM
gressivewaste.com,

I am inquiring if Progressive Waste Solutions would be willing to partner with our Non for Profit Hockey School that we are starting this summer or if there is an application I can fill out to see if we would be able to receive some funding from your company. We are set up as a not for profit corporation with a focus on building individuals who will hopefully back to our community in the future. We are totally flexible in the type and amount of sponsorship that you would like to contribute. The costs of running the camp will be between $55000.00 and $60000.00 for this year. If we have any proceeds after the camp completion, we will be using them to further the skill development of the South Kent Lightning Hockey Association throughout this coming season. Check out our website and let me know what you think! http://goldenacreshockeyschool.com/

Thanks you for taking the time to consider us!

[redacted]

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted]@progressivewaste.com, Thu, Jun 9, 2016 at 3:34 PM

[redacted] Message: Hello, [redacted] a non-profit BMX Bicycle club located at 22843 Creek Road on land that we lease from the Thames Valley Conservation Authority. We are affiliated with Canada BMX and our website is https://www.usabmx.com/tracks/1828.

We have over 65 members ranging from under 5 to over 40 years and drawing from a wide area of Chatham-Kent. We will be holding our annual Provinicial race during the week-end of June 17. 18, 19 that is our main fundraiser to support our activities.

Is there an opportunity for any funding from Progressive to support ongoing activiies and/or for equipment/infrastructure needed to grow our footprint in Chatham-Kent and support kids, youth and adults in our community.

If it is possible, could you please forward application information to my attention.

[redacted]

Progressive Waste Solutions

# Team Comment Tracking

## Proposed Ridge Landfill Expansion

Name: [redacted]

Name of Meeting: OPEN HOUSE

| Comment Received | Response Required | Contact Info |
|---|---|---|
| put ~~lots~~ trees on the farm and let them grow tall & dense. You won't have to cut any grass & the trees will help hold the soil in beacon. provides esthetic view. Maybe it would break some wind & help keep garbage from blowing | ☑ Yes ☐ No | jthom123@southkent.net |
| I don't like the smell from the landfill. | ☐ Yes ☐ No | |
| Start collecting the Biogas for good use. | | |
| Implement stricter recycling in this community so it doesn't go to the landfill - don't accept waste that is not recycled. | ☐ Yes ☐ No | |
| Cover garbage with something to seal it. | | |

Progressive Waste Solutions

# Team Comment Tracking

## Proposed Ridge Landfill Expansion

Name: [redacted]

Name of Meeting: Public Meeting #1

| Comment Received | Response Required | Contact Info |
|---|---|---|
| Request to hard surface Allison Line between Lagoon + Erie Av. - Is a main artery between | ☐ Yes<br>☒ No | |
| Blenheim + the Landfill for our curbside trucks | ☐ Yes<br>☐ No | |
| | ☐ Yes<br>☐ No | |

Progressive Waste Solutions

# Team Comment Tracking

## Proposed Ridge Landfill Expansion

Name: [redacted]

Name of Meeting: _____

| Comment Received | Response Required | Contact Info |
|---|---|---|
| Smell of the gas is concern already have a lagoon already lots of smell - live behind lagoon | ☐ Yes ☐ No | [redacted] |
| - reduce is what should be done - don't build more - ~~Sarafield~~ Blenheim has enough - when it's dry ~~outside~~ can't go outside because of smell | ☐ Yes ☐ No | |
| | ☐ Yes ☐ No | |

Progressive Waste Solutions

# Team Comment Tracking

## Proposed Ridge Landfill Expansion

Name: [redacted]

Name of Meeting: Blenheim, MTC.

| Comment Received | Response Required | Contact Info |
|---|---|---|
| Odour is a major concern! Both garbage odour & occasional methane odour.<br>Groundwater always a concern. | ☑ Yes<br>☐ No | [redacted] |
| | ☐ Yes<br>☐ No | |
| | ☐ Yes<br>☐ No | |

**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

## Comment Form

Progressive Waste Solutions

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. How did you hear about this Open House? (please select one option)
   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☒ Letter
   - ☐ Other:_____

2. Were you provided with enough information at this Open House to understand the project?
   - ☒ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why:_____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   _____

   _____

   _____

   _____

   _____

   _____

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**
**Or you can contact us through our website.**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

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   - ☐ Word of Mouth
   - ☒ Letter
   - ☐ Other: _____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why: _____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

I LIVE WITHIN A KM OF THE LANDFILL & HAVE SOME REAL CONCERNS ABOUT MY DEEP WELL WHO IS GOING TO MONITOR IT? MUNICIPAL WATER?

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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   - ☒ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☐ Letter
   - ☐ Other: _____

2. Were you provided with enough information at this Open House to understand the project?
   - ☒ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why: _____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   Questions were answered thankyou.

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

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**May 3, 2016 Public Open House**

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   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☑ Letter
   - ☐ Other: _____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☑ Somewhat
   - ☐ No

   Please Explain why: Why expand the collection of waste to all across Ontario when keeping it local would allow the landfill to exist longer?

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   When I can smell the strong odours from the landfill in the wind, is my health at risk?

   What effect is your expansion going to have on our local traffic patterns?

   -really not wanting waste to be brought here from outside south western Ontario, - especially from the U.S.A.

   What effect will it have on the value of our property?

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
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**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

## Comment Form

Progressive Waste Solutions

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. How did you hear about this Open House? (please select one option)
   - ☑ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☐ Letter
   - ☐ Other: _____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☑ Somewhat
   - ☐ No

   Please Explain why: Vague – still in planning stage

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   ~ Expansion to include household - worried about smell -
   ~ worried about household well on Middle Line
   - Concerned with property value
   ~ Expansion is away from the airport - Concerned
   over height of landfill
   ~ noise, truck traffic which are current issues

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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   - ☐ Newspaper Advertisement
   - ☒ Word of Mouth
   - ☐ Letter
   - ☐ Other: _____

2. Were you provided with enough information at this Open House to understand the project?
   - ☒ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why: _____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   Smell needs to be dealt with immediately
   Roads need to be maintained BETTER
   Diesel need needs to be cleaned off road regularly.
   methane gas needs to be utilized in re useable resource

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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**Or you can contact us through our website.**

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Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

## Comment Form

Progressive Waste Solutions

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. How did you hear about this Open House? (please select one option)
   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☒ Letter
   - ☐ Other:_____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☒ Somewhat
   - ☐ No

   Please Explain why:_____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

I LIVE AT 8483 SIXTEENTH LINE. MY CONCERN HAS ALWAYS BEEN PROPERTY VALUE DEPRECIATION I AM COMPENSATED AS LEVEL 4 WHICH I FEEL DOES NOT ADEQUATELY COMPENSATE ME FOR WHAT WE HAVE TO LOOK AT FROM OUR PROPERTY. WE HAVE LIVED AT THIS PROPERTY SINCE 1984. I HAVE VOICED MY CONCERNS TO CATHY SMITH AND HOPE THAT MY CONCERNS WILL BE ADDRESSED

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**
**Or you can contact us through our website.**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

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   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☑ Letter
   - ☐ Other:_____

2. Were you provided with enough information at this Open House to understand the project?
   - ☑ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why:_____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   Like the gas collection idea.
   Would like to see a 3 or 4 times a year collection of hazardous waste (paint, chemicals) instead of 1 a year by C+K

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

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1. How did you hear about this Open House? (please select one option)
   - ☐ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☒ Letter
   - ☐ Other: PWS rep visited but we weren't home - left card

2. Were you provided with enough information at this Open House to understand the project?
   - ☒ Yes
   - ☐ Somewhat
   - ☐ No

   Please Explain why: _____

3. Please provide any comments on the proposed Ridge Landfill Expansion.

   _____

   _____

   _____

   _____

   _____

   _____

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

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**Proposed Ridge Landfill Expansion**
**May 3, 2016 Public Open House**

# Comment Form

Progressive Waste Solutions

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1. How did you hear about this Open House? (please select one option)
   - ☑ Newspaper Advertisement
   - ☐ Word of Mouth
   - ☐ Letter
   - ☐ Other:_____

2. Were you provided with enough information at this Open House to understand the project?
   - ☐ Yes
   - ☑ Somewhat
   - ☐ No

   Please Explain why: STill can't see were all the water from snow melting is going too go.

3. Please provide any comments on the proposed Ridge Landfill Expansion.

THE Landfill is bringing property Value DOWN on my Home, THE Landfill should pay for the water-line to the people on middlemarch. I LIVE next too the Landfill and flooding is going on every spring. THEY said it's covered every night. but on a east wind it stinks, my neighbors are being compansated for the dump, why are we not?

4. Please complete if you would like to be added to the contact list for this project:

[redacted]

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**
**Or you can contact us through our website.**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

**Proposed Ridge Landfill Expansion**
**June 28, 2016 Public Open House**

Progressive Waste Solutions

# Comment Form

**Your input is important to Progressive Waste Solutions. Please take a moment to fill out this comment form.**

1. **How did you hear about this Open House?** (please select one option)
   - ☑ Newspaper Advertisement
   - ☑ Letter
   - ☐ Word of Mouth
   - ☐ Other:_____

2. **Were you provided with enough information at this Open House to understand the project?**
   - ☐ Yes
   - ☒ Somewhat
   - ☐ No

   Please Explain why:_____

3. The Environmental Assessment (EA) will consider the potential for impacts on the following: Biology, Geology, Surface Water, Air/Noise/Odour, Agriculture, Land Use, Economic, Archeology/Cultural Heritage, Social, Visual, Aviation & Bird Hazard, Traffic. **Please identify which of these are most important to you and explain why.**

   Air/Noise/Odour - Because I live nearby and I don't care for the smell.
   Economic - concerned about decrease in property values

4. **Please provide any comments on the proposed scope of the Ridge Landfill Expansion EA.** *(please use the other side of this page if needed)*

**Thank you for your input.**

**Your completed form can be mailed/emailed to:**

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
Email: cathy.smith@progressivewaste.com
20262 Erieau Road, PO Box 1871, Blenheim, Ontario, N0P 1A0

May 3, 2016

Ridge Landfill (Progressive Waste Solutions)

[redacted]

ATTN: Tim Kozlof:

Currently, we are at level 2 compensation on properties R30 and R30A (8954 and 8957 Allison Line). It is expected that as the landfill moves closer we will be receiving level 1 compensation due to the noise, dust, traffic, prevailing wind odours, and obstruction of view.

At this time, we understand that we have no property protection value for R30 and R30A. Now that our properties will be at the landfill's doorstep, we expect that these properties will now be protected.

When these changes occur, we would like to be notified in writing.

Our family has lived here long before the landfill existed, we have always been good neighbours with no complaints and have built a good relationship, we hope to continue on in the future.

Thank you for your time, awaiting your reply [redacted]

DILLON CONSULTING

**Kolli, Karla <kkolli@dillon.ca>**

# Fwd: Ridge Landfill expansion comments

1 message

**Kolli, Karla** <kkolli@dillon.ca> Sat, Jun 18, 2016 at 12:27 PM
To: Karla Kolli <kkolli@dillon.ca>

[redacted]

**Sent:** Thursday, May 26, 2016 12:51 PM
**To:** Cathy Smith
**Subject:** Ridge Landfill expansion comments

I am writing to oppose the proposed expansion of the Ridge Landfill.

According to the MOE, it is currently the largest operating landfill in Ontario, by a considerable margin.....almost half as large again as the next largest one. It also is already taking in as much or more than any other landfill in Ontario on an annual basis.

The notice in the paper indicated that the reason for the landfill expansion is to meet the needs of the municipality and Ontario. That is quite misleading, in my opinion.

Certainly it serves the needs of the municipality waste disposal requirements, as it should; also the local council has benefited (been bought off??) from the financial contributions and because of this financial infusion, will likely not oppose the expansion. However it is well known amongst C-K constituents that the C-K council is not an environmentally responsible one. Money talks much louder with them than any semblance of environmental responsibility!

However, I believe the real reason for expansion is to serve the needs of Ontario, i.e. Toronto and the GTA as well as other large centres in southwestern Ontario where local opposition to landfill expansion closer to home is more politically charged..

It is high time that Toronto/the GTA, etc found a better solution to their garbage disposal needs than to ship it to Chatham-Kent.

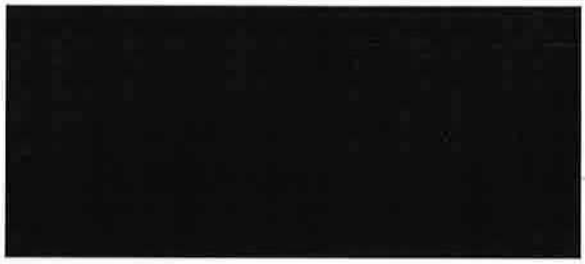
**C-K should not be the dumping grounds for Toronto/the GTAs, etc waste.**

The steady stream of large tractor-trailers hauling waste to C-K is impacting the traffic congestion on Hwy 401. This happens all year around, regardless of weather, and increases traffic hazards. It also increases the rate of deterioration of the road surface of Hwy 401, resulting in more maintenance costs. It also requires substantial fuel costs for all of that transport traffic.

C-K is an agriculturally based community. The landscape should be used for food production, not waste disposal.

In summary, C-K has more than paid its dues to benefit Toronto, the GTA etc for several years. The Ridge Landfill should be used primarily to benefit the residents of C-K, and I oppose the proposed expansion.

Sincerely,



Dear Sirs,

Our family, to my knowledge is the only century farm bordering the landfill. Our family has been here since 1881. My children are now the sixth generation to live here. We have, through our personal love of the land had our children grow up with a love for the same land there great great grandparents farmed.

I have now taken over the land my father got from his father who got it from his father who got it from his father. It was my hope that if any or all of my three children wanted to farm, there would be our family farm and business to be passed down to them.

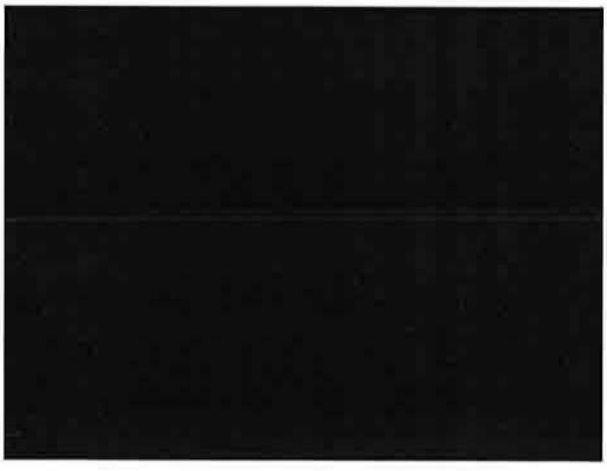
Likewise over the past 100 years we have been in the fruit business, with generations of customers dealing with our family.

You are now proposing to expand your landfill to a very close proximity to our two family homes and our market. We will suffer a great deal of social impact. Our homes and business will be the closest to the expanded landfill. The expanded landfill will be active. We will become the most significantly affected neighbours to the landfill.

The loss of enjoyment of our property is certainly a social impact.

I cannot ever see my mother or myself leaving this land. I am too deeply attached.

Our children will no longer have the long held passion to inherit this farm. The expansion will certainly hurt and may destroy our family's little oasis of history that has existed for over 130 years. We sincerely believe that we are the people most affected by the expanded landfill. We believe that our category for compensation should reflect that reality.



Municipal Councillor

Chatham-Kent
Cultivating Growth, Shore to Shore

This communication may be confidential and subject to the Municipal Freedom of Information and Protection of Privacy Act (Ontario). Unauthorized use is strictly prohibited. If you are not the intended recipient, please delete this email immediately.

**From:** noreply@chatham-kent.ca [mailto:noreply@chatham-kent.ca]
**Sent:** Tuesday, April 26, 2016 2:26 PM
**To:** COUNCIL
**Subject:** Contact Council Form Submitted from Chatham-Kent Website

[redacted]

Comments: I seen that there is a request for an expansion to the ridge land fill for 20 years 250 acres and allowing the site to receive larger volumes of waste from a larger area I know that the municipality has received a lot income from the tipping fees from the operation of the site however I believe that eventually this expansion will come back to haunt us It has become an eye site soar and once in a while it smells should it start to smell as bad as the waste site south west of London property values in the Blenhiem and surrounding area will be affected to the point that they may become difficult to sell or if so a great discounted rates This of course would lead to lower assesment rates thus less taxes for the municipality let alone the fact that the property owners would lose a great amount of equity in their property. I realize that these things cannot be changed over night however sooner or later the question has to be addressed of how many times is site going to expand how big is going to get and how bad is going to affect the community its located in. As I mentioned before I know these things cannot be changed over night The expansion should only be allowed for ten years and for no larger volumes of waste than it receives today This would give the province and the site owners a ten year window for a new site. I believe the residence of Chatham Kent has done their share of accepting responsibility for accepting waste from other areas its time for these other areas and the province to step up to the plate and find a new site The old excuse about not finding a new site no longer applys It hasen't been that many years since the beginning of the operation of this site and if you drive by it you would be amazed how big it is just imagine another 20 years with larger volumes of waste how big this site will be. I would urge council to seriously consider any support of this expansion as it is presented today And think of the future of the community 20 or 30 or even 50 years from now

---

[redacted]

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted]@progressivewaste.com, Wed, Jun 22, 2016 at 6:48 PM

[redacted] Message: How can I apply for employment with your company?

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted]@progressivewaste.com, Mon, Jul 4, 2016 at 8:47 PM

[redacted] Message: Can I get a quote a small trailer of asphalt shingles would cost

[redacted]

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Thu, Jul 21, 2016 at 10:13 AM

[redacted]@progressivewaste.com,

[redacted] Message: Hi,

I am looking at getting a quote for disposal of contaminated waste for a demolition project. Please have someone contact me ASAP.

[redacted]



July 25, 2016

Progressive Waste Solutions

Ridge Landfill Expansion Project

20262 Erieau Road

Blenheim, ON N0P 1A0

Attention: Ms. Cathy Smith

Dear Cathy,

We had the opportunity to visit and speak with you on your 1st open house of the Ridge Landfill Expansion Project on May 3rd, 2016. We were away for the 2nd one held on June 28th, 2016.

We are residents in close proximity of this proposed expansion and also owners of our business that will also be affected by this proposed plan.

Obviously we have serious concerns and wish to address them to you and Progressive Waste Solutions.

The proposed expansion will bring the landfill closer to our properties including our home, farm and business. We are concerned about the increased noise and smell and view. We already get the smell and with the noise (which is limited now) how much more will it intensify with the expansion?

The future land values of our personal property, farm land and business will obviously be affected. Everything we've worked hard for over the past 29 years could potentially be worthless. Yes this is a big concern. Then there's the backyard enjoyment of fresh air, farmland scenery and peacefulness. We already see the trucks lined up on top of the hill and dumping, expanding the landfill closer to us will take away from our enjoyment.

We were told of the high berm that would be put up. This could cause danger for our fruit trees during frost season with the frosts lying in the low areas and the berm blocking the wind from flowing freely thus causing frost and damage.

People comment on our retail outlet which is known for the "GreatVIEW" , location and quality of products. The increased smell and more visible view of the landfill could decrease our potential sales which then would directly affect our entire livelihood.

Our property, established and in a prime location, will suffer from this expansion. Plans of planting new fruit trees for our son to carry on the business and to have a pick-your-own farm for apples will diminish with the landfill coming closer to us. We rent the farmland from my mother, Gail Bokor, which is even closer to your proposed expansion. That land will be affected as well. We have a potential of applying for land severance of lots for homes on these properties but unsure if anyone would consider with the landfill in their backyard.

We have expressed our opinion and hope you consider it.

We do appreciate everything that the landfill does for our community immensely but concerned how this project will affect us personally, financially and our quality of life.

Thank you for your time,



Progressive Waste Solutions

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
T: 519. 676.5000
F: 519.745.4934

August 15, 2016

[redacted]

Thank you for your July 25 note expressing your concerns about our proposed expansion and its potential impact on your home and business.

As you may have seen and read at the May 3 Open House you attended, we have an environmental management system in place at the landfill that follows stringent Ministry of Environment and Climate Change regulations. While we have an excellent environmental record, we continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of nuisance issues such as odours, noise and traffic from impacting our neighbours and the community. These and other issues will be addressed in the Environmental Assessment.

It should be noted that the proposed expansion has outlined a number of expansion options that may or may not impact your home or business. At our Open House***s*** on May 3 and June 28, we discussed the addition of berms, enhanced woodlot areas and other visual barriers with our immediate neighbours and received good feedback on these initiatives and we appreciate your particular concern with respect to potential impact on fruit trees which we plan to bring forward in our Environmental Assessment. In regards to the proposed expansion and its potential impact on property values for nearby residents, these are valid and legitimate concerns for any landowner. We do have a Property Protection Program in place currently and we will be addressing it again as part of the forthcoming Environmental Assessment process.

I would be happy to meet at your home/business to further discuss your concerns. I can be reached most easily on my cell phone at 519-358-2860 and at your convenience.

Sincerely,

Cathy Smith
Project Manager, Ridge Landfill Expansion

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted]@progressivewaste.com, Wed, Jul 27, 2016 at 9:14 PM

[redacted] Message: Ridge Landfill

My house is located 3200 ft. from your property at [redacted] I have not complained a lot about the landfill but that does not mean that it does disrupt our Bruschetta lives. The smell at times is unbearable and the noise is getting more noticeable as you progress further to the south as you are doing already. We cannot sit on the deck in the morning without hearing the constant noise from your mountain of garbage. Our concern with this proposed expansion is that the smell is going to get more frequent as the winds will definitely send it our way more often as the pile gets closer to our house. Also the noise will naturally get louder as you get closer. This spring we were outside and the dust from the landfill came all the way to our property. It was a calm morning and you could see the cloud of dust closing in on us. Blowing garbage is another concern as it ends up in our fields. Yes you do pick some of it up but we get to pick the rest out of our fields and
out of o
ur equipment. We have a beautiful home and built a nice farmstead but are concerned as the expansion brings the pile closer to us the value of our property will be greatly affected. Also the proposal to relocate the wooded area that is in the southeast corner by planting trees in a different spot is ridiculous. How do you relocate a wooded area that's been here for centuries? The trees look pretty healthy from my observations and to destroy that would be a shame.

[redacted]

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Thu, Jul 28, 2016 at 12:00 PM

[redacted]@progressivewaste.com,

[redacted] Message: What is the cost to drop off a regular house waste bag and recycling. We are at a cottage and are not sure where to take it.

DILLON CONSULTING

[redacted]

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted]@progressivewaste.com, Thu, Sep 1, 2016 at 11:43 AM

[redacted] Message: Hello, I was wondering who I may contact to submit a resume to. I am a certified heavy equipment operator. Thank you and have a good day!

DILLON CONSULTING

[redacted]

# New contact form submitted: RIDGELANDFILL.COM

[redacted]com, Thu, Sep 8, 2016 at 12:48 PM

[redacted]Message: Good Afternoon,

I tried emailing the address located on this page, but it always bounces back. I am currently seeking full-time employment, I have attached my resume and cover letter outlining my experience and qualifications in the agricultural and office fields. I look forward to hearing from you in the near future to discuss my experience and qualifications. Thank you and have a great day.

[redacted]

[redacted]

I am inquiring on how to go about applying for sponsorship donations on behalf of the Blenheim YBC (youth bowling) league. It appears our current coordinator may not be returning this season and has not done any preparations or fundraising to get the season started.

Do you have an application form for this? (sorry, I have never had to do this before) Is there a deadline for applications?

Any help would be appreciated as our kids love to bowl and we try to keep it affordable for all families for these children to attend the many tournaments throughout the season.

[redacted]

---

[redacted]

Progressive
Waste Solutions

DILLON CONSULTING

[redacted]

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Tue, Oct 25, 2016 at 1:27 PM
[redacted]

Hello Mr. Maris, we will certainly include you on our contact list with respect to the EA project moving forward.

Regards,

Cathy


**Cathy Smith HBA , MA, ENV SP**

**Project Manager - Ridge Landfill Expansion**

T: 519 676 5000 | F: 519 745 4934 | C: 519 358 2860

**Progressive Waste Solutions** | 20262 Erieau Road | Blenheim, Ontario, N0P 1A0 **www.progressivewaste.com**


Progressive Waste Solutions

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**From:** [redacted]
**Sent:** Tuesday, October 25, 2016 12:44 PM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; [redacted]
**Subject:** New contact form submitted: RIDGELANDFILL.COM

[redacted] Message: I am the executive director of the Chatham Kent Essex Association of Christian Farmers (CKE CFFO). Please add me to your contact list for distribution of information about this process. My phone number is [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Fwd: Proposed expansion concerns/follow up after February 15/17 meeting

1 message

[redacted]

**From:** Cathy Smith <cathy.smith@progressivewaste.com>
**Date:** April 19, 2017 at 10:01:25 AM EDT
**To:** [redacted]
**Subject: Proposed expansion concerns/follow up after February 15/17 meeting**

Hi [redacted],

First my apologies, after you suggested we meet again I thought I would consolidate our discussion from meeting one and two together for your consideration.

I understand your concerns about the impact that a tree line could have. I raised it in discussion as a possible solution to create a visual barrier at both your home and business but if you think it will affect the orchard/your operations it's obviously not an option. It was not meant to be an "offer" to satisfy your overall concerns, just one possible way to address one of your concerns.

Once we have approval to proceed with the EA we will be able to identify a preferred site development alternative. At that stage we will have a much clearer understanding of what the expanded footprint will look like and will have the ability to assess potential off-site impacts. On the matter of compensation, that too will be addressed when we undertake the Social Impact Assessment for the preferred site development alternative as part of the EA process. You will have the opportunity for significant input on these matters.

I am more than happy to chat more about your concerns, the process and timing. It was a pleasure meeting and talking to both of you! As always, please call me anytime! 519 358 2860, C

On Apr 18, 2017, at 5:51 PM, [redacted] wrote:

> Hi Cathy,
>
> Doing a follow up on the topics discussed with you since our last meeting of February 15, 2017.
>
> We have not received your summary email of our conversation to view and would like to give you our
>
> opinion on what we discussed.
>
> We would first like to thank you for coming out and hearing our concerns in person and addressing them.
>
> You commented that the company (RidgeLandfill) suggested to offer putting up a wind/barrier of trees
>
> along the boundary of our properties to block/obstruct the view of this expansion that is moving forward.
>
> Unfortunately that would create other issues such as interference with wind circulation in the event of
>
> potential frost warnings, would not block our view, underground tile would be affected and the loss of
>
> productive land is at risk. We are not satisfied with this offer and know it would not solve our issues.
>
> We are well aware of the surrounding neighbours of the landfill and the compensations they have/are
>
> receiving for the inconveniences to them.
>
> Our residential living as a neighbour, our retail business in clear view of site and/or odours, the land values of
>
> our properties does/will ALL have significant impact on our livelihood.
>
> We are seeking a much better compensation for having to deal with this project that is progressing forward.
>
> It is important that we all work together through this transition and not become enemies or create

problems

for one or another.

Thank you Cathy for your time and everything the Landfill contributes to the well-being of our local community.

Looking forward to your reply.

Sincerely,



DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Fwd: Ridge Landfill expansion comments

1 message

[redacted]

**From:** Cathy Smith <cathy.smith@progressivewaste.com>
**Date:** April 20, 2017 at 8:34:34 AM EDT
**To:** [redacted]
**Subject: Ridge Landfill expansion comments**

Hi [redacted],

Thank you for your feedback. Please be assured that while we are past the comment period for the Terms of Reference (TOR) we will still include your comments/concerns in the Environmental Assessment (EA) Record of Consultation.

My intent was not to side-step your concern about Toronto residential waste, it was to clarify that Metro Toronto disposes all of its own residential waste at its landfill in St. Thomas which they estimate they have a remaining capacity of at least another 20 years.

In our TOR we have committed to the Ministry of the Environment that we will refine the service area for residential waste during the EA process and again your thoughts will be reflected in that EA RoC.

We do receive non-residential waste from the GTA. These wastes come to us from our transfer station located in Peel Region and wastes that come to us from our other transfer points in southwestern Ontario as well as from third-parties who use our transfer facilities.

There are a number of reasons why we receive these wastes including but not limited to the fact that there are no landfills in the GTA. Municipalities closer to the GTA that do have landfills are restricted to receiving waste from within their own jurisdiction, and in some cases those landfills refuse non-residential waste even from their own jurisdiction to preserve their own landfill capacity.

Right now this leaves non-residential waste haulers limited options, use the Ridge, Twin Creeks near Sarnia or dispose in Michigan or New York.

I appreciate that you are still concerned about receiving this waste in Chatham-Kent but I hope I have adequately answered your question.

Regards
Cathy

**From:** [redacted]
**Date:** April 13, 2017 at 5:14:34 PM EDT

**To:** Cathy Smith <cathy.smith@progressivewaste.com>
**Subject: Re: Ridge Landfill expansion comments**

Hello again, Cathy.

I realize this issue is well past the reply date for the public comment period of last May, but I found it a little disconcerting when you addressed my concern about the ongoing acceptance of waste from Toronto and the GTA by simply stating in your letter that you were not seeking to accept Toronto's residential waste since that was going to the landfill near London.

That was an interesting side-step in avoiding the concern I raised.

It is interesting to note that in a recent media article about the imminent temporary closure of the Hwy 40/401 interchange, Adam Sullo, the director for engineering for C-K, indicated that the trash haulers bringing industrial and institutional waste from the GTA would have to change their access route to get to the Ridge Landfill.

See this link: http://chathamvoice.com/2017/04/11/construction-to-soon-sever-hwy-40/

It is hard to believe some folks these days.

So again I ask why so much of the Toronto/GTA waste, regardless of whether it is residential, industrial or institutional, needs to come all the way down to C-K?

Sincerely,

[redacted]

**From:** Cathy Smith <cathy.smith@progressivewaste.com>
**Sent:** June 3, 2016 8:47 AM
**To:** [redacted]
**Subject:** RE: Ridge Landfill expansion comments

Good Morning [redacted], please find the attached letter in response to your concerns, please don't hesitate to call me to discuss further at your discretion.

Regards,
Cathy

Cathy Smith HBA, MA, ENV SP
Project Manager
Progressive Waste Solutions

T: 519-676-5000
C: 519-358-2860
F: 519-745-4934

Ridge Landfill
20262 Erieau Road
Blenheim, ON, N0P 1A0
www.progressivewaste.com

Progressive Waste Solutions
www.progressivewaste.com

Find effective and affordable waste collection, recycling, construction container rental, industrial waste management and many more environmental services for ...




**From:** [redacted]
**Sent:** Thursday, May 26, 2016 12:51 PM
**To:** Cathy Smith
**Subject:** Ridge Landfill expansion comments

I am writing to oppose the proposed expansion of the Ridge Landfill.

According to the MOE, it is currently the largest operating landfill in Ontario, by a considerable margin.....almost half as large again as the next largest one. It also is already taking in as much or more than any other landfill in Ontario on an annual basis.

The notice in the paper indicated that the reason for the landfill expansion is to meet the needs of the municipality and Ontario. That is quite misleading, in my opinion.

Certainly it serves the needs of the municipality waste disposal requirements, as it should; also the local council has benefited (been bought off??) from the financial contributions and because of this financial infusion, will likely not oppose the expansion. However it is well known amongst C-K constituents that the C-K council is not an environmentally responsible one. Money talks much louder with them than any semblance of environmental responsibility!

However, I believe the real reason for expansion is to serve the needs of Ontario, i.e. Toronto and the GTA as well as other large centres in southwestern Ontario where local opposition to landfill expansion closer to home is more politically charged..

It is high time that Toronto/the GTA, etc found a better solution to their garbage disposal needs than to ship it to Chatham-Kent.

**C-K should not be the dumping grounds for Toronto/the GTAs, etc waste.**

The steady stream of large tractor-trailers hauling waste to C-K is impacting the traffic congestion on Hwy 401. This happens all year around, regardless of weather, and

increases traffic hazards. It also increases the rate of deterioration of the road surface of Hwy 401, resulting in more maintenance costs. It also requires substantial fuel costs for all of that transport traffic.

C-K is an agriculturally based community. The landscape should be used for food production, not waste disposal.

In summary, C-K has more than paid its dues to benefit Toronto, the GTA etc for several years. The Ridge Landfill should be used primarily to benefit the residents of C-K, and I oppose the proposed expansion.

Sincerely,

[redacted]

Chatham

<image001.png>

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Re: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Thu, Apr 20, 2017 at 10:38 AM
To: [redacted]
Cc: "wescmuir@gmail.com" <wescmuir@gmail.com>, "ridgelandfill@bficanada.com" <ridgelandfill@bficanada.com>, Tim Kozlof <tim.kozlof@progressivewaste.com>, "callan@dillon.ca" <callan@dillon.ca>

Hi [redacted] you can reach out to our Ridge Community Trust Fund for whom we provide annual $$$ for community initiatives. You can email them at rlctrust@ciaccess.com and tell them the nature of the project, the amount of funding you are seeking, timing for funding need. Thanks, Cathy

Sent from my iPhone

On Apr 19, 2017, at 7:54 PM, [redacted]

> Name: [redacted] Message: I'm sending this to see how I would apply for community funds. My group is the 59 Army Cadets in Chatham we are looking for funds to buy new kit for our unit.

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Tim Kozlof** <tim.kozlof@progressivewaste.com> Wed, Jul 5, 2017 at 9:42 AM

[redacted]

Hi [redacted] gate rate is $79.65 plus tax.

Minimum one tonne charge.

The least you would pay is $90.00


**Tim Kozlof**
**District Manager**

T: 519 676 5000 | F: 519 676 4967 | C: 519 358 3555
**Waste Connections of Canada** | 20262 Erieau Road | Blenheim, ON, N0P 1A0
www.WasteConnectionsCanada.com


WASTE CONNECTIONS OF CANADA

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**From:** [redacted]
**Sent:** Wednesday, July 05, 2017 7:59 AM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: What is the dump fee rates per/ton?

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Tue, Aug 1, 2017 at 12:15 PM
To: [redacted]

Hi [redacted] please call our Chatham yard at (519) 360-9435, they will be able to provide you a bin and cost estimates, thanks!
Cathy

---

**From:** [redacted]
**Sent:** Tuesday, August 01, 2017 11:27 AM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted]Message: I am looking for a residential dumpster rental. Is this a service you provide and could you provide an estimate for rental and tippage? Thank you.

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Thu, Aug 3, 2017 at 1:37 PM
To: '[redacted]

Hi [redacted], we charge a minimum fee of $85 plus tax for any load coming in to the Ridge Landfill. Usually the municipal waste transfer stations end up being cheaper if you can take the waste to one of them yourself (they are listed on the www.chatham-kent.ca website in the garbage and recycling section). If you prefer a bin you can call our Chatham yard at (519) 360-9435, they will be able to provide you a bin and a cost estimate, thanks! Cathy

---

**From:** [redacted]
**Sent:** Thursday, August 03, 2017 1:16 PM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: We in the midst of taking down a "playhouse" built with real home supplies (insulation, drywall, shingles etc). I was told by the municipality that we could bring the garbage there for a fee (per pound). How does work, exactly and is this cheaper than renting a bin? Thanks, Lesley

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Fri, Sep 8, 2017 at 10:11 AM
To: [redacted]

Hi [redacted], the minimum fee is $90 per load and $90 for every additional metric tonne over one metric tonne. We take Debit, Cash, Visa and Mastercard. Thanks, Cathy

---

**From:** [redacted]
**Sent:** Wednesday, September 06, 2017 11:11 AM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted]Message: I have a small trailer load of shingles to dump and need to know the cost and what payment methods are available.

Thank you [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Fri, Sep 8, 2017 at 10:04 AM

[redacted]

Hi [redacted] you can reach the Ridge Trust at rlctrust@ciaccess.com. Let them know what the funding is specifically for, how much funding you are looking for and when you need the funding to occur. That will get you started on them being able to determine eligibility etc. Thanks! Cathy

---

**From:** [redacted]
**Sent:** Thursday, September 07, 2017 8:28 PM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Hello,

My name is [redacted] and I am the Head Coach for the Chatham Rookie Major baseball team. I am looking for some information regarding your trust fund that helps community groups. I am looking for help to cover some cost of new baseball bags as well as helps for the players.

Please email me with some information regarding the fund that you have available. Thanks [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Wed, Sep 13, 2017 at 10:12 AM
To: [redacted]

Good morning, yes we are currently planning for a third open house but have no fixed date yet. Our hope is to hold it toward the end of October at St. Mary's Hall. If you provide your mailing address I can make sure you are added to our project contact list so you can be notified in advance, thanks! Cathy


Cathy Smith HBA, MA, ENV SP
Project Manager – Ridge Landfill Expansion

T: 519 676 5000 | F: 519 676 4967 | C: 519 358 2860
Waste Connections of Canada | 20262 Erieau Road | Blenheim, ON, N0P 1A0
www.WasteConnectionsCanada.com


WASTE CONNECTIONS OF CANADA

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**From:** [redacted]
**Sent:** Wednesday, September 13, 2017 9:55 AM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Can you advise if there are any future open houses on the landfill expansion planned presently?

Thanks.

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Tue, Sep 19, 2017 at 11:14 AM
To: [redacted]
Cc: "wescmuir@gmail.com" <wescmuir@gmail.com>, Tim Kozlof <tim.kozlof@progressivewaste.com>, "callan@dillon.ca" <callan@dillon.ca>

Hi [redacted], I'm not sure if you are familiar with our Ridge Landfill Community Trust. It's an independent group of community leaders who allocate funds to community programs and initiatives. Those funds are provided to them for that purpose annually by our Ridge Landfill. If you would like to seek funding from the Trust you can email them at rlctrust@ciaccess.com. You need to send them your proposal and details with respect to the amount of funding you would be seeking. Thanks! Cathy


Cathy Smith HBA, MA, ENV SP
Project Manager – Ridge Landfill Expansion

T: 519 676 5000 | F: 519 676 4967 | C: 519 358 2860
Waste Connections of Canada | 20262 Erieau Road | Blenheim, ON, N0P 1A0
www.WasteConnectionsCanada.com


WASTE CONNECTIONS OF CANADA

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**From:** [redacted]
**Sent:** Monday, September 18, 2017 7:55 PM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Hi, My name is [redacted] I am writing on behalf of Melinda's school of dance in Ridgetown Ontario. We would like to apply for a sponsorship/ donation, and wondering how do we go about that ? what information would you need and how or where do we bring our letter? Thank you so much and hope you have a wonderful day [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# FW: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Tue, Sep 26, 2017 at 10:54 AM
To: "callan@dillon.ca" <callan@dillon.ca>

FYI

---

**From:** Cathy Smith
**Sent:** Tuesday, September 26, 2017 10:54 AM
**To:** [redacted]
**Subject:** RE: New contact form submitted: RIDGELANDFILL.COM

Hi [redacted] I have passed this along to our Ridge Landfill Trust and you should be hearing something from them shortly, thanks! Cathy


Cathy Smith HBA, MA, ENV SP
Project Manager – Ridge Landfill Expansion

T: 519 676 5000 | F: 519 676 4967 | C: 519 358 2860
Waste Connections of Canada | 20262 Erieau Road | Blenheim, ON, N0P 1A0
www.WasteConnectionsCanada.com


WASTE CONNECTIONS OF CANADA

---

**From:** [redacted]
**Sent:** Thursday, September 21, 2017 8:30 PM
**To:** wescmuir@gmail.com; ridgelandfill@bficanada.com; Tim Kozlof; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Hello, My name is [redacted] I'm President with the Chatham Kent Cyclones AAA hockey club. We are starting a fundraising campaign and were wondering for a donation from your company. We are requesting funds for the completion of a dressing room makeover in the Ridgetown arena that we use. The project includes new benches, new floor, paint, white board and monitor to review game tape. This project will cost close to $9000.00. We are also trying to raise funds for 6 IPADS to use for electronic gamesheets that we have to start using next year as mandated from our hockey league, the Minor Hockey Alliance of Ontario. If this not the correct division for donations, could you please pass this email on to the proper department. Thank you for your time and if you would like to discuss this more I can be reached at [redacted] Sincerely, [redacted]

DILLON CONSULTING

**Allan, Catherine <callan@dillon.ca>**

# Re: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Wed, Sep 27, 2017 at 12:17 PM
To: [redacted]

Hi there, it's minimum $90 per load and an additional $90/tonne over one tonne. You might want to check the municipal transfer stations too it might be cheaper, Cathy

Sent from my iPhone

On Sep 27, 2017, at 12:13 PM, [redacted] wrote:

> Name: [redacted] Message: Hi, I'd like to bring in a trailer full of construction waste from a reno. Would like to know the cost. Thank you.

DILLON CONSULTING

**Allan, Catherine <callan@dillon.ca>**

# Re: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Wed, Sep 27, 2017 at 11:19 AM
To: '[redacted]
Cc: [redacted]

Hi [redacted], it's minimum $90 per load and an additional $90/tonne over one tonne. You might want to check the municipal transfer stations it might be cheaper, Cathy

Sent from my iPhone

On Sep 27, 2017, at 11:12 AM, [redacted] wrote:

> Name: [redacted] Message: Hello,
>
> I was wondering .. how much it cost to bring a trailer load of garbage from a flooded basement? It mainly would be in bags with the odd large object.
>
> If someone could let me know,that would be greatly appreciated
>
> [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# FW: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Fri, Oct 13, 2017 at 8:54 AM
To: "callan@dillon.ca" <callan@dillon.ca>

---

**From:** Wes Belanger
**Sent:** Friday, October 13, 2017 8:44 AM
**To:** Cathy Smith
**Subject:** Fwd: New contact form submitted: RIDGELANDFILL.COM

Sent from my iPhone

Begin forwarded message:

> **From:** Wes Belanger <wes.belanger@progressivewaste.com>
> **Date:** October 13, 2017 at 8:20:13 AM EDT
> **To:** [redacted]
> **Subject: Re: New contact form submitted: RIDGELANDFILL.COM**
>
> Hi [redacted]
>
> Thanks for your interest. You can forward a resume to myself at wes.belanger@wasteconnections.com. Also you can go to wasteconnections.com for a full listing of job opportunities.
>
> Sent from my iPhone
>
> On Oct 13, 2017, at 7:51 AM, [redacted] wrote:
>
> > Name: [redacted] Message: Good morning, I was wondering about any potential career opportunities for equipment operators within the Ridge Landfill and where I might find listings?
> >
> > thank you very much for you time. [redacted]

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# FW: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Fri, Dec 1, 2017 at 1:19 PM
To: Brent Bondy <brent.bondy@wasteconnections.com>
Cc: [redacted] Wes Belanger <wes.belanger@progressivewaste.com>

Hi Brent, please see below, Cathy

---

**From:** [redacted]
**Sent:** Friday, December 01, 2017 1:01 PM
**To:** Wes Belanger; ridgelandfill@bficanada.com; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Just wanted to pass a big thank you on to the folks who pick up our recycling here in Morpeth. We accidently left an extension cord in one of the boxes that we left at the curb. We were pleasantly surprised to see it waiting for us when we returned!

Please pass on our thanks to whoever was working in Morpeth This morning (Friday December 1st)!

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

## New contact form submitted: RIDGELANDFILL.COM

1 message

[redacted] Tue, Dec 5, 2017 at 4:05 PM

To: wes.belanger@wasteconnections.com, ridgelandfill@bficanada.com, cathy.smith@progressivewaste.com, callan@dillon.ca

Name: [redacted] Message: Hello, just a few questions. Are you open the following days after boxing day? What is the rate per tonne for construction demolition? Also I recall there is a 80$ minimum charge? Hours of operation? Thanks please let me know.

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: New contact form submitted: RIDGELANDFILL.COM

1 message

**Cathy Smith** <cathy.smith@progressivewaste.com> Wed, Dec 6, 2017 at 11:03 AM
To: [redacted]
Cc: Wes Belanger <wes.belanger@progressivewaste.com>

Hi [redacted], sorry to hear about your mother-in-law. We do accept this waste but our minimum charge at the gate is $95.00 (and $95.00/tonne for every tonne after that). Presumably you are fairly close to the Ridge which means it might be better for you to go the Harwich transfer station on Communication Road near the 401. Their minimum charge is only $20.00 and they take this waste as well. The other transfer station that takes this as well is in Wallaceburg, Cathy

---

**From:** [redacted]
**Sent:** Wednesday, December 06, 2017 9:33 AM
**To:** Wes Belanger; ridgelandfill@bficanada.com; Cathy Smith; callan@dillon.ca
**Subject:** New contact form submitted: RIDGELANDFILL.COM

Name: [redacted] Message: Do you accept household waste/large items--we are cleaning out my mother in-laws house (she passed away)…thanks

# Appendix F

## *Indigenous Community Letters*

April 7, 2016

Chief Tom Bressette
Kettle and Stony Point First Nation
6247 Indian Lane,
Ontario, N0N 1J1

Dear Chief Bressette:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

April 7, 2016

Chief Christopher Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario, N7T 7H5

Dear Chief Plain:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to ten days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

April 7, 2016

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington, Ontario
N8H 3W3

Dear Chief Hillier:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

April 7, 2016

Regional Chief Isadore Day
Chiefs of Ontario
111 Peter Street, Suite 804
Toronto, Ontario, M5V 2H1

Dear Regional Chief Day:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with you or a member of your staff with respect to the proposed project. We have also contacted all of the affected First Nations in the area of the project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 7, 2016

Chief Leslee White-Eye
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario
N0L 1Y0

Dear Chief White-Eye:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

April 7, 2016

Mr. Aly N. Alibhai
Director, Lands, Resources and Consultations
Metis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, Ontario
M5A 2P9

Dear Mr. Alibhai:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with you with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal

April 7, 2016

Chief Gregory Peters
Moravian of the Thames First Nation
14760 Schoolhouse Line, RR#3
Thamesville, Ontario N0P 2KO

Dear Chief Peters:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

April 7, 2016

Chief Roger Thomas
Munsee Deleware Nation
R.R. # 1
Muncey, Ontario, N0L 1Y0

Dear Chief Thomas:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage
Principal
Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

April 7, 2016

Chief Sheri Doxtator
Oneida of the Thames
2212 Elm Avenue,
Southwold, Ontario N0L 2G0

Dear Chief Doxtator:

I have been engaged by Progressive Waste Solutions Canada Inc (PWS) to help support discussions with indigenous communities with respect to future plans for PWS's Ridge Landfill near Blenheim, Ontario. It is our desire to meet with you to discuss these future plans and to gather your preliminary thoughts. PWS intends to make formal public notification in the next week to 10 days but would be pleased to arrange confidential discussions with your First Nation with respect to the proposed project.

The Ridge Landfill is located at 20262 Erieau Road, Blenheim, Ontario, (see maps) which may be within your traditional territory.






I along with representatives of PWS respectfully request an opportunity to meet with you and/or to discuss the project by phone at your discretion. If you prefer to meet in person could you please kindly suggest available dates that I can convey to the rest of our project team.

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Respectfully,

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April 7, 2016

Chief Dan Miskokomon
Walpole Island First Nation
Walpole Island Heritage Centre
R.R. #3 Wallaceburg, Ontario
N8A 4K9

Dear Chief Miskokomon:

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COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

April 18, 2016

Chief Christopher Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario, N7T 7H5

Dear Chief Plain:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

The proposed expansion of the Ridge Landfill would provide continued long-term disposal capacity for Chatham-Kent. We would like to emphasize that this expansion will not involve an increase to current annual waste volumes; it is an expansion of the life of the landfill that would allow operation to continue after 2022. Doing so will allow continued benefits of the facility to the municipality and the local communities.

There is a two-step process to obtain approval for the expansion. The first involves the preparation of an Environmental Assessment (EA) Terms of Reference (ToR) which outlines the road map for the EA. Once this road map is approved by the Ministry of the Environment and Climate Change, the second step is conducting the EA. The EA will look at the need for and opportunities associated with the Ridge Landfill, different ways to develop the facility, the potential for environmental effects and how effects would be mitigated.

Input is important to the development of the expansion plans for the Ridge Landfill and we welcome an opportunity to meet with you. We know that people may have questions and want to know that the environment will be protected. These issues and others will be addressed through a transparent process to develop a facility that maximizes the resource benefits from the waste materials and minimizes negative impacts on the environment and our community.

The public consultation process will begin with an Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A second Open House will be occurring approximately a month later.

If you have questions and/or comments, we would be pleased to meet with you to discuss. You may also wish to visit their website – www.ridgelandfill.com. I will follow up with your office.

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COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington, Ontario
N8H 3W3

Dear Chief Hillier:

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Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

April 18, 2016

Regional Chief Isadore Day
Chiefs of Ontario
111 Peter Street, Suite 804
Toronto, Ontario, M5V 2H1

Dear Regional Chief Day:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

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Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

April 18, 2016

Chief Leslee White-Eye
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario
N0L 1Y0

Dear Chief White-Eye:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

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1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

Chief Tom Bressette
Kettle and Stony Point First Nation
6247 Indian Lane,
Ontario, N0N 1J1

Dear Chief Bressette:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

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Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

April 18, 2016

Mr. Aly N. Alibhai
Director, Lands, Resources and Consultations
Metis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, Ontario
M5A 2P9

Dear Mr. Alibhai:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

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Respectfully,



John Beaucage
Principal

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

Chief Gregory Peters
Moravian of the Thames First Nation
14760 Schoolhouse Line, RR#3
Thamesville, Ontario N0P 2KO

Dear Chief Peters:

As a follow up to my earlier letter, I want to officially advise you that Progressive Waste Solutions will be announcing today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours and immediate communities surrounding the landfill. Also attached is the notice of commencement being published first in the Blenheim Tribune.

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Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

Chief Roger Thomas
Munsee Deleware Nation
R.R. # 1
Muncey, Ontario, N0L 1Y0

Dear Chief Thomas:

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COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

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Oneida of the Thames
2212 Elm Avenue,
Southwold, Ontario N0L 2G0

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COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

April 18, 2016

Chief Dan Miskokomon
Walpole Island First Nation
Walpole Island Heritage Centre
R.R. #3 Wallaceburg, Ontario
N8A 4K9

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COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

May 11, 2016

Chief Christopher Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario, N7T 7H5

Dear Chief Plain:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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At this stage we want to notify you of our plans for a second Open House on June 28th again to be held at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. The second Open House will be held within the mandatory thirty (30) day public and agency review period to commence on or about June 15th.

Input is important to the development of the expansion plans for the Ridge Landfill and we continue to welcome an opportunity to meet with you. If you would like to meet to discuss the expansion I kindly ask that you call me by May 25th to make arrangements. This would enable us to hear your comments prior to the end of the public and agency review period.

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COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

May 11, 2016

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington, Ontario
N8H 3W3

Dear Chief Hillier:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

May 11, 2016

Regional Chief Isadore Day
Chiefs of Ontario
111 Peter Street, Suite 804
Toronto, Ontario, M5V 2H1

Dear Regional Chief Day:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Input is important to the development of the expansion plans for the Ridge Landfill and we continue to welcome an opportunity to meet with you. If you would like to meet to discuss the expansion I kindly ask that you call me by May 25th to make arrangements. This would enable us to hear your comments prior to the end of the public and agency review period.

I can be reached at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

May 11, 2016

Chief Leslee White-Eye
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario
N0L 1Y0

Dear Chief White-Eye:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

May 11, 2016

Chief Tom Bressette
Kettle and Stony Point First Nation
6247 Indian Lane,
Ontario, N0N 1J1

Dear Chief Bressette:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

May 11, 2016

Mr. Aly N. Alibhai
Director, Lands, Resources and Consultations
Metis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, Ontario
M5A 2P9

Dear Mr. Alibhai:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West

May 11, 2016

Chief Roger Thomas
Munsee Deleware Nation
R.R. # 1
Muncey, Ontario, N0L 1Y0

Dear Chief Thomas:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

May 11, 2016

Chief Sheri Doxtator
Oneida of the Thames
2212 Elm Avenue,
Southwold, Ontario N0L 2G0

Dear Chief Doxtator:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

May 11, 2016

Chief Dan Miskokomon
Walpole Island First Nation
Walpole Island Heritage Centre
R.R. #3 Wallaceburg, Ontario
N8A 4K9

Dear Chief Miskokomon:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

As a follow up to my earlier letter, I want to advise you that Progressive Waste Solutions (PWS) held a well-attended (60 participants) Open House on May 3rd at St. Mary's Hall, 94 George Street, Blenheim from 5:00 to 8:00 pm. A series of information boards were presented with background information about PWS, the 50-year history of the Ridge Landfill, its environmental management systems, alternatives for expansion, the Terms of Reference and Environmental Assessment process and anticipated process schedule.

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Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

# MEETING MINUTES

**PROJECT:** **Ridge Landfill EA – Project Introduction Meeting**

**DATE/TIME:** **June 27, 2016, 9:00 am to 10:00 am**

**LOCATION:** 14 Orange Street, Leamington, ON N8H 1P5

**PRESENT:** Chief Louise Hillier (Caldwell), Councillor Lonnie Dodge (Caldwell), Councillor Janne Peters (Caldwell), Councillor James Peters (Caldwell), Mary Frances Duckworth (Caldwell), John Beaucage (Counsel Public Affairs), Cathy Smith (PWS), Tim Kozlof (PWS), Megan Bellamy (Dillon Consulting)

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Introductions

All attendees introduced themselves, what organization they were representing, and what their goals were for the meeting.

History of Caldwell First Nation

- Point Pelee was the traditional home of the Caldwell. They were burned out by the RCMP in the 1920's.
- Representatives of the Caldwell First Nation travelled to Ottawa to speak with the Minister of Indian Affairs and appeal to him to call an election. The current Chief (Chief Hillier) was elected in 2007.
- The Caldwell First Nation purchased their community centre in 2010.
- The Caldwell First Nation have shown great resiliency throughout their history, and want to approach this meeting in the spirit of collaboration with PWS.

Presentation: The Ridge Landfill Expansion

- Progressive Waste Solutions Canada Inc. (PWS) is one of the largest waste management companies in Canada. PWS employs 60 people in the Municipality of Chatham-Kent.
- The Ridge Landfill has been operating since 1966 and PWS took ownership approximately 10 years ago. The landfill accepts industrial, commercial and institutional (IC&I) waste from all of Ontario and residential waste from Chatham-Kent and the surrounding counties of Essex, Middlesex, Lambton, and Elgin.

- A previous Environmental Assessment (EA) was completed in 1998 to expand the landfill to its current permitted area. The landfill is now expected to reach capacity by 2022.
- The purpose of this EA is to expand the life of the landfill by another 20 years to 2041. The annual fill rate would remain the same at 1.3 million tonnes per year.
- Chief Hillier asked about stormwater management for the new portion of the site. PWS explained that the stormwater management facility would be sized appropriately during detailed design and that the current system includes controlled runoff of surface water into 5 ponds. The water is tested before it is released to a surface drain that runs around the outside of the landfill. It is noted that surface runoff doesn't come into contact with the waste. Water that does come into contact with the waste goes to the Blenheim wastewater lagoons. It was noted that groundwater quality is also independently monitored with results submitted to the MOECC annually. This monitoring has been taking place for over 50 years and has consistently been in compliance with Ministry standards.
- Dillon described the natural environment studies that have taken place so far at the site. These included botanical surveys, ecological land classification, amphibian and breeding bird surveys, and bat acoustic monitoring of the southeast and southwest woodlots. The woodlots are approximately 7 and 4 ha, respectively. PWS offered a tour of the site.

Other Items

- Chief Hillier asked what kind of grasses were in the seed mix on the Old Landfill. PWS will need to confirm but indicated there have been no issues with invasive species.
- It was asked if PWS employs any First Nations people locally. PWS indicated that it is difficult to determine this because they don't want to ask people to self-identify. Chief Hillier mentioned that First Nations have had employment at other landfill sites picking up litter and helping with bird management.
- PWS indicated they would reach out to Caldwell First Nation about potential sponsorship opportunities.
- PWS indicated they do educational outreach programs at the University of Guelph's Ridgetown campus.

Action Items

| Action | Responsible Party |
|---|---|
| Follow up regarding grass seed mix at Ridge. | PWS |
| Follow up regarding potential sponsorship opportunities. | PWS |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# Ridge Landfill Expansion

**A presentation to the Caldwell First Nation**

June 27, 2016

Progressive Waste Solutions

The Ridge Landfill Open House

# About Progressive Waste Solutions

Progressive Waste Solutions

- Progressive Waste Solutions is a leading provider of comprehensive waste management services in Ontario as well as across Canada.
- We have earned a highly valued reputation for environmental protection, waste diversion and recycling and development of renewable energy projects.
- We are committed to the most environmentally responsible management practices.
- Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent.










More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

# The Ridge Landfill

Progressive Waste Solutions




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# The Ridge Landfill

Progressive Waste Solutions

- Landfill operations began in 1966.
- Progressive Waste Solutions takes ownership and operation in 2005.
- The facility employs 23 persons.
- The Ridge Landfill receives all Chatham-Kent residential waste, and industrial commercial waste from across Ontario.
- The landfill is expected to reach capacity in 2022.

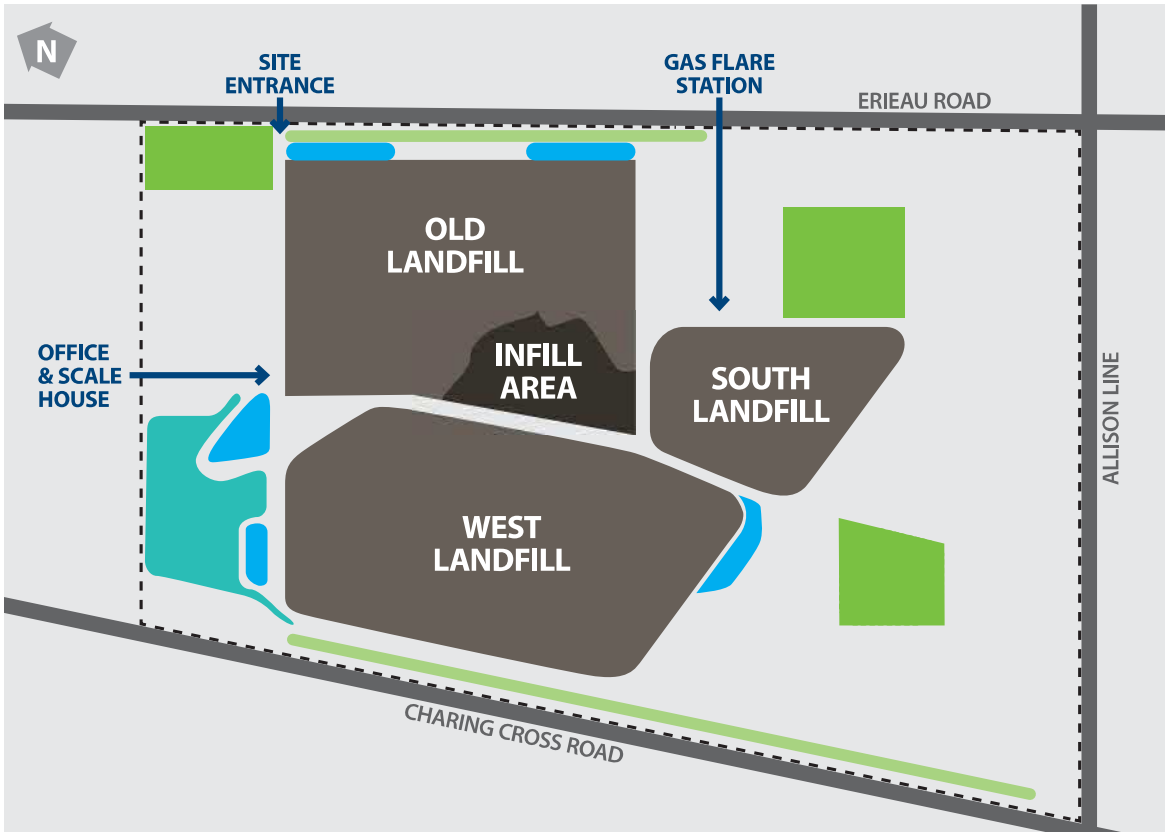



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# Current Landfill Site Operations

Progressive Waste Solutions




- Approved Waste Disposal Area
- Infill Area
- Existing Woodlot Area
- Existing Flood Control Facility
- Existing Stormwater Pond
- Existing Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Our Future Plans

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.

The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.

As a separate undertaking, Progressive Waste Solutions plans to develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.



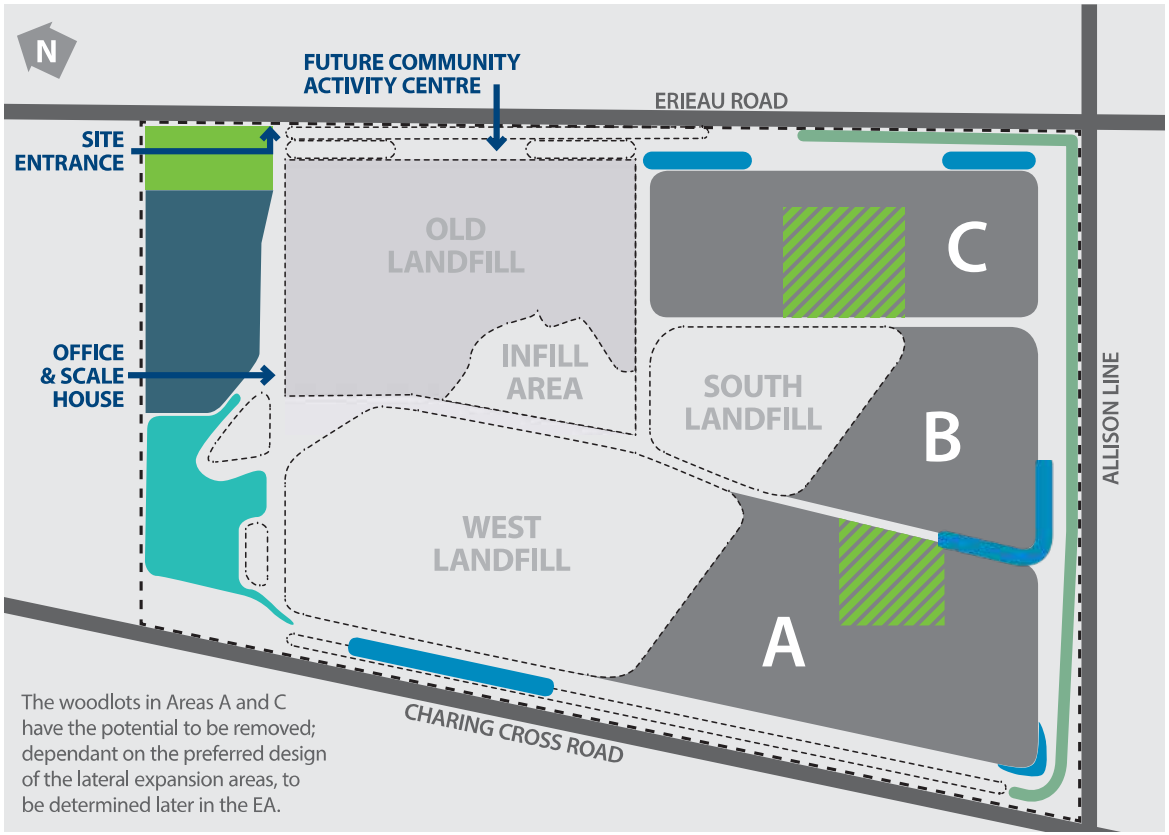


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What will the EA Look At?

# The Proposed Expansion

Progressive Waste Solutions




- Potential Lateral Expansion Areas
- Potential Vertical Expansion/ Landfill Mining Area
- Existing Woodlot Area
- Potential Flood Control/ Woodlot Compensation Area
- Existing Flood Control Facility
- Proposed Stormwater Pond
- Proposed Berm
- Progressive Waste Property Line

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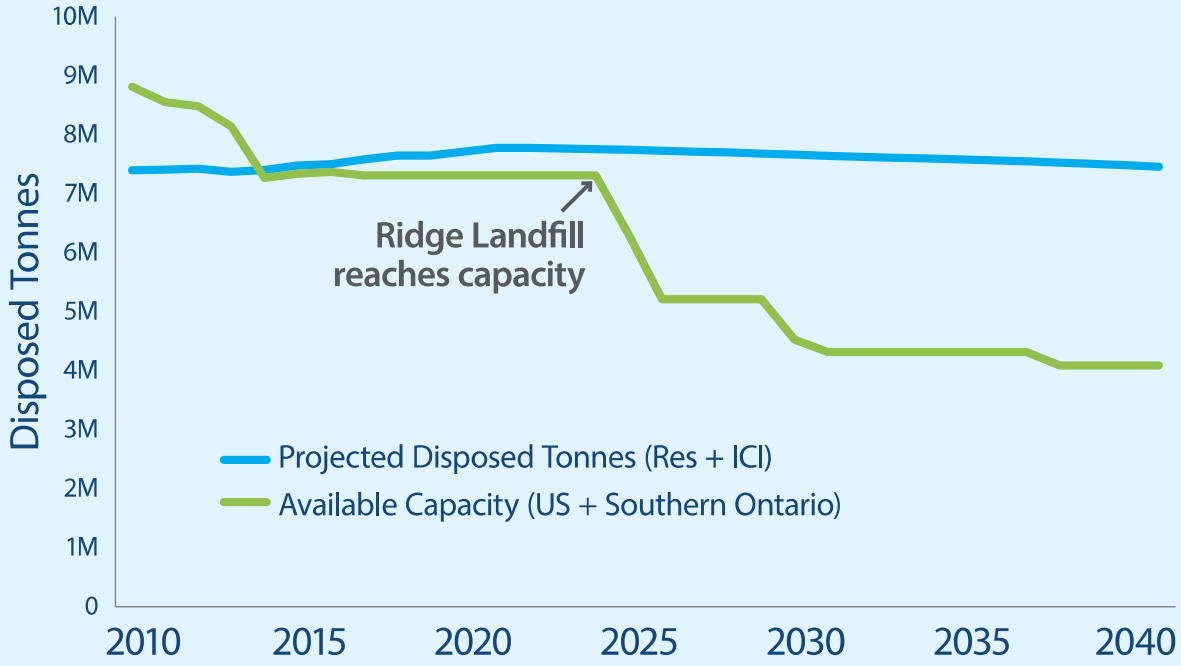
Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Need for More Capacity

Progressive Waste Solutions

Despite increased waste diversion, over seven million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which would include the Ridge Landfill reaching capacity in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Alternatives to Expansion

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Expand the Landfill with Waste Diversion

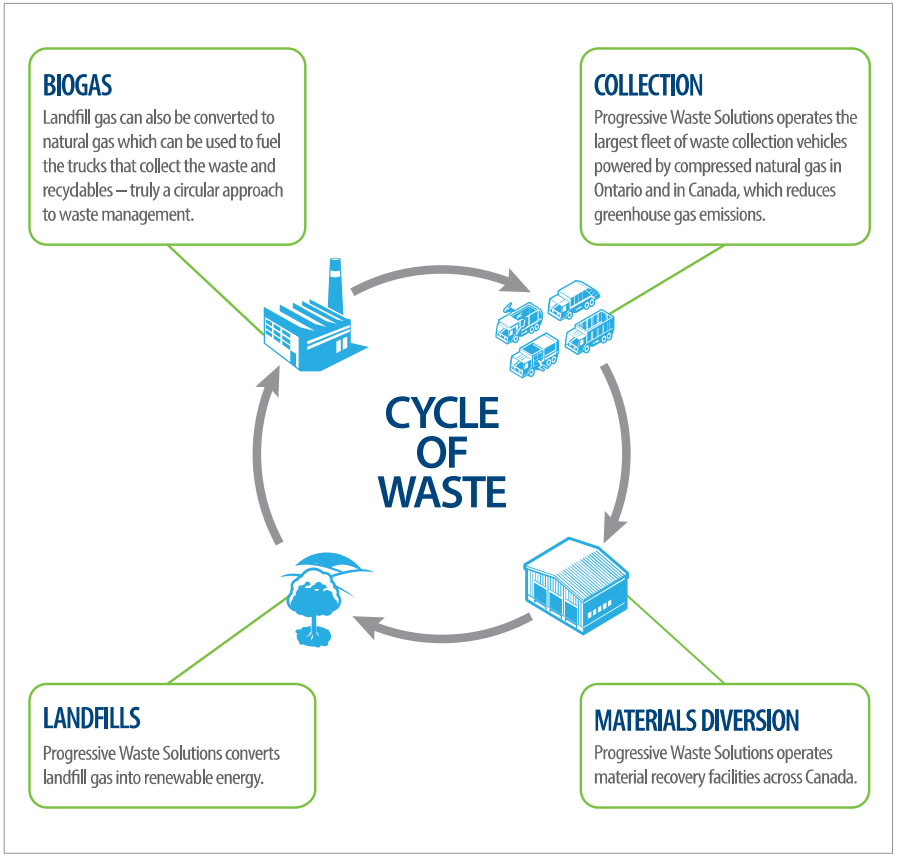
Progressive Waste Solutions

Progressive Waste Solutions will consider laterally expanding the current landfill and/or bring the height of the old landfill to same elevation as current landfill and/or mining the old landfill.

As part of the assessment, Progressive Waste Solutions will also consider the recovery of additional resources through enhanced diversion opportunities such as an expanded public drop-off area at the Ridge Landfill to divert additional recyclable materials (e.g. household hazardous, electronic wastes, etc.) and other recyclable materials that may be designated by the Province of Ontario.

Additional waste diversion opportunities will be identified by the Waste-Free Ontario Act and that are technically feasible and economically viable for Progressive Waste Solutions.

Should additional resource recovery occur at the Ridge Landfill there is the potential for additional traffic to the site and associated nuisance effects as well as potential nuisance effects from on-site processing activities (e.g. noise, dust, and odour).




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# EA Milestones and Consultation Plan

Progressive Waste Solutions

## Notice of EA Commencement



## Confirmation of Alternative Methods



**PWS will develop the expansion alternatives, resource recovery alternatives, and confirm the evaluation criteria through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement
- Evaluation Criteria Workshop

## Evaluation of Alternative Methods



**PWS will evaluate the alternatives select the preferred site expansion and resource recovery alternative through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Assessment of Potential Effects & Development of Mitigation



**PWS will identify the preferred alternative and develop mitigation programs to eliminate or reduce negative effects through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Notice of Draft EA Review



**A draft and final EA document will be prepared for public and agency review.**

## Submission of Final EA Submission



**MOECC will make a decision based on the final submitted EA.**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

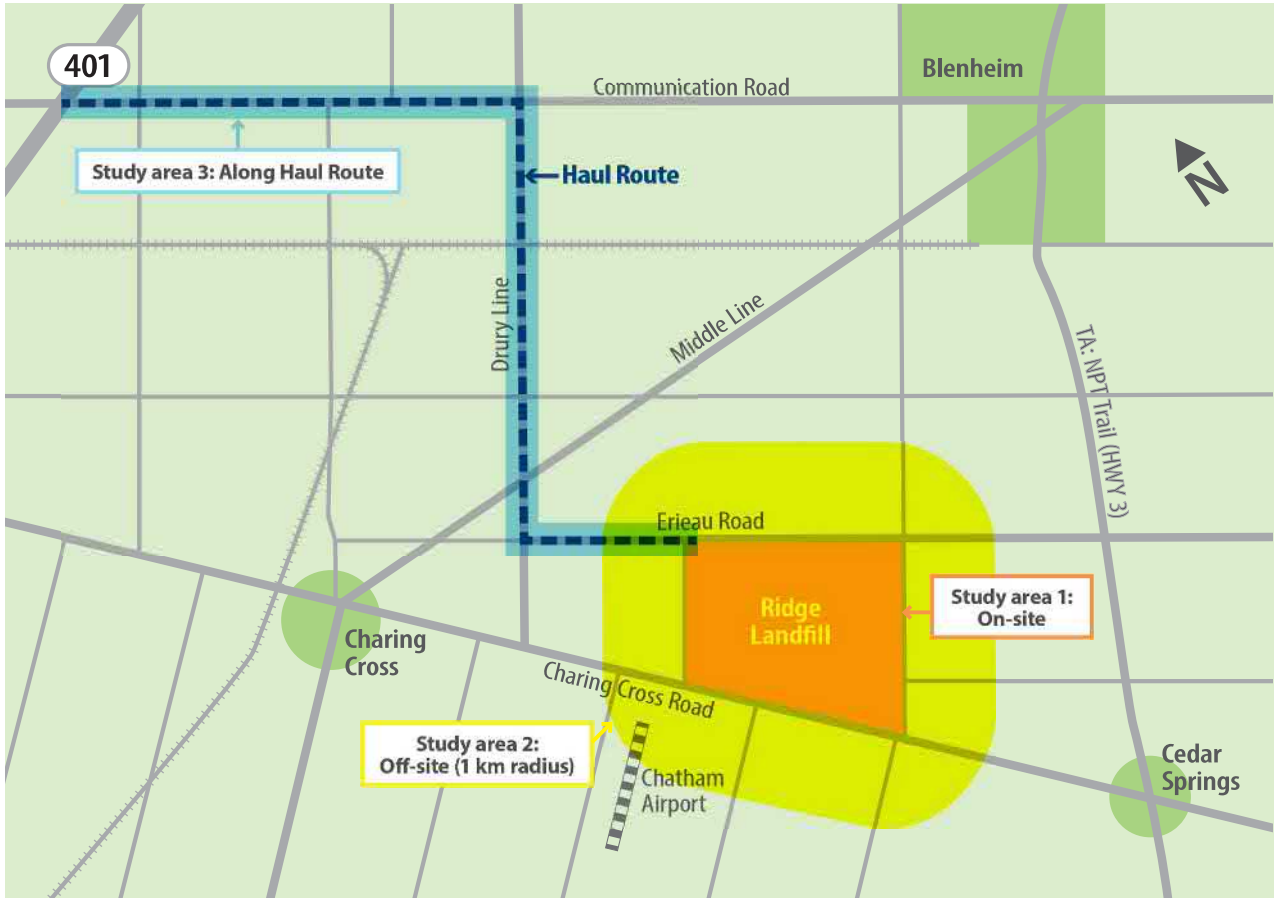
What will the EA Look At?

# Study Areas for the EA

Progressive Waste Solutions

PWS has identified three study areas to:

- confirm existing conditions
- create a common study area to evaluate site expansion alternatives, and
- identify and assess potential impacts of the preferred expansion alternative and establish mitigation to minimize effects.




Map of study areas

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



**Biology**
(e.g. fish, wildlife, woodlots and habitats)



**Geology/Hydrogeology**
(e.g. groundwater protection)



**Surface Water**
(e.g. on-site drains)



**Atmospheric**
(e.g. air, noise, dust and odour)



**Agriculture**
(e.g. disruption to local farm operations)



**Land Use**
(e.g. on other land uses)

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What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

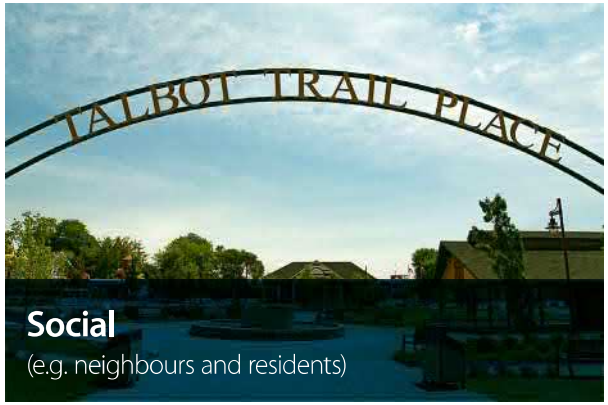
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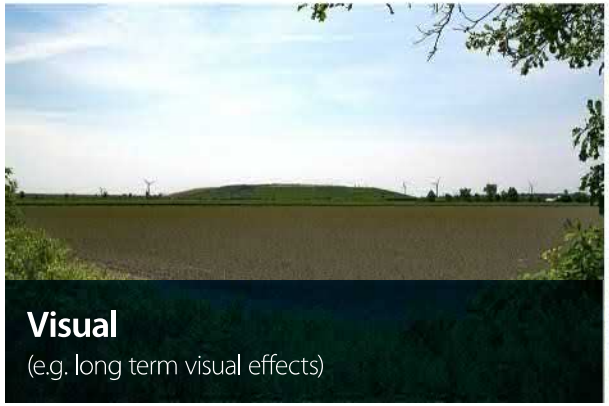
**Economic**
(e.g. the local economy)



**Archaeology/Cultural Heritage**
(e.g. local cultural heritage)




**Social**
(e.g. neighbours and residents)



**Visual**
(e.g. long term visual effects)



**Aviation and Bird Hazard**
(e.g. the use of the airport)



**Traffic**
(e.g. traffic flows)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Environmental Assessment Process

Progressive Waste Solutions

## Spring–Fall 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings
- 30 day review of draft Terms of Reference (June 28–July 28, 2016)

We are here

### Terms of Reference Review

- Final review of Terms of Reference (TBA in Fall of 2016)
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Stay Involved

Progressive Waste Solutions

## During the Terms of Reference and continuing through the EA, consultation with the community will include:

### Public Open Houses & Workshops

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

# Ridge Landfill Expansion

Appendices

Progressive
Waste Solutions

Environmental Management Today and into the Future

# Environmental Management System

Progressive Waste Solutions

## We have an excellent environmental record at the landfill site.

- We have an environmental management system in place for the landfill that follows stringent Ministry of Environment and Climate Change regulations.
- We continually review and update our operational programs in and around the landfill to maintain environmental protection and prevention of litter, birds, odour, noise, dust and traffic from impacting our neighbours and the community.
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Gas collection well at the Ridge Landfill

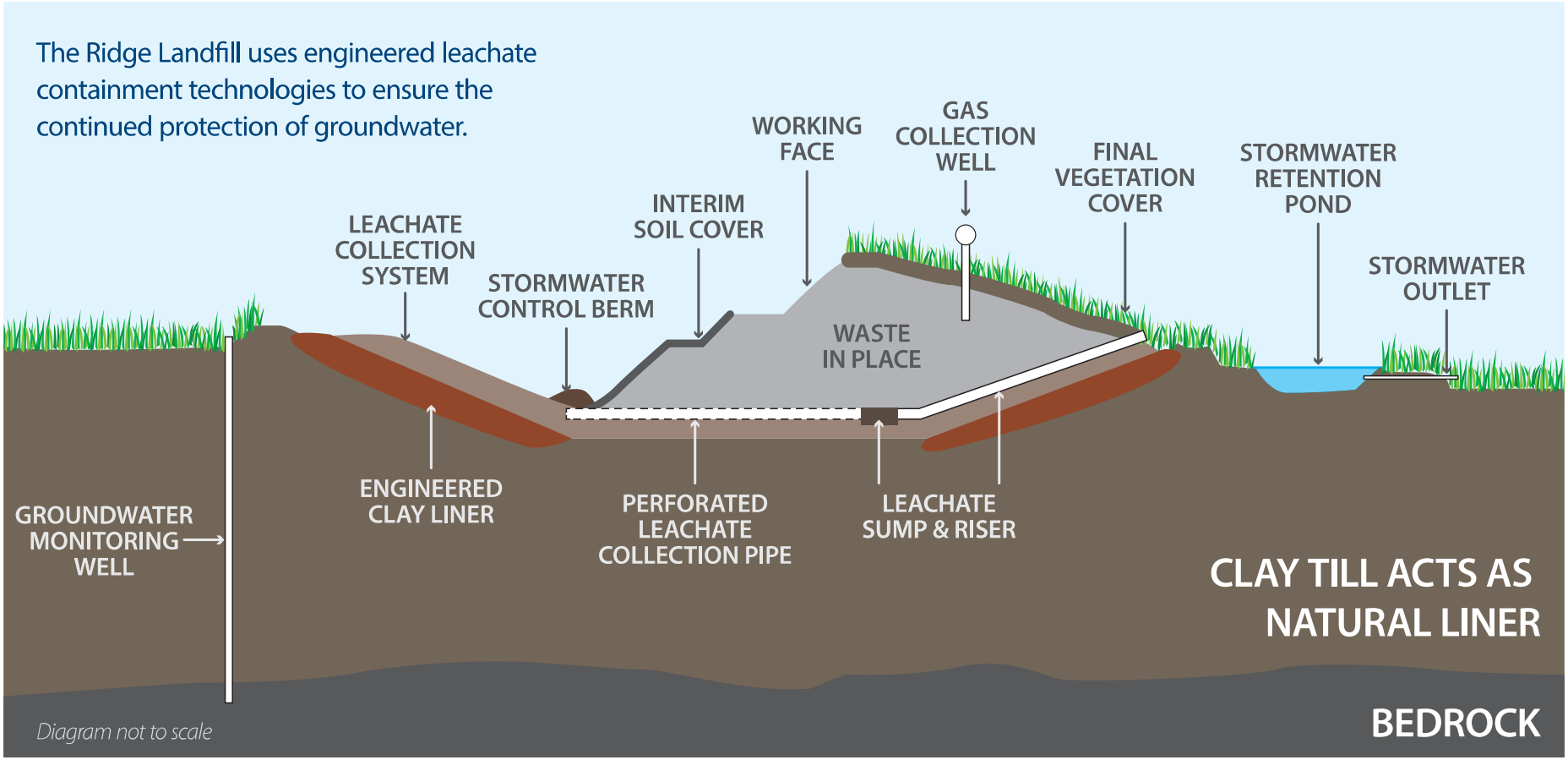
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Environmental Management Today and into the Future

# An Environmentally Engineered Landfill

Progressive Waste Solutions

The Ridge Landfill uses engineered leachate containment technologies to ensure the continued protection of groundwater.

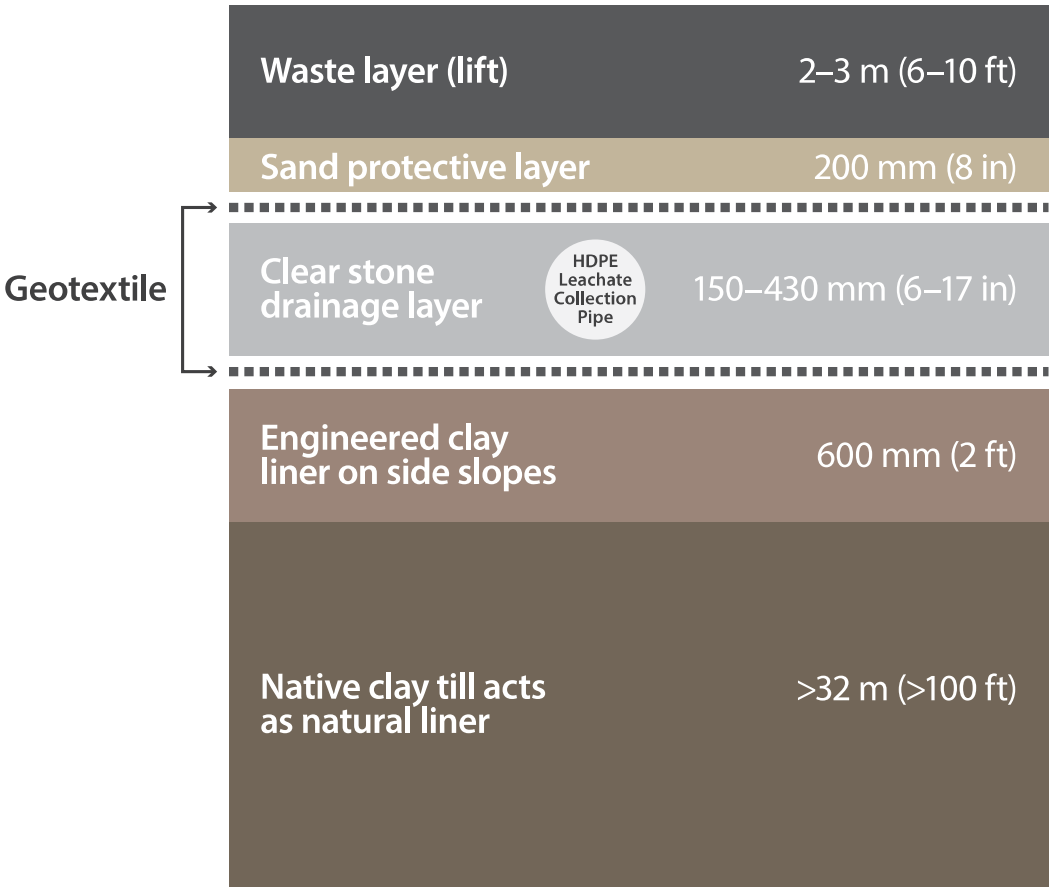



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Environmental Management Today and into the Future

# Leachate Collection System

Progressive Waste Solutions




**Leachate:** Water (either from rain or decomposition of waste) that percolates through the waste.

**Leachate Collection System:** A system of stone drainage material and pipes and that collects the leachate at the bottom of the landfill.

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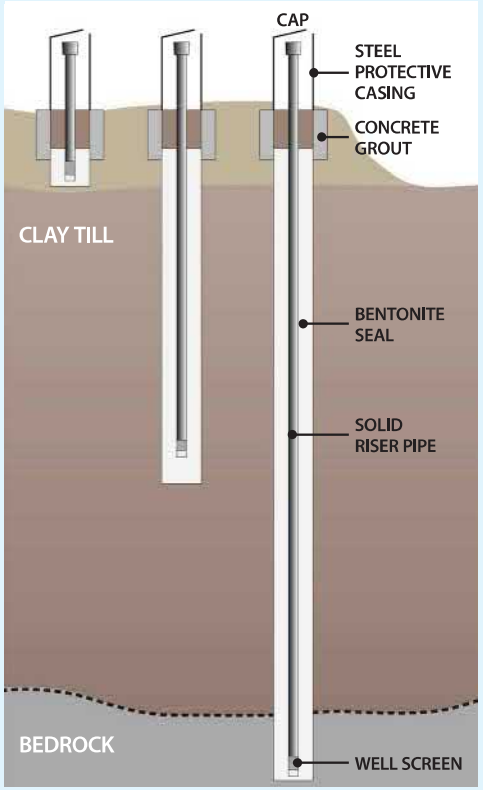
Environmental Management Today and into the Future

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Wells are placed strategically around the site to monitor groundwater at various depths.

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# A Partner in the Community

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## The Ridge Landfill contributes approximately $13 million directly and indirectly to the community. Of that:

- Approximately $9 million is spent annually on salaries, construction and road maintenance, goods and services purchased, taxes, etc.
- An annual royalty payment to the Municipality of Chatham-Kent based on the volume of material that comes into our facility from outside Chatham-Kent. In 2015, this amounted to $2.3 million; and since 2005 we have contributed over $15.9 million to the Municipality.
- Significant financial contributions are made to the Ridge Landfill Trust based on the volume of waste the landfill receives each year. In 2015, the Ridge contributed approximately $1.1 million. These monies are to benefit the local community such as the building of the Community Centre Park and splash pad (see photos at right), a new seniors' centre and youth drop in centre in downtown Blenheim.





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# MEETING MINUTES

**PROJECT:** **Ridge Landfill EA – Project Introduction Meeting**

**DATE/TIME:** **June 28, 2016, 10:30 am to 12:00 pm**

**LOCATION:** 2185 River Road, Wallaceburg, ON N8A 4K9

**PRESENT:** Dr. Dean Jacobs (Walpole Island First Nation), John Beaucage (Counsel Public Affairs), Cathy Smith (PWS), Tim Kozlof (PWS), Megan Bellamy (Dillon Consulting)

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Notes

- There are three tribes that make up the Walpole Island First Nation (WIFN) at the present location: the Pottawattamies, Ottawas and Chippewas. They amalgamated in the 1940s to form the WIFN.
- The largest FN reserve in Ontario is located in Toronto.
- 2014 marked the first court case where Aboriginal Title was recognized. An important distinction was that First Nations may be asked to provide consent for a project. Note that this is different than a right to veto a project. "Consent" can be thought of as similar to a "conditional approval". It was noted that consent cannot be unreasonably withheld.
- WIFN are part owners in a 100 MW wind farm with Northland Power. WIFN is interested in having equity in projects and would like to potentially have a conversation around this pertaining to the expansion of the Ridge Landfill.
- First Nations have the right to shelter under other's traditional territories.
- Proponents have a duty to consult and accommodate with First Nations.
- WIFN wants their interactions with proponents to be relationships – i.e., beyond the fulfillment of the formal Duty to Consult. WIFN has a consultation protocol that they prefer to be used. The protocol can be edited depending on the relationship.
- WIFN's concerns with the proposed expansion are likely to be related to environmental and operational impacts.
- Progressive Waste Solutions Canada Inc. (PWS) explained that there is a comprehensive communications plan for the Environmental Assessment. PWS has a strong relationship in the local community and they support the project. PWS provides funding to Chatham-Kent and other organizations through the Ridge Landfill Trust.
- Dean mentioned that the Green Lane compensation model for the landfill was favourable to First Nations and encouraged PWS to look at it, if the document is publicly available.

PWS mentioned that compensation agreements would be revisited as part of the EA process and would be dependent on the outcome of the evaluation of site development and resource recovery alternative methods.

- Dean emphasized the location of the Ridge Landfill within the WIFN's traditional territory and that WIFN's right to hunt and fish is extremely important. Dean also indicated that they have some data in-house that could be used to assess potential impacts from the project.
- PWS provided an overview of the project schedule and indicated that the second Open House would take place that evening (June 28) and that the 30 day review period for the draft Terms of Reference (ToR) had officially begun that same day.

Action Items

| Action | Responsible Party |
|---|---|
| Send Dean directions and address for Open House on June 28, 2016. | Dillon (completed). |
| Follow up with Dean regarding potential comments on the draft ToR. | John Beaucage |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# Ridge Landfill Expansion

**A presentation to the**
**Walpole Island First Nation**
June 28, 2016

Progressive
Waste Solutions

The Ridge Landfill Open House

# About Progressive Waste Solutions

Progressive Waste Solutions

- Progressive Waste Solutions is a leading provider of comprehensive waste management services in Ontario as well as across Canada.
- We have earned a highly valued reputation for environmental protection, waste diversion and recycling and development of renewable energy projects.
- We are committed to the most environmentally responsible management practices.
- Progressive Waste Solutions is a growing company that employs over 60 persons in the Municipality of Chatham-Kent.










More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

# The Ridge Landfill

Progressive Waste Solutions




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# The Ridge Landfill

Progressive Waste Solutions

- Landfill operations began in 1966.
- Progressive Waste Solutions takes ownership and operation in 2005.
- The facility employs 23 persons.
- The Ridge Landfill receives all Chatham-Kent residential waste, and industrial commercial waste from across Ontario.
- The landfill is expected to reach capacity in 2022.

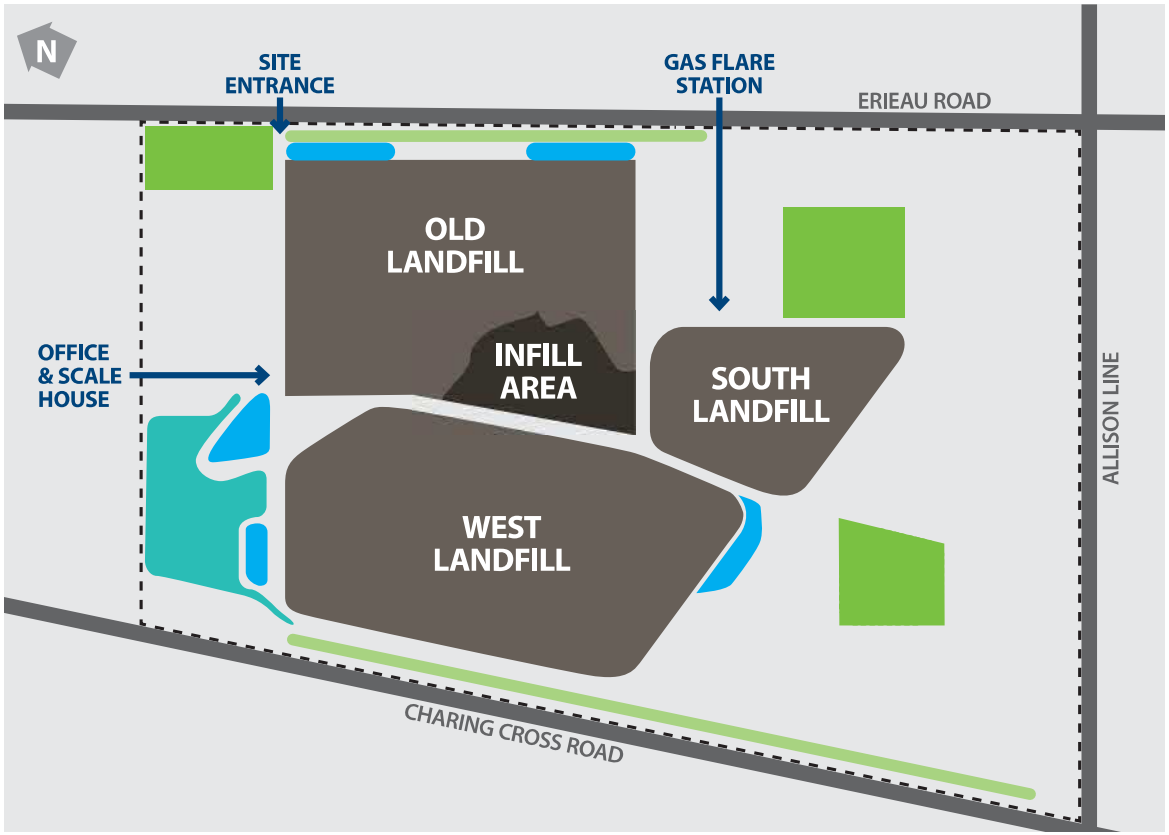



More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

The Ridge Landfill Open House

# Current Landfill Site Operations

Progressive Waste Solutions




- Approved Waste Disposal Area
- Infill Area
- Existing Woodlot Area
- Existing Flood Control Facility
- Existing Stormwater Pond
- Existing Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Our Future Plans

Progressive Waste Solutions

Progressive Waste Solutions is proposing to expand the life of the Ridge Landfill for an additional 20 years following stringent Ontario Ministry of Environment and Climate Change landfill regulations.

The annual permitted disposal capacity will not increase. Progressive Waste Solutions will continue to accept industrial and commercial waste from across the province and will seek to expand its service area for residential waste across Ontario.

The expansion would also include a public drop-off depot to allow residents to divert materials which are not being collected in the current residential recycling program as well as the construction of a new community activity centre.

As a separate undertaking, Progressive Waste Solutions plans to develop a biogas facility to convert landfill gas into pipeline quality natural gas which would be the largest biogas facility in Ontario and one of the largest in North America. We already operate a similar biogas facility at our Lachenaie Landfill in Quebec.



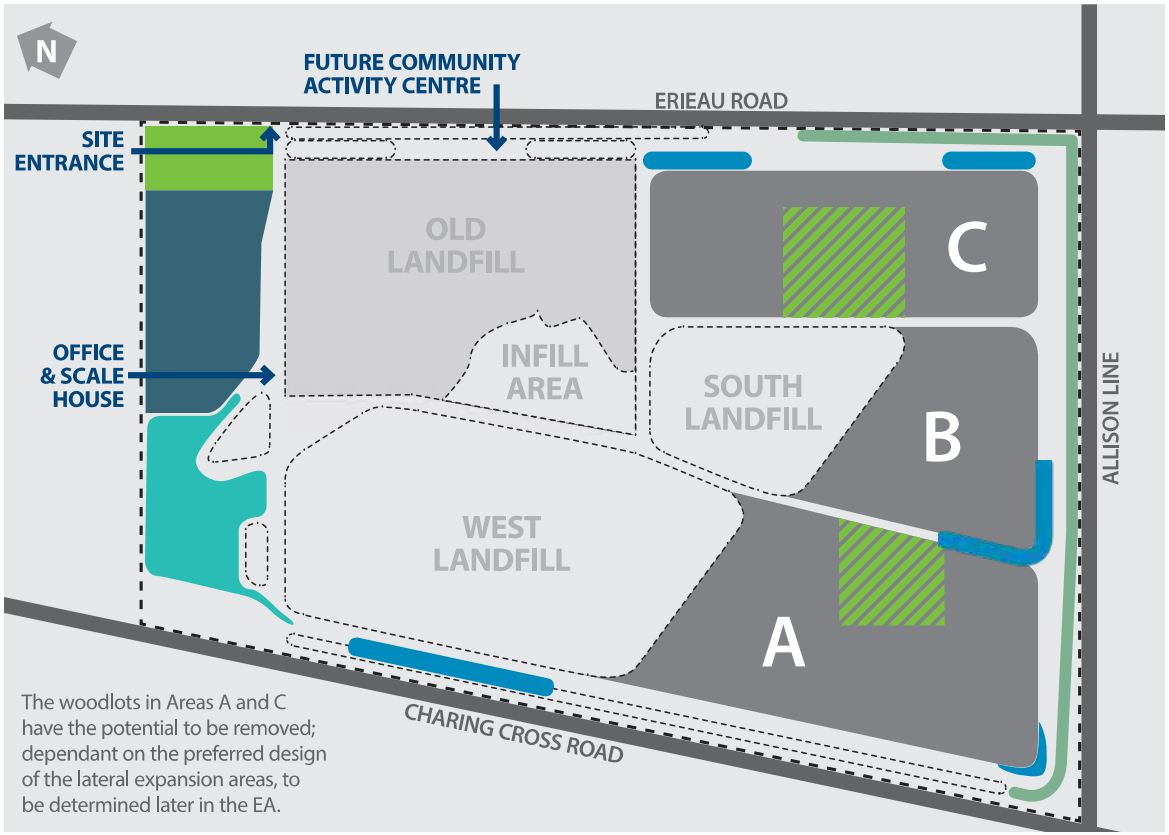


More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# The Proposed Expansion

Progressive Waste Solutions




- Potential Lateral Expansion Areas
- Potential Vertical Expansion/ Landfill Mining Area
- Existing Woodlot Area
- Potential Flood Control/ Woodlot Compensation Area
- Existing Flood Control Facility
- Proposed Stormwater Pond
- Proposed Berm
- Progressive Waste Property Line

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

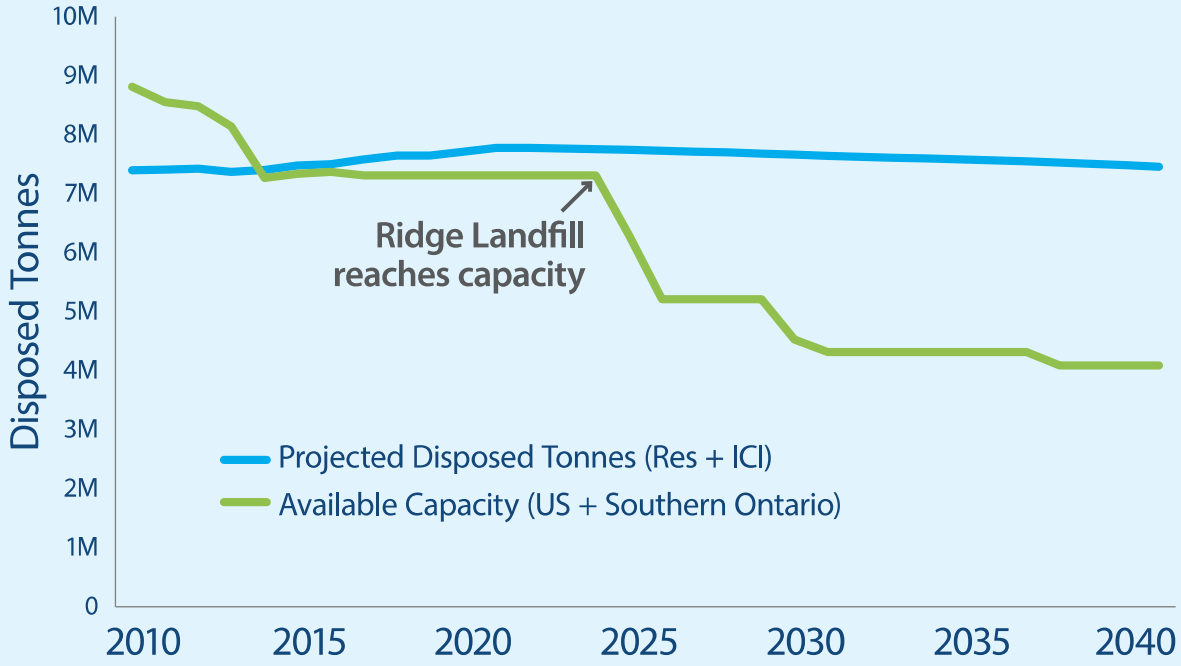
Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Need for More Capacity

Progressive Waste Solutions

Despite increased waste diversion, over seven million tonnes of residual waste is disposed of annually in Ontario and the U.S. With provincial population growth, this need is expected to continue.

With the expected closure of existing Ontario landfill sites over the next 10 years (which would include the Ridge Landfill reaching capacity in 2022), it is estimated that there will be a need for new or expanded waste disposal facilities in Southern Ontario.




Note: The graph illustrates projected tonnage assuming a moderate increase in waste diversion in both the residential (Res) and Industrial, Commercial and Institutional (ICI) sectors (e.g. residential diversion increase to 55% and ICI diversion increase to 35%).

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Why Is Progressive Waste Solutions Proposing to Expand the Ridge Landfill?

# Alternatives to Expansion

Progressive Waste Solutions

**Progressive Waste Solutions considered alternative ways to continue to provide waste disposal services:**

### Do nothing

Involves closing the Ridge Landfill. This alternative does not provide capacity to meet the long term waste disposal needs for Chatham-Kent and Southern Ontario.

### Close Ridge Landfill and construct a new landfill

Involves finding a new landfill site location. Past work demonstrates that there is no location for a landfill site in Southern Ontario that is equivalent to or better than the Ridge.

Progressive Waste Solutions does not own any other property suitable for landfill in Southern Ontario.

### Expand Ridge Landfill

Involves expanding the Ridge Landfill. This alternative provides capacity to meet the long term disposal needs but does not result in any additional diversion of materials from disposal.

### Expand the Ridge Landfill with waste diversion

Involves creating more long-term disposal capacity for local and Southern Ontario needs.

Additional waste diversion processing capacity could be added at the facility and/or elsewhere.

**Preferred Alternative**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Expand the Landfill with Waste Diversion

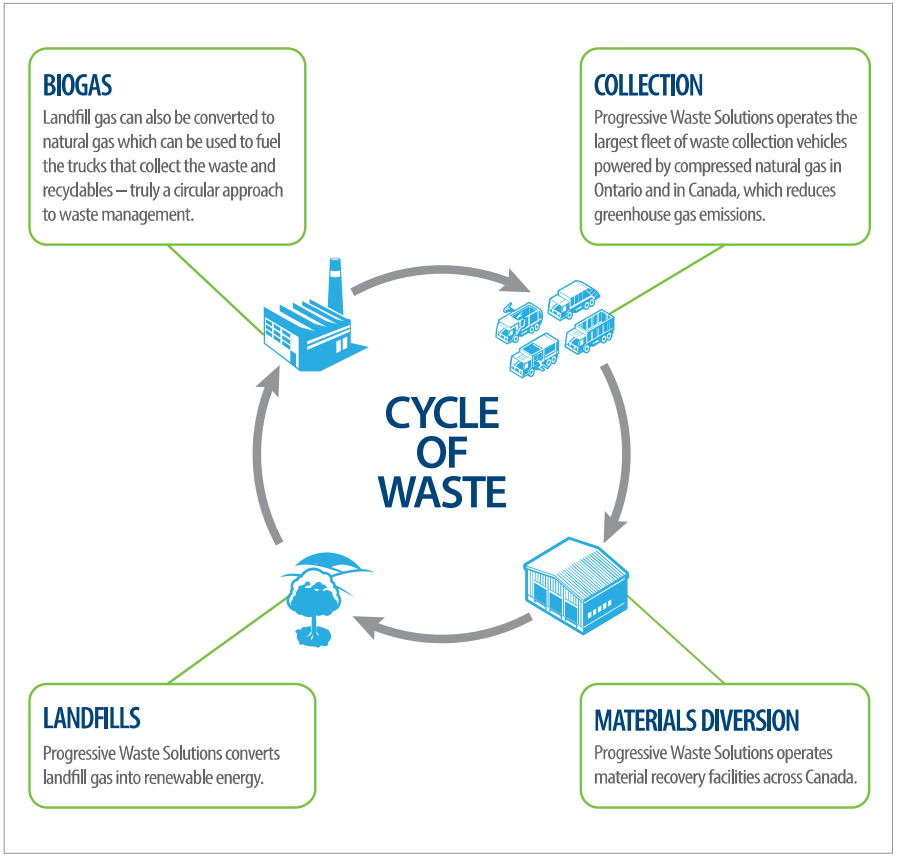
Progressive Waste Solutions

Progressive Waste Solutions will consider laterally expanding the current landfill and/or bring the height of the old landfill to same elevation as current landfill and/or mining the old landfill.

As part of the assessment, Progressive Waste Solutions will also consider the recovery of additional resources through enhanced diversion opportunities such as an expanded public drop-off area at the Ridge Landfill to divert additional recyclable materials (e.g. household hazardous, electronic wastes, etc.) and other recyclable materials that may be designated by the Province of Ontario.

Additional waste diversion opportunities will be identified by the Waste-Free Ontario Act and that are technically feasible and economically viable for Progressive Waste Solutions.

Should additional resource recovery occur at the Ridge Landfill there is the potential for additional traffic to the site and associated nuisance effects as well as potential nuisance effects from on-site processing activities (e.g. noise, dust, and odour).




More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# EA Milestones and Consultation Plan

Progressive Waste Solutions

## Notice of EA Commencement



## Confirmation of Alternative Methods



**PWS will develop the expansion alternatives, resource recovery alternatives, and confirm the evaluation criteria through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement
- Evaluation Criteria Workshop

## Evaluation of Alternative Methods



**PWS will evaluate the alternatives select the preferred site expansion and resource recovery alternative through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Assessment of Potential Effects & Development of Mitigation



**PWS will identify the preferred alternative and develop mitigation programs to eliminate or reduce negative effects through input from the following activities:**

- Neighbour & Stakeholder Meetings
- Open House
- Newsletter
- Website
- Ridge Landfill Liaison Committee meetings
- Agency Consultation
- Indigenous Community Engagement

## Notice of Draft EA Review



**A draft and final EA document will be prepared for public and agency review.**

## Submission of Final EA Submission



**MOECC will make a decision based on the final submitted EA.**

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

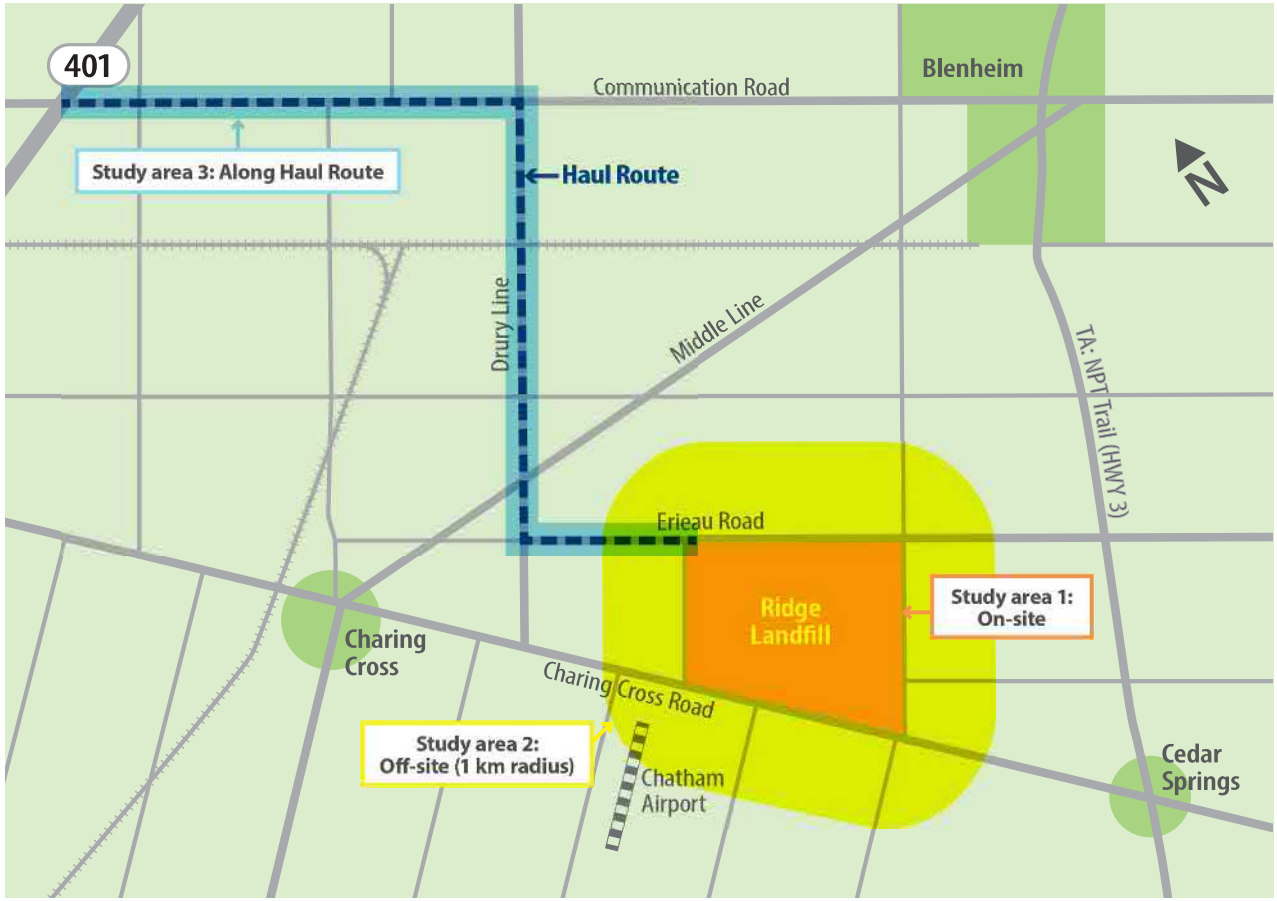
What will the EA Look At?

# Study Areas for the EA

Progressive Waste Solutions

PWS has identified three study areas to:

- confirm existing conditions
- create a common study area to evaluate site expansion alternatives, and
- identify and assess potential impacts of the preferred expansion alternative and establish mitigation to minimize effects.




Map of study areas

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

What will the EA Look At?

# Existing Site Conditions & Future EA Studies

Progressive Waste Solutions

**In the EA, PWS will finalize criteria, in consultation with the community, to determine the potential for impacts on the following:**



**Biology**
(e.g. fish, wildlife, woodlots and habitats)



**Geology/Hydrogeology**
(e.g. groundwater protection)



**Surface Water**
(e.g. on-site drains)



**Atmospheric**
(e.g. air, noise, dust and odour)



**Agriculture**
(e.g. disruption to local farm operations)



**Land Use**
(e.g. on other land uses)

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What will the EA Look At?

# Existing Site Conditions & Future EA Studies

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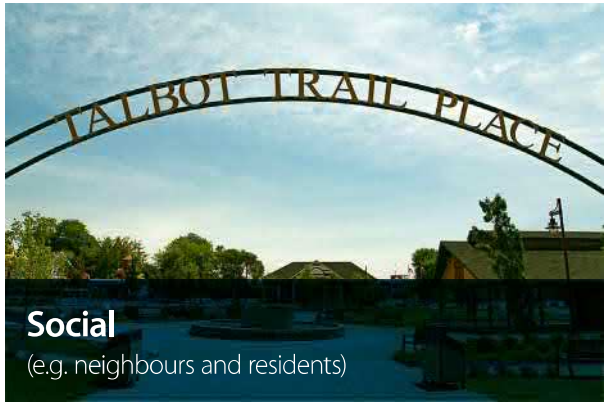
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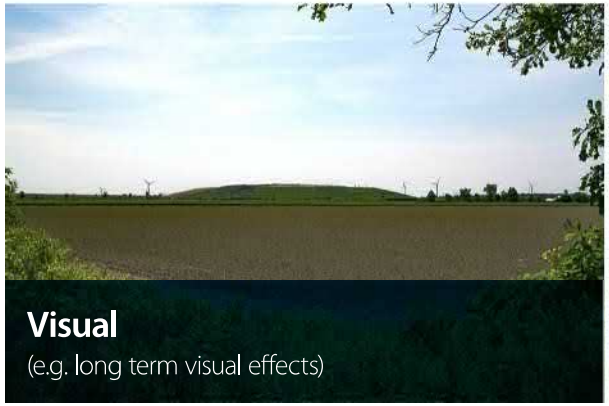
**Economic**
(e.g. the local economy)



**Archaeology/Cultural Heritage**
(e.g. local cultural heritage)




**Social**
(e.g. neighbours and residents)



**Visual**
(e.g. long term visual effects)



**Aviation and Bird Hazard**
(e.g. the use of the airport)



**Traffic**
(e.g. traffic flows)

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Environmental Assessment Process

Progressive Waste Solutions

## Spring–Fall 2016

### Terms of Reference

- Preparation and review of Terms of Reference
- ToR public open houses
- One-on-one and stakeholder meetings
- 30 day review of draft Terms of Reference (June 28–July 28, 2016)

We are here

### Terms of Reference Review

- Final review of Terms of Reference (TBA in Fall of 2016)
- Submission of ToR to the Ministry of Environment and Climate Change

## 2017–2018

### Environmental Assessment

- Start of EA process
- EA public open houses
- One-on-one and stakeholder meetings
- Submission of EA to the Ministry of Environment and Climate Change

## Summer 2018 onwards

### EA Decision & Other Approvals

- Approval of EA by Ministry of Environment and Climate Change
- Approvals by other provincial and federal agencies

More detailed information is contained in the draft Terms of Reference at www.ridgelandfill.com

Consultation and Next Steps

# Stay Involved

Progressive Waste Solutions

## During the Terms of Reference and continuing through the EA, consultation with the community will include:

### Public Open Houses & Workshops

To exchange information and hear community concerns and questions.



### Community Newsletters

To provide news and information about the site and proposed expansion project.




### Stakeholder Meetings

To provide opportunity for one-on-one meetings with Progressive Waste Solutions staff to discuss the proposed expansion project.



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# Ridge Landfill Expansion

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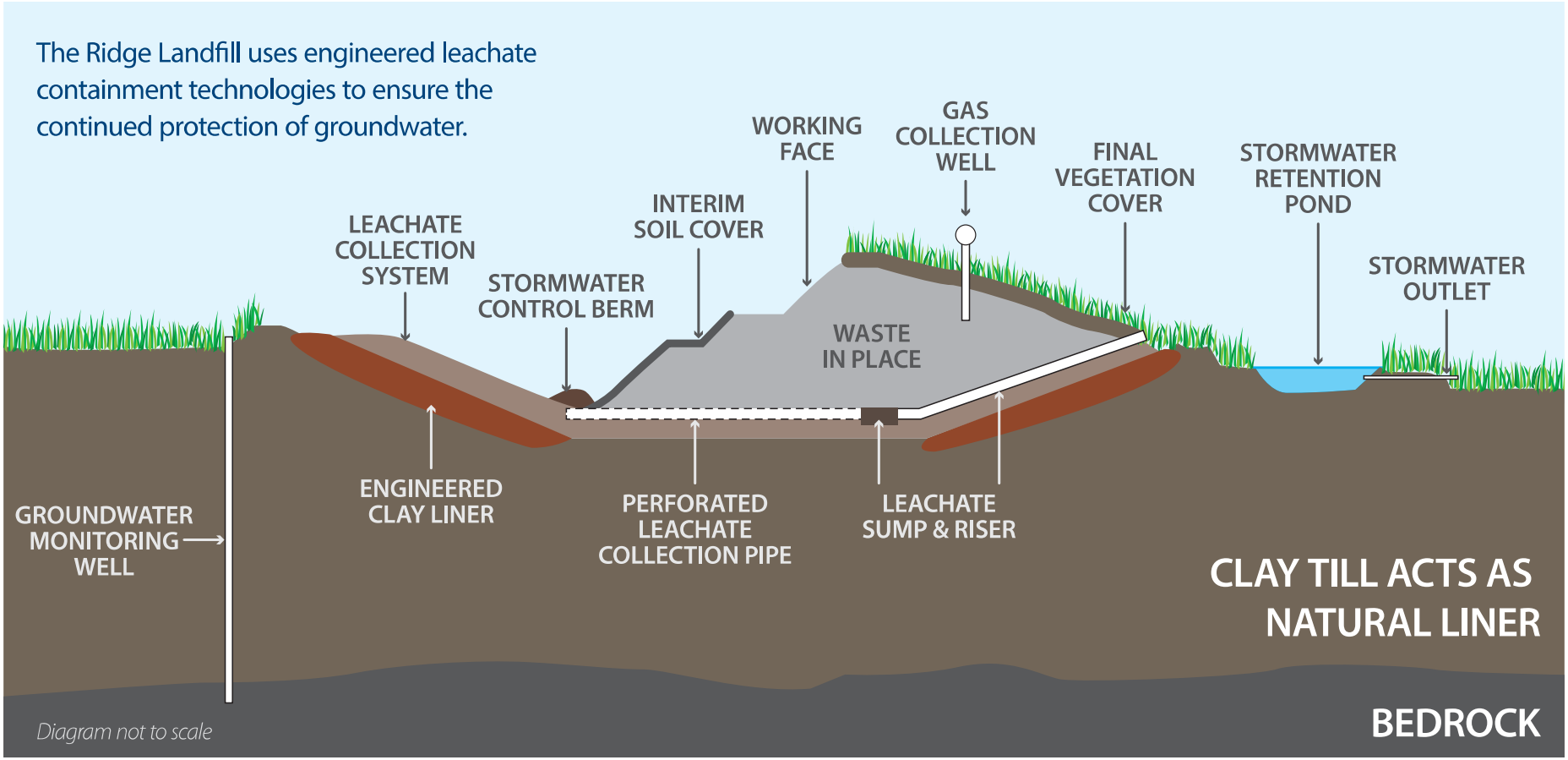
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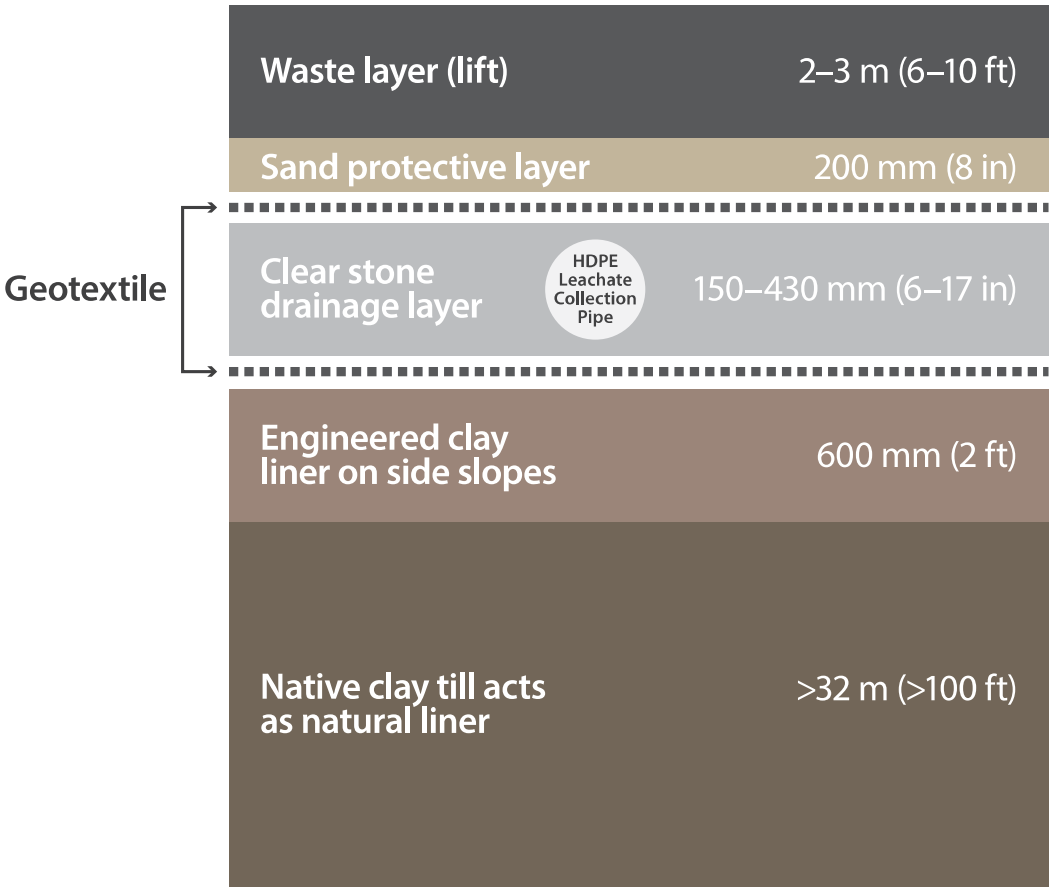



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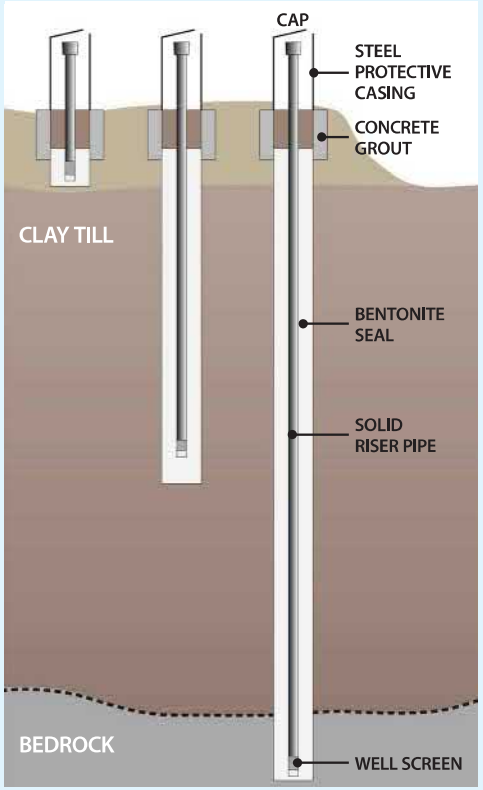
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# CHIPPEWAS OF THE THAMES FIRST NATION

July 26, 2016

Tim Kozlof
Ridge Landfill
Manager
20262 Erieau Road
Blenheim, ON N0P 1A0

**Subject:** **Proposed Ridge Landfill Expansion EA**

Dear Mr. Kozlof,

We are in receipt of correspondence of the aforementioned project.

In our screening of your correspondence we have identified no concerns with your project or the information that you have presented to us at this time.

We ask that there are any changes to your project that are of a substantive nature that you keep us informed. Otherwise, we do not need to receive regular project updates. If you have any questions regarding this letter, please contact me directly.

Sincerely,

Fallon Burch
Chippewa of the Thames
Consultation Coordinator
(519) 289-2662 Ext. 213

C: Cathy Smith, Project Manager, Progressive Waste Solutions Canada Inc.

320 Chippewa Road, Muncey, ON, N0L 1Y0
Ph. 519-289-5555 Fax. 519-289-2230
info@cottfn.com www.cottfn.com

**From:** Devin Nicol <DNicol@counselpa.com>
**Sent:** Thursday, June 16, 2016 11:39 AM
**Subject:** RE: Proposed Ridge Landfill Expansion - Notice of Public Open House
**Attachments:** Notice 2nd Open House_final.pdf

Good morning,

Please find attached a revised Notice of Public meeting pertaining to the proposed expansion of the Ridge Landfill.

Regards,

Devin Nicol
*Account Manager & Compliance Officer*
**Counsel Public Affairs Inc**.
95 St. Clair Avenue West, Suite 1606
Toronto, Ontario, M4V 1N6
Email: dnicol@counselpa.com
Direct: (416) 920-0716 ext 211
Fax : (416) 352-6069

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**From:** Devin Nicol
**Sent:** Thursday, June 16, 2016 9:45 AM
**Cc:** John Beaucage <JBeaucage@counselpa.com>; 'Cathy Smith' <cathy.smith@progressivewaste.com>
**Subject:** Proposed Ridge Landfill Expansion - Notice of Public Open House

Good morning,

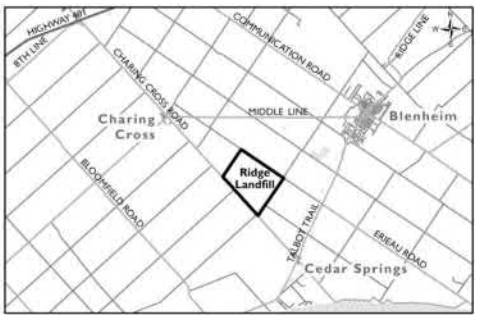
On behalf of John Beaucage and Progressive Waste Solutions Canada Inc., please find attached a notice of an upcoming public meeting regarding the proposed Ridge Landfill expansion.

Regards,

Devin Nicol
*Account Manager & Compliance Officer*
**Counsel Public Affairs Inc**.
95 St. Clair Avenue West, Suite 1606
Toronto, Ontario, M4V 1N6
Email: dnicol@counselpa.com
Direct: (416) 920-0716 ext 211
Fax : (416) 352-6069

# Notice of Public Open House & Draft Terms of Reference
# Proposed Ridge Landfill Expansion EA

Progressive Waste Solutions Canada Inc. (PWS) is undertaking a study under the *Environmental Assessment Act* (EAA) to expand the existing Ridge Landfill to provide long term residual waste disposal capacity.




PWS would like to thank everyone who attended our first Public Open House on May 3, 2016. It provided us an opportunity to introduce the proposed Ridge Landfill expansion environmental assessment project. Community input to date has helped us better understand your perspectives on the Ridge Landfill. A copy of the information presented at the first Open House can be found at:
http://www.ridgelandfill.com/news

We would like to take this opportunity to invite you to a second Open House for this project.

**You are Invited to a Public Open House!**

**Time & Date:** June 28, 2016 from 5:00pm - 8:00pm
**Location:** St. Mary's Hall, 94 George St., Blenheim, ON

The second Public Open House for the proposed Ridge Landfill expansion will provide more information on the technical work that is proposed for the EA. Come find out more about the studies that will be done, the alternatives that will be considered and how you can continue to stay involved throughout the EA.

**The Draft Terms of Reference**
As part of the EAA process, a draft Terms of Reference (ToR) has been prepared. This document sets the framework for addressing the EAA requirements, including the alternatives that will be considered, criteria proposed for the evaluation of alternatives, the technical work that will be undertaken, and the public consultation activities that will be carried out.

The draft ToR will be available for a 30 day public review beginning on June 28, 2016 and ending on July 28, 2016. You may review the draft ToR at the following locations:

| | |
|---|---|
| Ministry of the Environment and Climate Change, Environmental Assessment and Approvals Branch<br>135 St. Clair Avenue West, 1st Floor<br>Toronto, ON, M4V 1P5<br>Tel: 1-800-461-6290/ 416-314-8001<br>Monday to Friday: 8:30am – 5:00pm | Ministry of the Environment and Climate Change<br>Windsor Area Office<br>4510 Rhodes Dr., Unit 620<br>Windsor, ON, N8W 5K5<br>Tel: 519-948-1464<br>Monday to Friday: 8:30am – 4:30pm |
| Chatham Branch, Chatham-Kent Public Library<br>120 Queen Street,<br>Chatham, ON, N7M 2G6<br>Tel: 519-354-2940<br>Monday to Thursday: 9:30am - 8:30pm; Friday: 9:30am – 6:00pm;<br>Saturday: 9:30am – 5:00pm | Blenheim Branch, Chatham-Kent Public Library<br>16 George Street<br>Blenheim, ON, N0P 1A0<br>Tel: 519.676.3174<br>Tuesday and Thursday: 12:00pm-8:00pm, Wednesday and Friday: 10:00am – 3:00pm;<br>Saturday: 12:00pm- 4:00pm |
| Municipality of Chatham-Kent Civic Centre<br>315 King St W.<br>Chatham, ON, N7M 1E9<br>Tel: 519-360-1998<br>Monday to Friday: 8:30am – 5:00pm | Online at the Ridge Landfill Website:<br>www.ridgelandfill.com |

Written comments regarding the draft ToR must be received by July 28, 2016. All comments should be submitted to:

**Cathy Smith, Project Manager**
**Progressive Waste Solutions Canada Inc.**
T: 519-676-5000
Email: cathy.smith@progressivewaste.com

OR Through the **Ridge website** at www.ridgelandfill.com

All comments received by July 28, 2016 will be incorporated in the final ToR. For any information regarding the project, please feel free to visit our website at www.ridgelandfill.com

*Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.*

Notice published June 16, 2016.

Progressive Waste Solutions

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Dan Miskokomon
Walpole Island First Nation
Walpole Island Heritage Centre
R.R. #3 Wallaceburg, Ontario
N8A 4K9

Dear Chief Miskokomon:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. Two copies of the ToR are enclosed for your review along with a memo and Acknowledgement of Receipt form from the Ministry of Environment and Climate Change. The form requests your completion and return to the Environmental Approvals Branch.
The ToR has also been placed on our website, www.ridgelandfill.com, and is also available at any of the locations detailed in the included Notice of Submission.

Subject to approval of the ToR, PWS will be undertaking an EA which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. During the ToR review period, we would be pleased to meet with you to discuss any questions or concerns you may have. We will also continue to keep you advised and provide opportunity for discussion through the EA phase of the process and at your discretion.

If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Gregory Peters
Moravian of the Thames First Nation
14760 Schoolhouse Line, RR#3
Thamesville, Ontario N0P 2KO

Dear Chief Peters:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,

John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Sheri Doxtator
Oneida of the Thames
2212 Elm Avenue,
Southwold, Ontario N0L 2G0

Dear Chief Doxtator:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Roger Thomas
Munsee Deleware Nation
R.R. # 1
Muncey, Ontario, N0L 1Y0

Dear Chief Thomas:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Mr. Aly N. Alibhai
Director, Lands, Resources and Consultations
Metis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, Ontario
M5A 2P9

Dear Mr. Alibhai:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Tom Bressette
Kettle and Stony Point First Nation
6247 Indian Lane,
Ontario, N0N 1J1

Dear Chief Bressette:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

The ToR will be available for review beginning on November 18, 2016 and ending on December 18, 2016. Two copies of the ToR are enclosed for your review along with a memo and Acknowledgement of Receipt form from the Ministry of Environment and Climate Change. The form requests your completion and return to the Environmental Approvals Branch.
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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Leslee White-Eye
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario
N0L 1Y0

Dear Chief White-Eye:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Regional Chief Isadore Day
Chiefs of Ontario
111 Peter Street, Suite 804
Toronto, Ontario, M5V 2H1

Dear Regional Chief Day:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,

John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Christopher Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario, N7T 7H5

Dear Chief Plain:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

November 11, 2016

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington, Ontario
N8H 3W3

Dear Chief Hillier:

**Re: Ridge Landfill Expansion, Blenheim, Ontario**

I want to personally advise you that Progressive Waste Solutions (PWS) has submitted its Terms of Reference (ToR) to the Ministry of Environment and Climate Change for their approval to proceed with an Environmental Assessment (EA) of our proposed expansion of the Ridge Landfill.

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If you have any immediate questions or comments, please do not hesitate to reach out to me.

Sincerely,

Respectfully,



John Beaucage
Principal, Counsel Public Affairs Inc.
1606-95 St. Clair Avenue West
Toronto, Ontario M4V 1N6

Allan, Catherine <callan@dillon.ca>

# Fwd: Ridge Landfill Expansion - Response to Comments Received on Final Terms of Reference

1 message

---------- Forwarded message ----------
From: **Cathy Smith** <cathy.smith@progressivewaste.com>
Date: 6 February 2017 at 17:01
Subject: Re: Ridge Landfill Expansion - Response to Comments Received on Final Terms of Reference
To: "Shirali, Nisha (MOECC)" <Nisha.Shirali@ontario.ca>
Cc: "Batista, Cindy (MOECC)" <Cindy.Batista@ontario.ca>, "kkolli@dillon.ca" <kkolli@dillon.ca>, "mbellamy@dillon.ca" <mbellamy@dillon.ca>

Thanks Nisha, this sounds good, Cathy

Sent from my iPhone

On Feb 6, 2017, at 3:36 PM, Shirali, Nisha (MOECC) <Nisha.Shirali@ontario.ca> wrote:

Hi Cathy,

To clarify, section 3.4 of the Code of Practice states "where an Aboriginal community participates in the terms of reference process they should . . . .identify any Aboriginal claims or interests potentially affected by the proposal during the development of the terms of reference." Proponents may include background information on each community, including the treaty that falls within the Project study area in the ToR. However, in speaking to the ministry's Aboriginal Consultation Advisors today, ministry staff strongly recommend that the current text "After a thorough review, it has been determined that the Project falls within the McKee Treaty (1790) and all claims by area First Nations have either been dealt with or have been surrendered at the time of treaty signing. The existence of a Métis claim of rights in southwestern Ontario has not met with any success in the courts." be removed. The concern is not with identifying that the project falls within the McKee Treaty, but that the language regarding claims being dealt with or being surrendered is incorrect.

Based on our conversation with the ministry's Aboriginal Consultation Advisors, we also suggest that the proposed new sentence by PWS "Notwithstanding this, the Indigenous Communities identified do have Traditional Territory rights and can assert the rights to hunt, fish and trap, to harvest plants for food and medicine, to protect and honour burial sites and other sacred and culturally significant sites, to sustain and strengthen its spiritual and cultural connection to the land, to protect the Environment that supports its survival, to govern itself, and to participate in all governance and operational decisions about how the land and resources will be managed, used and protected." not be added to the amended ToR.

Finally, ministry staff suggest that following the list of communities to be consulted in Section 6.1.1 of the ToR, the following statement be added: "PWS commits to continuing to engage and consult with the communities listed above, during the development of the EA. For a record of all correspondence, meetings, and engagement with Indigenous communities during the ToR development, see the attached Record of Consultation."

In response to WIFN's letter dated February 6, 2017, the ministry recommends that PWS inform them that the text will be removed to address their concern and inform them of the new text that will be added in an amended ToR to the ministry.

Please let us know if you have any questions. Thanks,

Nisha and Cindy

**From:** Cathy Smith [cathy.smith@progressivewaste.com]
**Sent:** Friday, February 03, 2017 9:53 AM
**To:** Batista, Cindy (MOECC)
**Cc:** Kolli, Karla; 'Bellamy, Megan'
**Subject:** FW: Ridge Landfill Expansion - Response to Comments Received on Final Terms of Reference

Hi Cindy, we have reviewed these comments and given that they are more broad in nature with respect to process/provision of information etc that we could 'wrap it up' for the ToR with a letter in response as opposed to another set of responses in the table. We would indicate in the letter that we are submitting the final ToR but we want to meet to discuss their requests for more detailed information (and are happy to provide it) that doesn't fit within the scope of the ToR e.g. the species at risk list etc. Does this approach work for you?

Also WIFN has strong concerns/adamantly disagrees with the statement regarding treaty rights and want that acknowledged in the ToR:

***After a thorough review, it has been determined that the Project falls within the McKee Treaty (1790) and all claims by area First Nations have either been dealt with or have been surrendered at the time of treaty signing. The existence of a Métis claim of rights in southwestern Ontario has not met with any success in the courts..***

What if I propose to them that we add a second sentence to soften it/acknowledge territorial rights:

***Notwithstanding this, the Indigenous Communities identified do have Traditional Territory rights and can assert the rights to hunt, fish and trap, to harvest plants for food and medicine, to protect and honour burial sites and other sacred and culturally significant sites, to sustain and strengthen its spiritual and cultural connection to the land, to protect the Environment that supports its survival, to govern itself, and to participate in all governance and operational decisions about how the land and resources will be managed, used and protected.***

This is verbatim from WIFN. We can't abandon the first sentence per the requirements of the CoP so this would be in the hopes that if we soften it we don't have to make a note in the ToR that they adamantly disagree with the first statement. Please share your thoughts on this too.

Thanks,

Cathy

**Cathy Smith HBA , MA, ENV SP**

**Project Manager - Ridge Landfill Expansion**

T: 519 676 5000 | F: 519 745 4934 | C: 519 358 2860

**Progressive Waste Solutions** | 20262 Erieau Road |
Blenheim, Ontario, N0P 1A0 **www.progressivewaste.com**

PWS_Logo_pms_pos_Letterhead

**From:** Jared Macbeth [mailto:jared.macbeth@wifn.org]
**Sent:** Thursday, February 02, 2017 9:23 AM
**To:** Devin Nicol; Cathy Smith
**Cc:** Cindy.Batista@ontario.ca; Kent.Hunter@rjburnside.com; nisha.shirali@ontario.ca; Dean Jacobs; John Beaucage
**Subject:** RE: Ridge Landfill Expansion - Response to Comments Received on Final Terms of Reference

Hi Cathy,

Please find attached WIFN's further comments on the ToR. Please let me know if you have any questions or would like to set up a meeting to discuss.

Thanks,

Jared

**Jared Macbeth**

Project Review Coordinator

External Projects Program

Walpole Island First Nation

2185 River Road North R. R. 3

Wallaceburg, ON N8A 4K9

(519) 627-1475 x 108

jared.macbeth@wifn.org

---

**From:** Devin Nicol [mailto:DNicol@counselpa.com]
**Sent:** January 11, 2017 4:53 PM
**To:** Jared Macbeth <jared.macbeth@wifn.org>
**Cc:** Cathy Smith <cathy.smith@progressivewaste.com>; Cindy.Batista@ontario.ca; Kent.Hunter@rjburnside.com; nisha.shirali@ontario.ca; Dean Jacobs <Dean.Jacobs@wifn.org>; John Beaucage <JBeaucage@counselpa.com>
**Subject:** Ridge Landfill Expansion - Response to Comments Received on Final Terms of Reference

Dear Jared,

On behalf of John Beaucage and Progressive Waste Solutions (PWS) please find the attached letter and completed comment and response tables for your review and consideration. PWS is working closely with the MOECC for timely completion of all submissions required for recommendation for approval by the Minister.

We look forward to your comments and would be pleased to meet with you and discuss any further comments/questions you may have. If you have any questions otherwise please call John Beaucage at 705-746-0638 or at jbeaucage@counselpa.com or PWS' Project Manager Cathy Smith at 519-358-2860 or at cathy.smith@progressivewaste.com.

Regards,

Devin Nicol

<image001.png>

Devin Nicol

*Account Manager & Compliance Officer*

**Counsel Public Affairs Inc**.
95 St. Clair Avenue West, Suite 1606
Toronto, Ontario, M4V 1N6

Email: dnicol@counselpa.com
Direct: (416) 920-0716 ext 211
Fax : (416) 352-6069




**image001.png**
13K

Allan, Catherine <callan@dillon.ca>

# Fwd: RE: WIFN February 8 Response Letter to Additional Comments Received

1 message

**From:** Jared Macbeth <jared.macbeth@wifn.org>
**Date:** February 28, 2017 at 2:49:21 PM EST
**To:** Cathy Smith <cathy.smith@progressivewaste.com>
**Cc:** "Kent.Hunter@rjburnside.com" <Kent.Hunter@rjburnside.com>, Dean Jacobs <Dean.Jacobs@wifn.org>, John Beaucage <JBeaucage@counselpa.com>
**Subject: RE: WIFN February 8 Response Letter to Additional Comments Received**

Thanks Cathy. Just so that I understand then, Dillon is going to talk to the MNRF and state that WIFN would like to review the list and see if the MNRF has any objections, and if not, the list will be forwarded to WIFN (we assume the list is now complete or at least started as you are developing workplans). Is this correct? Can we get a timeline on when they are going to talk to them, and if the response is not in favourable, perhaps we could get the name of the person at the MNRF so that we can talk directly to them and understand the issue a bit better?

- Jared

---

**From:** Cathy Smith [mailto:cathy.smith@progressivewaste.com]
**Sent:** February 27, 2017 11:56 AM
**To:** Jared Macbeth <jared.macbeth@wifn.org>
**Cc:** Kent.Hunter@rjburnside.com; Dean Jacobs <Dean.Jacobs@wifn.org>; John Beaucage <JBeaucage@counselpa.com>
**Subject:** RE: WIFN February 8 Response Letter to Additional Comments Received

Hi Jared, that is correct. It is Dillon's/our understanding that MNRF might have a preference about how and in what form the information is shared (e.g., PDF document vs. GIS files). Dillon is not aware of MNRF denying a proponent the right to share information they have collected. They would just strongly prefer that it's not entirely public (on a project website, for example). The MNRF generally requests that sensitive SAR data are not mapped. This is to protect the species/features themselves.

Please advise if this response is satisfactory, thanks,

Cathy

**Cathy Smith HBA , MA, ENV SP**

**Project Manager - Ridge Landfill Expansion**

T: 519 676 5000 | F: 519 745 4934 | C: 519 358 2860

**Progressive Waste Solutions** | 20262 Erieau Road |
Blenheim, Ontario, N0P 1A0 **www.progressivewaste.com**

**From:** Jared Macbeth [mailto:jared.macbeth@wifn.org]
**Sent:** Friday, February 24, 2017 3:15 PM
**To:** Cathy Smith
**Cc:** Kent.Hunter@rjburnside.com; Dean Jacobs; John Beaucage
**Subject:** RE: WIFN February 8 Response Letter to Additional Comments Received

Hi Cathy,

We have read through the comments, and we believe the only outstanding item is the Species at Risk. Can you please elaborate on your statement "PWS will work with WIFN to liaise with MNRF regarding the provision of this information."? Does this mean if the MNRF says the information can be released, the information will be released?

Thanks,

Jared

---

**From:** Cathy Smith [mailto:cathy.smith@progressivewaste.com]
**Sent:** February 23, 2017 10:58 AM
**To:** Jared Macbeth <jared.macbeth@wifn.org>
**Cc:** Kent.Hunter@rjburnside.com; Dean Jacobs <Dean.Jacobs@wifn.org>; John Beaucage <JBeaucage@counselpa.com>
**Subject:** RE: WIFN February 8 Response Letter to Additional Comments Received

Hi Jared, can you please advise if WIFN is satisfied at this stage with our responses? Ministry staff are in the process of packaging up our ToR submission to the Minister's office and have asked me to reach out to you in this regard. Please let me know at your earliest convenience, we are anxious to keep the process moving. Thanks in advance! Cathy

**Cathy Smith HBA , MA, ENV SP**

**Project Manager - Ridge Landfill Expansion**

T: 519 676 5000 | F: 519 745 4934 | C: 519 358 2860

**Progressive Waste Solutions** | 20262 Erieau Road |
Blenheim, Ontario, N0P 1A0 **www.progressivewaste.com**

PWS_Logo_pms_pos_Letterhead

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**From:** Devin Nicol [mailto:DNicol@counselpa.com]
**Sent:** Thursday, February 09, 2017 4:12 PM
**To:** jared.macbeth@wifn.org
**Cc:** Cathy Smith; Cindy.Batista@ontario.ca; Kent.Hunter@rjburnside.com; nisha.shirali@ontario.ca; dean.jacobs@wifn.org; John Beaucage
**Subject:** WIFN February 8 Response Letter to Additional Comments Received

Hi Jared,

Please find the attached letter in response to your comments received February 2, 2017 on the Ridge Landfill Terms of Reference. If you have any questions please don't hesitate to call John Beaucage at 705- 746-0638 or Cathy Smith at PWS at 519-358-2860.

Regards,

Devin Nicol

logo - small

Devin Nicol

*Account Manager & Compliance Officer*

**Counsel Public Affairs Inc**.
95 St. Clair Avenue West, Suite 1606
Toronto, Ontario, M4V 1N6
Email: dnicol@counselpa.com
Direct: (416) 920-0716 ext 211
Fax : (416) 352-6069

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

Chief Joanne Rogers
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, ON
N7T 7H5

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief Rogers,

I want to advise you of two developments with respect to the Ridge Landfill: some revisions to the Terms of Reference for the Environmental Assessment on the proposed expansion of the Ridge Landfill and the change in the company's corporate ownership from Progressive Waste Solutions to Waste Connections of Canada.

Waste Connections is voluntarily withdrawing its proposed Terms of Reference to work with the government on enhancing it so it better reflects the government's new *Waste Free Ontario Act*, which was passed after the Terms of Reference were submitted. The revised Terms of Reference will provide more information on the scope of work to be conducted in the Environmental Assessment on waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill.

Waste Connections will be hosting another open house for residents and other interested parties to have an opportunity to provide input on the proposed revisions. The open house is planned to occur this fall and details will follow.

Also, because of the merger of Progressive Waste Solutions (PWS) with Waste Connections Inc. in June 2016, PWS has changed its name to Waste Connections of Canada. As they unite under the Waste Connections banner they will remain the same dependable partner committed to being a good neighbor and a responsible corporate citizen.

If you have any questions or comments, please call me at 705-746-0638 or via email at JBeaucage@counselpa.com, and please copy Cathy Smith at cathy.smith@wasteconnections.com.

Sincerely,



John Beaucage, Principal

cc: Courtney Jackson, Environment and Outreach Worker, Aamjwnaang First Nation
cc: Sharilyn Johnston, Environment Coordinator, Aamjiwnaang First Nation
cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington, ON
N8H 3W3

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief Hillier,

I want to advise you of two developments with respect to the Ridge Landfill: some revisions to the Terms of Reference for the Environmental Assessment on the proposed expansion of the Ridge Landfill and the change in the company's corporate ownership from Progressive Waste Solutions to Waste Connections of Canada.

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Sincerely,

John Beaucage, Principal

cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

Chief A. Myeengun Henry
Chippewas of the Thames First Nation
320 Chippewa Road
R.R. #1
Muncey, ON
N0L 1Y0

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief A. Myeengun Henry,

I want to advise you of two developments with respect to the Ridge Landfill: some revisions to the Terms of Reference for the Environmental Assessment on the proposed expansion of the Ridge Landfill and the change in the company's corporate ownership from Progressive Waste Solutions to Waste Connections of Canada.

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Sincerely,



John Beaucage, Principal

cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

Chief Roger Thomas
Munsee Deleware Nation
R.R. # 1
Muncey, Ontario
N0L 1Y0

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief Thomas,

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Sincerely,

John Beaucage, Principal

cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

COUNSEL
PUBLIC AFFAIRS | PUBLIC RELATIONS

Chief Sheri Doxtator
Oneida Nation of the Thames
2212 Elm Avenue
Soutwold, Ontario
NOL 2GO

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief Doxtator,

I want to advise you of two developments with respect to the Ridge Landfill: some revisions to the Terms of Reference for the Environmental Assessment on the proposed expansion of the Ridge Landfill and the change in the company's corporate ownership from Progressive Waste Solutions to Waste Connections of Canada.

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Sincerely,

John Beaucage, Principal

cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

Chief Dan Miskokomon
Walpole Island First Nation
117 Tahgahoning Road, R.R. #3
Wallaceburg, ON
N8A 4K9

Sent by email:

**RE: Revisions to the Ridge Landfill Terms of Reference & Change in Corporate Ownership**

Dear Chief Miskokomon,

I want to advise you of two developments with respect to the Ridge Landfill: some revisions to the Terms of Reference for the Environmental Assessment on the proposed expansion of the Ridge Landfill and the change in the company's corporate ownership from Progressive Waste Solutions to Waste Connections of Canada.

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Sincerely,



John Beaucage, Principal

cc: Kent Hunter, Senior Project Engineer – Waste Management, Neegan Burnside Ltd.
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Progressive Waste Solutions

Allan, Catherine <callan@dillon.ca>

# Fwd: FW: Ridge Landfill: Biological field studies for the 2017 field season

1 message

From: **Cathy Smith** <cathy.smith@progressivewaste.com>
Date: Wed, Nov 29, 2017 at 2:48 PM
Subject: FW: Ridge Landfill: Biological field studies for the 2017 field season
To: "Kolli, Karla" <kkolli@dillon.ca>, Megan Bellamy <mbellamy@dillon.ca>

**From:** Bourassa, Daniel [mailto:dbourassa@dillon.ca]
**Sent:** Friday, April 07, 2017 11:28 AM
**To:** jared.macbeth@wifn.org
**Cc:** dean.jacobs@wifn.org; jbeaucage@counselpa.com; Cathy Smith; Betsy Varghese; Megan Bellamy; 152456
**Subject:** Ridge Landfill: Biological field studies for the 2017 field season

Hello Jared,

As part of pre-EA work for the Ridge Landfill Expansion, we wanted to provide an update on upcoming field studies for biology. Based on our last correspondence, we understand that WIFN may have interest in participating in some of the studies.

Below is a list of the biology surveys which will be completed during the 2017 season. The survey dates below may change as a result of weather.

- Amphibian Breeding Surveys [3 surveys required]: First survey to take place early in the week of April 17. Second survey will generally take place 15 days following the first survey, and the third survey will generally take place 15 days following the second survey.
- Breeding Bird Surveys [2 surveys required]: Surveys are to occur between late May and early-July. We anticipate completing the first survey during the week of May 29 or June 5 with the second survey taking place during the week of June 26 or July 3.
- Botanical Inventory [2 surveys]: We anticipate that the first botanical survey will take place on the same day as the second or third Amphibian Breeding Survey, with the second botanical survey taking place during the week of August 28 or September 4.

Should you have any questions

or would like additional information

, please do not hesitate to contact me.

Regards,

**Daniel Bourassa**
*Associate*
**Dillon Consulting Limited**
1155 North Service Road West Unit 14
Oakville, Ontario, L6M 3E3
T - 905.901.2912 ext. 3417
F - 905.901.2918
M - 289.981.9136
DBourassa@dillon.ca
www.dillon.ca

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Fwd: FW: Ridge Stage 1 Archeological Report

1 message

---------- Forwarded message ----------
From: **Cathy Smith** <cathy.smith@progressivewaste.com>
Date: Wed, Nov 29, 2017 at 2:52 PM
Subject: FW: Ridge Stage 1 Archeological Report
To: Megan Bellamy <mbellamy@dillon.ca>, "Kolli, Karla" <kkolli@dillon.ca>

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**From:** Cathy Smith
**Sent:** Wednesday, May 10, 2017 10:49 AM
**To:** 'Janet.Macbeth@wifn.org'
**Cc:** JBeaucage@counselpa.com; 'Kent.Hunter@rjburnside.com'; 'Dean Jacobs'; Megan Bellamy; 'Kolli, Karla'
**Subject:** Ridge Stage 1 Archeological Report

Hi Janet, it was a pleasure speaking with you last week. As discussed, please find the attached Stage 1 Archeological Report completed as part of our pre-EA gathering if existing site conditions information. Also as discussed we won't advise any further with respect to the timing of the biological field surveys and thank you for advising that WIFN will not be adding to our survey list for species identification. With respect to a meeting with Dean et al re: EA schedule and budget for peer review I think now in hindsight it's best to wait for our ToR approval. This will give us a better understanding of remaining schedule for the 2017 fiscal year. Regards, Cathy


Cathy Smith HBA, MA, ENV SP
Project Manager – Ridge Landfill Expansion

T: 519 676 5000 | F: 519 676 4967 | C: 519 358 2860
Waste Connections of Canada | 20262 Ericau Road | Blenheim, ON, N0P 1A0
www.WasteConnectionsCanada.com


WASTE CONNECTIONS OF CANADA

**2 attachments**

**16EA-143 Stage 1 Report.pdf**
3556K

**Stage 1 Arch letter to WIFN.pdf**
33K

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Joanne Rogers,
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario, N7T 7H5

Dear Chief Rogers,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

Waste Connections is planning for the Terms of Reference to be submitted by January 5th, 2018 to the MOECC. It will reflect changes to the service area for the Ridge Landfill including a reduction of the industrial, commercial and institutional (IC&I) waste service area from all of Ontario to a service area of southern and central Ontario; and a residential waste service area of Chatham-Kent only. The Terms of Reference will also provide more information on the scope of work to be conducted in the EA with respect to waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill. These include more robust work plans with respect to air quality assessments, contaminating life span, cumulative effects assessment and commitments to consider alternatives for leachate treatment and gas utilization.

You will receive a hard copy of the Terms of Reference via courier. The thirty (30) comment period officially commences on January 5th, 2018 until February 4th, 2018. The Terms of Reference can also be viewed on the Waste Connections website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the Terms of Reference by MOECC, Waste Connections will be undertaking an Environmental Assessment (EA), which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. If approved, there will be a number of opportunities to keep you advised and for you to provide feedback during the EA process.

If you have any questions or comments, or would like to meet to discuss please call me at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Councillor Janne Peters
Caldwell First Nation
14 Orange Street
Leamington, ON. N8H 1P5

Dear Councillor Peters,

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chiefs of Ontario
Margaret Carpenter
468 Queen St E, Suite 400
Toronto, ON
M5A 1T7

Dear Ms. Carpenter,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Myeengun Henry
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario
N0L 1Y0

Dear Chief Henry,

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Tom Bressette
Kettle and Stony Point First Nation
6247 Indian Lane,
Ontario, N0N 1J1

Dear Chief Bressette,

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Mr. Aly N. Alibhai
Metis Nation of Ontario
75 Sherbourne Street, Suite 311
Toronto, Ontario
M5A 2P9

Dear Mr. Alibhai,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Gregory Peters
Moravian of the Thames First Nation
14760 Schoolhouse Line, RR#3
Thamesville, Ontario N0P 2KO

Dear Chief Peters,

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Roger Thomas
Munsee Delaware Nation
R.R. # 1
Muncey, Ontario, N0L 1Y0

Dear Chief Thomas,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

Waste Connections is planning for the Terms of Reference to be submitted by January 5th, 2018 to the MOECC. It will reflect changes to the service area for the Ridge Landfill including a reduction of the industrial, commercial and institutional (IC&I) waste service area from all of Ontario to a service area of southern and central Ontario; and a residential waste service area of Chatham-Kent only. The Terms of Reference will also provide more information on the scope of work to be conducted in the EA with respect to waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill. These include more robust work plans with respect to air quality assessments, contaminating life span, cumulative effects assessment and commitments to consider alternatives for leachate treatment and gas utilization.

You will receive a hard copy of the Terms of Reference via courier. The thirty (30) comment period officially commences on January 5th, 2018 until February 4th, 2018. The Terms of Reference can also be viewed on the Waste Connections website, www.ridgelandfill.com, or at any of the locations detailed on the included Notice of Submission.

Subject to approval of the Terms of Reference by MOECC, Waste Connections will be undertaking an Environmental Assessment (EA), which will look at different ways to develop the expanded facility, the potential for environmental effects and how those effects could be mitigated. If approved, there will be a number of opportunities to keep you advised and for you to provide feedback during the EA process.

If you have any questions or comments, or would like to meet to discuss please call me at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Randall Phillips
Oneida of the Thames
2210 Elm Avenue,
Southwold, Ontario N0L 2G0

Dear Chief Phillips,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

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Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

CONFIDENTIAL

COUNSEL

January 2, 2018

Chief Dan Miskokomon
Walpole Island First Nation
117 Tahgahoning Road, R.R. #3
Wallaceburg, ON
N8A 4K9

Dear Chief Miskokomon,

Waste Connections voluntarily withdrew its Terms of Reference for the Environmental Assessment (EA) on the proposed expansion of the Ridge Landfill in August, 2017. This was to enable them to work with the Ministry of Environment and Climate Change (MOECC) so that the Terms of Reference would reflect the government's *Strategy for a Waste Free Ontario* which was unveiled after Waste Connections submitted their first Terms of Reference.

Waste Connections is planning for the Terms of Reference to be submitted by January 5th, 2018 to the MOECC. It will reflect changes to the service area for the Ridge Landfill including a reduction of the industrial, commercial and institutional (IC&I) waste service area from all of Ontario to a service area of southern and central Ontario; and a residential waste service area of Chatham-Kent only. The Terms of Reference will also provide more information on the scope of work to be conducted in the EA with respect to waste diversion as well as other environmental work plans pertaining to the proposed expansion of the Ridge Landfill. These include more robust work plans with respect to air quality assessments, contaminating life span, cumulative effects assessment and commitments to consider alternatives for leachate treatment and gas utilization.

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If you have any questions or comments, or would like to meet to discuss please call me at 416-920-0716 ext. 239, by cell phone at 705-746-0638 or at jbeaucage@counselpa.com.

Respectfully,

John Beaucage, Principal

cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Waste Connections of Canada

Letter of Submission

# Appendix G

## *Agency Meeting Minutes*



WASTE CONNECTIONS OF CANADA

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **EA Terms of Reference MOECC Pre-Consultation Meeting for the Ridge Landfill** |
| **DATE/TIME:** | **December 16, 2015, 1:30 pm to 3:00 pm** |
| **LOCATION:** | Ministry of the Environment and Climate Change (MOECC) Office – 135 St. Clair Avenue West, 4th Floor |
| **PRESENT:** | Cathy Smith (PWS), Brian Forrestal (PWS), David Racz (MOECC, by phone), Cindy Batista (MOECC), Daniel Delaquis (MOECC), Gary Komar (Dillon Consulting), Karla Kolli (Dillon Consulting), Megan Bellamy (Dillon Consulting) |

*NOTE: These minutes have been prepared for file. A meeting summary was sent by email to MOECC*

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Introduction & Purpose of the Meeting

Brian introduced the team and provided an overview of the proposed project. The team wanted to present the proposed project to the MOECC today, including the pre-Environmental Assessment (EA) preparatory work to ensure that all parties are comfortable with the methodology for the EA Terms of Reference (ToR). It was noted that the project is confidential at this stage because Progressive Waste Solutions (PWS) is undergoing negotiations with a neighbouring landowner. A focused ToR will be developed for the project and is anticipated to be submitted to the MOECC in mid-2016. The management of stakeholder consultation is very important to PWS, so any feedback from the MOECC regarding approach is appreciated. Dillon, PWS' consultant, has a long history at the site and completed the 1997 EA to expand the landfill and the 2010 screening for a proposed fill rate modification.

The Ridge Landfill: Present and Future

- The Ridge Landfill began operation in 1966 and now receives 1.3 million tonnes of municipal solid waste (MSW) annually. The annual fill rate was changed approximately 3 years ago from approximately 900,000 tonnes to 1.3 million tonnes. The overall capacity of the site did not change, but the Environmental Compliance Approval (ECA) for the site was amended to increase the total tonnage per year.
- In 1999, the landfill was expanded to approximately 262 ha. The assumed life of the landfill at that time was 20 years. Currently, the landfill is expected to reach capacity around 2022, approximately 6 years from now.

- The landfill is licenced to receive Industrial, Commercial and Institutional (ICI) waste from all of Ontario and residential waste from the Municipality of Chatham-Kent (CK) and the surrounding four counties. The leachate from the facility is piped to the Blenheim wastewater treatment plant.
- The landfill has a Community Liaison Committee (CLC) that meets every quarter. The CLC is comprised of members of the public, members of Chatham-Kent council, the landfill manager, an independent consultant, and the MOECC Environmental Officer (David Racz).
- The landfill is monitored annually for groundwater, surface water and leachate quality. Dillon undertakes this monitoring for PWS.
- A total of 60 people in Chatham-Kent are employed by the PWS; 20 of these are landfill site employees; the remainder are collection employees
- PWS gives a percentage of the Ridge Landfill tipping fee to the Ridge Landfill Trust. The Trust allocates the money to local community improvement projects.
- CK does not have its own municipal landfill site and is supportive of this project.
- The landfill has a defined haul route between Highway 401 and the site. The people who live along the haul route are compensated, as well as site neighbours.
- The landfill is outside of the identified source water protection area.

<u>Pre-EA Work</u>

- Dillon and PWS have been working to complete pre-EA work over the past year. The purpose of the work was to inform the direction and scope of the ToR. The pre-EA work focused on a 20 year planning period (2022-2041) and included the completion of the following tasks:

  **Needs and opportunities assessment** – This work projected demand for waste disposal in southern Ontario across the planning period (2022-2041). It assumed a medium diversion scenario and that the amount of waste shipped to the USA remains the same (approx. 3 million tonnes per year). The needs assessment identified that disposal capacity in southern Ontario will drop off in 2023-2025 leaving insufficient capacity for the amount of waste requiring disposal.

  **Consideration of "Alternatives To"** – Four alternatives were developed including Do Nothing, close Ridge and open an new landfill, expand the existing landfill, and expand the existing landfill and add opportunities to accommodate resource recovery. The "Alternatives To" were identified with PWS' core business in mind. PWS is not in the business of energy-from-waste facilities, so the alternatives are focused on landfill and diversion.

  Using criteria modified from the MOECC *Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario* (2014), an assessment of the "alternatives to" identified an expansion of the existing landfill

including resource recovery as preferred:

- **Do Nothing** – the Ridge Landfill would reach capacity around 2022 and close. This would not address the need for continued landfill capacity.
- **Close the Ridge Landfill and open a new landfill** – the Ridge Landfill would reach capacity and close and PWS would open a new landfill in the area.
- **Expand the current landfill** – this option meets the screening criteria but only focuses on disposal and doesn't address other waste streams.
- **Expand the current landfill including Resource Recovery** – this alternative would set aside land to accommodate resource recovery alternatives that could be determined once the new Waste Free Ontario Act comes into force.

**Site Development Alternatives** - The work aimed to answer the question "How can we develop the site so it has additional capacity for the 20 year planning period?" It was determined that there is sufficient room on the site to accommodate an expansion. PWS is also proposing to expand the residential waste capture area to all of Ontario, but based on projected needs, most of the waste would be coming from southern Ontario.

<u>The Ridge Focused Terms of Reference</u>

- Based on the pre-EA work, PWS is planning on preparing a focused EA Terms of Reference for an expansion of the Ridge Landfill with Resource Recovery. The following points were raised at the meeting for consideration in the ToR:
  - Including Diversion in the Alternative Methods – PWS has considered the wasteshed of the area and it is most efficient to do waste diversion as close to the generator as possible. Currently, there is limited opportunity for PWS to do more diversion at Ridge, based on the site location and recent discussions with local municipalities. PWS is committed to set aside an area for resource recovery to accommodate future opportunities such as the implementation of the Organics Action Plan proposed in the Waste Free Ontario Strategy. The MOECC will be looking for an evaluation of diversion alternatives in the EA; they will provide PWS with some examples from other recent EAs. They also suggested that PWS consider applying incentives for CK diversion instead of discounting tipping fees.
  - Landfill Mining – PWS is considering mining the Old Landfill to recover recyclable materials and increase capacity.
  - Airport Zoning - The existing fill areas have an exemption from the Transport Canada Airport zoning by-law for the CK airport. This exemption would need to be extended to the proposed expansion south of the old rail line, which is further away from the airport flight paths.
  - On-site Woodlots –The proposed expansion alternatives could require the removal of two woodland areas. PWS proposes that these be regenerated in the

north part of the site. There is also a significant berm around the site that PWS would like to naturalize. Consultation with the Lower Thames Conservation Authority is planned. It was noted that the CA may require a greater planting ratio for compensation (3:1).

- Cumulative Effects - There is no other landfill within the site vicinity that would need to be considered in the evaluation of cumulative effects.
- Climate Change – PWS will consider climate change mitigation and adaptation, looking at the potential effect of climate change on the project as well as how the project might affect climate change (e.g. GHG emissions). MOECC noted that climate change guidelines for waste management facilities are expected in the spring of 2016 which will encourage proponents to consider more intense and frequent storm events.

Consultation Program

- The consultation program was designed to be consistent with the Code of Practice. The first steps in the program are this pre-consultation meeting with MOECC and one to take place with CK in the new year.
- The formal "launch" of consultation for the project will not start until negotiations with the neighbor are complete (anticipated early January). It was noted that the neighbour's property is not needed to go ahead with the project, but it is PWS' preference that this get finalized before the project is made public.
- Dillon had provided the MOECC with a list of Aboriginal communities for review and confirmation. The list provided has evolved over the history of the site from the late 1990's to present and includes: Caldwell First Nation, Chippewas of the Thames First Nation, Moravian of the Thames First Nation, Munsee-Delaware First Nation, Oneida Nation of the Thames, Walpole Island First Nation, La Nation Huronne-Wendat, Sainte-Marie among the Hurons and the Métis Nation of Ontario.
- It was noted that Walpole Island First Nation was involved in the 1999 and 2010 EAs. Their more recent key areas of interest related to on-site planting and employment opportunities.
- The project team is planning two consultation events for the ToR: the first to introduce the project, the pre-EA work and receive community feedback; the second event to obtain feedback on the draft ToR. PWS is also planning to implement a project-specific CLC.
- A contact list for the project has been developed and includes the Government Review Team (GRT).
- A project-specific website will also be live for the duration of the project.

Proposed Schedule

- The current schedule proposes a draft ToR in Spring with a 30 day review period and submission of the final ToR to the MOECC in July 2016. This schedule may shift

depending on when negotiations are completed with the neighbouring landowner.

Summary of Guidance from MOECC for inclusion in the ToR

- Evaluate alternative methods for diversion in the EA.
- Consider landfill mining as a possible alternative method (or component of).
- Provide an explanation of how the list of Aboriginal communities was developed.
- Describe in detail the need and rationale for the project.
- The evaluation of alternatives should demonstrate consideration of various factors (not just cost), including social, heritage, and natural environment criteria.
- Include detail in the ToR related to how stakeholders will be identified for consultation activities, and how and when they will be engaged in the project as it progresses. This may reduce the number of questions or comments from the MOECC during their review.
- Discuss how the ToR was modified based on feedback from stakeholders and include a full record of consultation activities and comments (not just a summary comment/response table).
- Provide work plans for each environmental component (i.e., air) – that define what studies will be completed, timing, testing, how the results will be reviewed, etc. This information should be summarized in the ToR but the work plans can be appended as supplementary documents.
- Discuss climate change – both how it may impact the project and how the project may impact climate change. The MOECC indicated that new climate change guidance would be issued in the spring of 2016.
- The MOECC indicated they would be willing to review draft sections of the ToR and give feedback before the entire document is submitted.

Action Items

| Action | Responsible Party |
|---|---|
| Provide examples of other waste ToRs where the alternative methods considered diversion. | MOECC |
| Confirm list of Aboriginal communities. | MOECC |
| Advise MOECC prior to Notice of Commencement for the project. | Dillon/PWS |
| Share new waste Regulations and guidance with project team as they are available. | MOECC |
| Provide updated Government Review Team (GRT) List | MOECC – Note that Dillon/PWS to notify MOECC prior to publishing Notice of Commencement to ensure GRT List is current. |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **Chatham-Kent Pre-Consultation Meeting for the Ridge Landfill** |
| **DATE/TIME:** | **March 30, 2016, 10:00 pm to 1:00 pm** |
| **LOCATION:** | Dillon Chatham Office – 10 Fifth Street South, Chatham, ON |
| **PRESENT:** | Cathy Smith (PWS), Wes Muir (PWS), George South (PWS), Tim Kozlof (PWS), John Ferguson (Ridge CLC), Tim Dick (CK), Rick Kucera (CK), Bruce McAllister (CK), Paul Lacina (CK), Gary Komar (Dillon Consulting), Megan Bellamy (Dillon Consulting) |

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Introduction & Purpose of the Meeting

- All attendees introduced themselves.
- Cathy provided an overview of the purpose of the meeting. PWS is proposing to expand the Ridge Landfill and has initiated the process of preparing the EA ToR. The expansion would be done as an individual EA with the intention of submitting the ToR to the MOECC for approval in mid-2016.
- A key outcome of the pre-EA work completed to date is an opportunity for additional capacity to take the site from its existing closure date of 2022 and extend the life of the landfill by 20 years to 2042. The annual capacity would remain the same at 1.3 million tonnes per year.
- The expansion areas shown on the map depict more area than is needed for a 20 year extension of the life of the landfill, but these areas will provide options when it comes to outlining expansion alternatives in the EA.

Ridge Landfill Expansion Project

- Expansion Area A would be an expansion of the West Landfill. PWS is currently completing filling this area. Expanding the West Landfill area would require a rerouting of the Howard Drain. This would also require removal of the southwest woodlot, which is designated as “conservation area” in the Chatham-Kent Official Plan.
- Expansion Area B would be an expansion of the south landfill which is yet to be filled.
- Expansion Area C would require the creation of a new fill area and would require removal of the SE woodlot. PWS recently purchased a new piece of property which would make Area C a viable option for consideration.

- A final consideration would be mining of the Old Landfill area to create additional capacity and install a similar leachate collection system there and/or raise the height of the Old Landfill since it is currently lower than it needs to be according to the Transport Canada airport zoning bylaw. The option to increase the height of the Old Landfill does not require a new leachate system.
- The EA will consider different combinations of these expansion areas to increase the life of the landfill.
- The proposed expansion areas show the need to remove the SE and SW woodlots. PWS is planning to allow for replacement of this area in the "woodland compensation" area marked on the mapping (this would expand the northern woodlot). Amphibian, bird, botanical, bat and ecological land classification studies have been completed on the SE and SW woodlots with further studies on species at risk bat habitat to be completed in spring of 2016 in consultation with the MRNF. The flood control facility shown at the northwest end of the site would be increased with the landfill expansion. There is a block of land in the NW corner that PWS owns that would allow for this flood control facility expansion. The leachate control system for the new A, B and C fill areas would be similar to the existing system at the West Landfill. PWS has a zoning exemption with Transport Canada that ends at the former rail bed. This exemption would need to be extended to accommodate the expansion. The expansion may also require realignment of the Howard Drain.
- Currently landfill gas is managed, collected and flared at a facility on site. PWS is looking at beneficial use of the gas with consideration of gas utilization – convert to pipe ready natural gas to connect to Union Gas system. We are considering placing that facility on a property on the east side of Erieau road. That property could be used for future waste processing facilities that may come from market opportunities. PWS would like to move ahead with the gas facility independently of the landfill expansion.
- During PWS' pre-consultation meeting with the MOECC, there was an emphasis on acknowledging the importance of climate change both from a mitigation perspective as well as considering what changing climate might mean from a water resource/stormwater perspective. This will be part of PWS' considerations in the EA.
- One pre-EA study that was completed was the need/opportunity for disposal. The study area was defined as GTA-west and considered population, economic growth and waste generation, diversion and disposal needs. Low, medium and high diversion scenarios for residential and ICI wastes were considered in the assessment as well as the current disposal capacity for landfills within southern Ontario. The assessment assumed that the current export of waste to the USA would continue at its present rate (3M tonnes annually). This work will be included in the ToR and upcoming public consultation event.
- We also looked at "alternatives to" the landfill expansion, i.e. alternative ways of obtaining new disposal capacity. Four alternatives were evaluated: do nothing, close the site and open a new landfill, expand the life of the Ridge Landfill by increasing disposal capacity, and expand the Ridge Landfill with accommodation for resource recovery.

Screening criteria were applied to all four alternatives and the fourth alternative is the preferred alternative.

CK-PWS Diversion Opportunities

- The MOECC indicated they would like to see how diversion would be considered as part of the EA. As part of developing the EA alternative methods, PWS will consider system alternatives for diversion. PWS does diversion processing primarily near the waste source in their broader system and brings residual waste to Ridge. There are three diversion options being considered: Option 1 – no change to PWS current operations, Option 2 – consider centralized processing activities at Ridge serving southern Ontario, Option 3 – consider centralized processing activities at Ridge for more local market conditions (as opposed to regional).
- MOECC has a number of goals and objectives to reach higher diversion targets in the province within the Waste-Free Ontario strategy. This strategy/act will be considered in identifying diversion opportunities at Ridge. PWS would also like to discuss the potential for diversion opportunities with CK as the project progresses.
- CK's OP requires PWS to demonstrate that the current facility is within 10 years of the expected site life. Dillon has completed an analysis and memo to demonstrate that the landfill is set to close in 2022 – this can be demonstrated when re-zoning applications are submitted to CK.
  PWS is prepared to proceed with the gas facility as soon as reassessment issues with MPAC are resolved.

Approval Requirements

- The project team would like to confirm the potential for the planning process approvals to run in parallel with the EA. During the last expansion of the Ridge, the planning approvals were done at the back end of the EA. We would like to approach this in a similar manner. Are there ways to conditionally approve Planning Act items pending approval of the EA? There would also be a more immediate need for approvals related to the gas facility. Environmental approvals will also be needed from the MOECC for the gas facility regardless of whether it's sited on the existing landfill footprint or on the other side of Erieau Road. From a permitting perspective, the team would like to separate the gas plant from the EA process.
- The proposed gas plant, if sited across the road, would require ECA, Site Plan, OPA and ZBA approvals. PWS has already implemented a similar facility at their Lachinae landfill in Quebec. CK indicated that planning justification will need to be done for the gas plant because they are designated as prime agricultural lands (the team would need to consider the PPS and OP). There would also be environmental considerations coming out of the ECA. The OPA could take six (6) months given the nature of the project, but there is opportunity to bundle the ZBA and Site Plan Approval together in the same timeline.

That can begin as soon as details are available. One formal public meeting is required for the OPA but council may request other informal public meetings ahead of time. Once preferred site development alternative is known for the expansion, we can initiate the Planning Act process with the municipality. Council will likely have more comfort once the EA is approved but the application can be put forward once the EA is submitted to MOECC. There is an option to have a public meeting for the OPA.

- As of May 2016, all development review is going to be completed internally with the planning department at CK.
- CK suggested that PWS should start the planning process for the landfill gas facility shortly to separate it from the EA. PWS indicated there is potential to have the landfill gas facility on-site and have it already permitted as an accessory use in the waste management zone. This would require amendment of the current ECA for the site to allow operation of the gas utilization plant. **CK would need to look at the existing site plan agreement to see if it needs to be altered.**
- There is one potential approval needed under the Drainage Act for the realignment of the Howard Drain to Charing Cross Road.
- PWS will have discussions with Transport Canada to figure out what is needed to get an expanded exemption across the rail line. **CK to provide us with a contact at TC.** Specific to the gas plant, if it is placed on the east side of Erieau Road, PWS would need to confirm with TC if they actually consider it as a waste facility. TC is mainly concerned with meeting height limits and bird control. They may also require NavCanada to be consulted.
- Offline ponds would be considered as part of landfill development and an OWRA approval, not Howard Drain construction under the Drainage Act. (Tim Dick asked about the Drainage Act and Howard Drain realignment).
- PWS are working with the MNRF on potential SAR issues connected to the woodlots. Subject to MNRF clearance, SAR issues would form rationale for the OPA to rezone land use. If OPA is needed, CK would like to see Endangered Species Act (ESA) permits (MNRF clearance) before the OPA is undertaken to change land use zoning.
- CK raised some questions re gaining approval for the woodlots replacement? Typically PWS has not run into ESA species. The SAR of concern are bats. There is evidence of bats and bat habitats. MNRF meeting is to agree on additional studies to be completed. Woodlots are considered significant in the OP. PWS has 15 hectares available for compensation/replacement.
- Apparently DFO needs to be more thorough with Drainage Act involvement. No recent municipal experience with woodlot removal.

<u>Proposed Schedule</u>

- Modest consultation program – newspaper notification and some meetings prior to the April 13th announcement date. *(Note post-meeting that this has changed to April 20th)* First publication in Blenheim newspaper followed by newspapers in Chatham. Targeted

outreach will occur, beginning with residents near the site and moving outward. Following the open house, PWS will do continued consultation with the goal of reaching as many people as possible. PWS is prepared for issues that will come up.

- PWS has a good relationship in the community and wants to continue positive relationships in the area. PWS have developed extensive messaging to ensure clarity on the main points. PWS wants to generate a lot of support.
- CK asked if PWS have discussed project with the Mayor or Councillors yet. PWS indicated that it was important to PWS to discuss and understand issues with staff, CLC and neighbours before speaking with Mayor or Councillors. PWS wants to manage messaging.
- PWS is meeting with Ward Councillors on April 5th and Mayor today (March 30).Current schedule is working towards a mid-year submission of the ToR and the timeline allows two (2) years from that point to complete and submit the EA – mid 2018. PWS have considered election cycles. EA submission would be prior to municipal election and just after provincial election. This schedule allows a year for EA approval.
- Originally PWS had Planning Act approvals at the time of EA approval but would like to advance this if possible. These approvals allowed for one (1) year for ECA approval up to 18 months. That application will be founded on all EA work and will be submitted once EA is granted.
- PWS service area for residential waste is proposed to be expanded to all of Ontario. CK staff suggested that this would be likely be an issue for CK Council.
- Ridge primary focus is ICI.
- CK suggested PWS needs to demonstrate the current capacity of Toronto landfill so CK constituents recognize that that Toronto residential waste is not going to Ridge.
- OWRA approvals require detailed design. PWS to advance detailed design in parallel with the ECA. Current schedule puts detailed design into a 2021 design completion timeline to have construction done for when the site would close. This schedule is tight and heightens the critical nature of the consultation program to address concerns as they arise.

Action Items

| Action | Responsible Party |
|---|---|
| CK to look at the existing site plan agreement to see if it needs to be altered related to the proposed gas utilization facility. | CK |
| CK to provide us with a contact at TC. | CK |
| If OPA is needed, CK would like to see Endangered Species Act (ESA) permits where permitting is necessary (i.e., MNRF clearance) before the OPA commences. | PWS |
| PWS needs to demonstrate the current capacity | PWS |

| Action | Responsible Party |
|---|---|
| of Toronto landfill so CK constituents recognize that that Toronto's MSW waste is not going to Ridge | |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **EA Terms of Reference Lower Thames Valley Conservation Authority Pre-Consultation Meeting for the Ridge Landfill** |
| **DATE/TIME:** | **March 30, 2016 1:30 pm to 2:30 pm** |
| **LOCATION:** | Lower Thames Valley Conservation Authority Office – 100 Thames Street, Chatham, ON |
| **PRESENT:** | Randall Van Wagner (Lower Thames Valley Conservation Authority), Valerie Towsley (Lower Thames Valley Conservation Authority), Jason Homewood (Lower Thames Valley Conservation Authority), Cathy Smith (PWS), Tim Kozlof (PWS), Gary Komar (Dillon Consulting), Megan Bellamy (Dillon Consulting) |

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Introduction & Purpose of the Meeting

- All attendees introduced themselves.
- PWS have met with MOECC, CK, CA today (March 30 2016) and are meeting with the MNRF next week.
- PWS is proceeding with an Individual EA of which PWS is at the ToR stage.
- The purpose of this meeting is to go over the project history and the proposed work.
- The current site has been in operation since the 1960s. The previous landfill was in operation from the 1960s until 2000. There was a facility expansion in 2000, which resulted in the creation of the west landfill. The current facility will reach capacity in 2022. PWS is initiating the Individual EA to look at additional capacity. During the expansion in 2000, SWM included ponds to collect, test, and then discharge to the drain system. The last expansion required relocation of the Duke and Howard Drains. The expansion resulted in a flood control facility to release pre-development flow to the downstream Howard Drain.
- There are three (3) woodlots on the Ridge Landfill that are currently beyond the existing landfill area footprint.
- Landfill gas is currently collected and flared on site. PWS is looking at constructing a gas utilization facility that would clean landfill gas and connect to the Union Gas system. Leachate is collected and sent to the Blenhiem pollution control plant by pipeline.
- PWS sends the MOECC a stormwater and groundwater report annually. Reports indicated that the Site has performed within compliance parameters.

Ridge Landfill Expansion Project

- EA needs/opportunities study considered waste generation, diversion and disposal needs/opportunities for southern Ontario. The study also considered 3M tonnes exported to USA and examined low, medium and high diversion scenarios. The "alternatives to" report undertook a preliminary evaluation of four alternatives: do nothing, close the site and open a new landfill, expand the life of the Ridge Landfill by increasing disposal capacity, and expand the Ridge Landfill with accommodation for resource recovery. Screening criteria were applied to all four alternatives and the fourth alternative is the preferred alternative.
- The EA will look at ways to add capacity to the site and also look at diversion system alternatives.
- The proposed expanded area (A, B, C and Old Landfill) is greater than needed to extend the life of the landfill 20 years so the EA explores various combinations of the expanded fill areas.
- PWS has identified an area for woodlot compensation, which is larger than the area PWS would be impacting/removing.
- There is potential for the relocation of the Howard Drain.
- Ponds are offline and discharge to a municipal drain system after testing. The location of new ponds will depend on the preferred development alternative. The flood control facility size will increase. Accommodating climate change is something that the MOECC is concerned about. PWS will consider accommodating climate change in stormwater design on the site. The options that PWS are looking at include the old fill area – landfill mining - to increase capacity that way. The Old Landfill is much shallower than the others. The height of the Old Landfill can be raised to a similar height of the West Landfill.
- The options considered for diversion: existing PWS recovery happens close to source with residual waste coming to Ridge; processing facility across Erieau Road to take unprocessed waste from the southern Ontario capture area; local market driven approach based on the needs of Chatham or other local communities.
- Some studies have already been completed in the SW and SE woodlots – botanical surveys, ELC, amphibians, bats. Acoustical assessment for bats identified the potential for SAR bats. **PWS (Dillon) will confirm what studies required in these woodlots once we meet with MNRF**.
- PWS intends to do plantings on some existing berms on site. There are a few berms PWS cannot naturalize until PWS receives approval through the EA. PWS would like to involve the CA in creation of new woodlot. Creating a larger, more contiguous block of woodland with more interior is favourable.
- **CA interested in a potential windbreak around the property across Erieau Road**.

Proposed Schedule

- Formal public notification to take place in mid-April. The first open house will now occur in early May. The second open house is to take place before the summer to outline the framework of the ToR. The EA allows for a two (2) year timeframe for completion (to mid-year 2018). This also allows for another field season to complete additional studies that may be required. PWS is hopeful that EA approval would take one (1) year after submission to the MOECC, and the current schedule allows for a 12 month approval schedule for the ECA. The project would also need Planning Act approvals (OP/ZBA/Site Plan) from Chatham-Kent. PWS would also need an extension to the zoning exemption from the airport. OWRA approval will require detailed design so this would be done later.
- From 2019-2021, the schedule shows the initiation of approvals, design and construction. This is an aggressive schedule however; the facility is well known, well established and well connected to the community.
- The CA is no longer an acting agent of DFO. PWS (Dillon) would need to do an online review process. **CA to provide PWS/Dillon with information regarding DFO's online review process.**
- DFO may want a site visit. PWS to expect that DFO will want to see that the Howard Drain surface area is maintained e.g. through meandering, despite the relocation. Realignment of the Howard Drain would be completed through the Drainage Act permitting process with the Chatham-Kent.
- **CA will want to know if the Scott Drain can handle additional capacity from the Howard Drain.** DFO may be interested in loss of length of Howard Drain if it is relocated. If PWS have ponds at top end of site, this can offset flow impacts.
- Earliest planting for north woodlot is spring 2017. Woodlot is proposed to be planted in annual stages, but CA would like to do more at each planting season. The CA is willing to help with the tree planting, including grant programs if available. PWS provided the CA with the proposed Ridge planting plan. There is an opportunity for PWS to support other CA planting projects. (i.e. at the SW corner of Hwy 40 and Hwy 401). **CA to provide a quote for planting.**
- CA's main interest in Ridge Landfill Expansion will be the stormwater system.

Action Items

| Action | Responsible Party |
|---|---|
| PWS (Dillon) to confirm with CA what studies are required in woodlots once PWS & Dillon have met with MNRF. | PWS (Dillon) |
| Provide PWS/Dillon with info regarding undertaking the DFO's online review process | CA (Valerie) |
| Quote to PWS for planting | CA |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

**PROJECT:** **MNRF Pre-Consultation Meeting for the Ridge Landfill**

**DATE/TIME:** **April 5, 2016, 10:30 am to 11:30 am**

**LOCATION:** MNRF Aylmer District Office – 615 John Street North, Aylmer, ON

**PRESENT:** Cathy Smith (PWS), Brian Forrestal (PWS), Mitch Wilson (MNRF), Heather Riddell (MNRF), Jason Webb (MNRF, Dan Bourassa(Dillon Consulting), Megan Bellamy (Dillon Consulting),

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Introduction

- All attendees introduced themselves.
- MNRF used to have a field office in Chatham but have recently restructured. The Aylmer District Office covers Windsor, Norfolk, and Lambton County to Aylmer - the Walker Landfill falls within their jurisdiction.
- Heather will be the main MNRF contact for the Ridge Landfill Expansion Project. Heather coordinates technical staff review.

Ridge Landfill Expansion Project

- The Ridge Landfill has a good environmental history with the MOECC and the community.
- The Landfill is an example of excellent engineering as it has been in operation since 1966 with exceptional community relationship/support.
- PWS is proposing to expand the landfill since it is currently expected to reach capacity in 2022. The expansion would increase the life of the landfill approximately 20 years to 2042, but would not increase the annual capacity of 1.3 M tonnes.
- The final footprint of the expansion would be determined through the Individual EA process. PWS is also proposing a landfill gas facility, independently of the EA.
- Rezoning is needed for expansion and PWS has already discussed the expansion/rezoning with the CK municipality.

Pre-EA Field Studies

- Questions for MNRF:
    1) How to qualify SAR bat habitat?
    2) ESA 17(2)(c) permit – what would an overall benefit look like?
- Field work covers Step 1 and 2 of the current District protocol:
    - no SAR plants or birds were identified during field work in 2015;
    - mobile acoustic survey indicated presence of SAR bats foraging adjacent to the SW woodlot, but it has not been confirmed if they were present within the woodlot (sampling was done on the periphery).
    - mapping cavity trees;
    - no OBP in southern Ontario for bats yet; and,
    - PWS can suggest some ideas for the conditions of the permit.
- Using acoustic surveys to determine significant wildlife habitat on a case by case basis, is an open-ended process.
    - 10 acoustic surveys: for SAR, if there is one SAR identified PWS can stop, but if this feeds into significant habitat, PWS would need to do 10 surveys anyway.
- If using acoustic survey results to determine SWH, difficult to set a threshold.
    - Need feedback from the Region on this issue;
    - First time MNRF has been asked this.
- MNRF does not think there is any other SAR to be concerned about (indicated by Jason). There is no regulated habitat on site.
- MNRF indicates that it is the municipality's responsibility to determine significant wildlife habitat. MNRF will likely provide technical advice and recommendations for demonstrating no impacts. Ultimately it is the municipality's decision but CK may seek input from MNRF or the CA. MNRF would specifically comment on the ESA and wetland and would provide technical advice on other natural features.
- PWS would like woodland compensation area to be acknowledged as a portion of the overall benefit. PWS would start planting area as soon as possible (Spring 2017). It was suggested that a telephone pole with BrandenBark could be used for habitat compensation as well as an overall benefit.
- MNRF indicated that PWS needs to make sure consideration is made for the form and function of features being removed and recreating these features.
- Amphibian breeding point in April/May.
- Swampy area identified in ELC may need a wetland evaluation.

<u>Questions for MNRF</u>

1) Hedgerow removal – what does PWS need to do?
    - MNRF indicated that it depends on structure and if there are trees with potential habitats. Need to differentiate between hedgerows via visual exit survey combined with acoustic surveys.

2) One month ago, PWS received the following as coverage requirements: four (4) stations/h versus one (1) station/ha up to a max of 10 stations per polygon for other districts. Is it possible to reduce this requirement?
    - **MNRF will review and confirm this guidance since PWS has seen other coverage requirements.** MNRF will confirm if PWS can reduce the number of stations. PWS proposed one (1) station per hectare based on guidance from other Districts. PWS would use a wildlife acoustic monitor (approx. 50m range per microphone). **PWS will follow-up with monitor specs with MNRF (Jason).**
3) What is the timeline to get the C Permit if it is needed?
    - PWS can start working on permit as soon as habitat determination is made.
    - MNRF will expedite C Permit as much as possible.
    - PWS would only need to do the survey once.

Action Items

| Action | Responsible Party |
|---|---|
| Confirm how significant wildlife bat habitat will be qualified based on acoustic results. | MNRF (to be confirmed by the Region) |
| Confirm guidance for field studies and consider reducing the requirement for monitoring (1 station/ha as compared with 4 stations/ha). | MNRF |
| Provide specifications for Wildlife Acoustic monitor to support reduction of sampling points (microphone detection range of ~50 m as compared with 20-30m range). | Dillon Consulting Limited |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

**PROJECT:** **Ridge EA Chatham-Kent Airport Meeting**

**DATE/TIME:** **May 12, 2016, 9:00 am to 10:00 am**

**LOCATION:** Chatham-Kent Municipal Airport, 8528 14th Line, RR2, Merlin ON

**PRESENT:** Marion Smith (Airport), Miguel Pelletier (Chatham-Kent), Thomas Kelly (Chatham-Kent), Cathy Smith (PWS), Tim Kozlof (PWS), Megan Bellamy (Dillon Consulting)

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Introduction to Progressive Waste Solutions (PWS)

- All attendees introduced themselves.
- Cathy Smith provided an overview of the purpose of the meeting. PWS is proposing to expand the life of the Ridge Landfill by 20 years and has initiated the process of preparing a Terms of Reference (ToR) for an individual Environmental Assessment (EA). As part of this proposed expansion, PWS would need an extension to the Airport Zoning Regulation exemption.
- It was noted that PWS is in the process of merging with Waste Connections of Texas. The merger process is set to be completed on June 1, 2016. Waste Connections will be the parent company of PWS, and while headquartered in Houston, Texas, PWS will continue to operate in Canada under its current name. It is expected that there will be no noticeable difference in PWS Canadian operations.
- Thomas Kelly indicated they (Chatham-Kent) are in favour of the expansion and noted that PWS has been a positive influence in the community and has managed waste and recycling programs very well.

History of the Ridge Landfill

- The Ridge Landfill opened in 1966.
- The last physical expansion of the landfill site occurred in 1997, and saw the landfill expand to the west and south. In 2011, the Ridge was approved to receive a higher tonnage of annual waste (1.3 million tonnes annually). This will stay the same for the current expansion; the current expansion is only to extend the life of the landfill by another 20 years.
- The landfill operates from 7:00 am to 5:00 pm, Monday to Saturday.

EA Process for Proposed Landfill Expansion

- The EA will consider different combinations of expansion areas to increase the life of the landfill.
- The Ministry of the Environment and Climate Change (MOECC) indicated they would like to see how waste diversion would be considered as part of the EA. As part of developing the EA alternative methods, PWS will consider system alternatives for diversion and partnering opportunities with Chatham-Kent for increased diversion.

Potential Expansion Areas

- The vertical height of the landfill cells will not change. It is understood that the airport has a 40 m height restriction.
- There is potential for vertical expansion of the Old Landfill; however, it wouldn't exceed the 40 m height restriction, which includes the height of trucks on the surface of the fill area.
- PWS is planning to construct and operate a gas plant across the street from the current landfill site (east of Erieau Road); no gases or smoke will be created from this process.
- The landfill site is surveyed on an annual basis to ensure that height requirements are being met.
- Fires are handled by on-site emergency response staff. PWS staff give authority to the Municipal Fire Department should they enter the site.
- Miguel Pelletier expressed concern that there could be greater potential for fires fuelled by methane from waste or fuel if a plane were to crash. It was noted that the potential expansion is not anticipated to pose any greater risk of fire than already exists, and PWS has worked with local emergency response teams to ensure appropriate protocols are in place.
- The proposed expansion areas show the potential need to remove the SE and SW woodlots. PWS is proposing to replace these areas by way of "woodlot compensation" by expanding the northern woodlot.
- Airport staff expressed concern that northern woodlot expansion may result in increased wildlife conflicts (bird nesting/habitat and potential bird strikes with aircraft), and expressed a preference for there being no woodlot compensation on-the northern woodlot.
- Woodlot compensation east of Erieau Road was considered a better option since the planes would be at a higher altitude when flying over that area.

Bird Management at the Ridge Landfill

- PWS has a bird control program with professional staff coming on-site a few times per day to scare the birds away from the active waste cell. These staff may now be asked to

monitor the Airport radio frequency to ensure aircraft are not arriving during bird management activities. **Marion Smith may provide Tim Kozlof with a radio to keep on-site that can be used to monitor the frequency. PWS to cover the cost of the radio.**

Zoning Regulation Exemption and Transport Canada

- PWS has a zoning exemption with Transport Canada that ends at the former rail bed. This exemption would need to be extended to accommodate the proposed expansion.
- Rezoning by Transport Canada is not an issue as long as the height of the landfill cells remains 40 m or less and that birds and wildlife continue to be managed.
- Margaret Menzel (Transport Canada) will be giving a response in early June; **Marion Smith to send Megan Bellamy an email address for Transport Canada so Dillon can get confirmation of this in writing.**

Action Items

| Action | Responsible Party |
|---|---|
| Airport may give Ridge a radio to keep onsite for use in bird management operations | Airport |
| Airport to send Megan another email contact address at Transport Canada so Dillon can obtain confirmation in writing | Airport (completed). |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

**PROJECT:** **Ridge Landfill EA – ToR Meeting**

**DATE/TIME:** **June 6, 2016, 1:30 pm to 2:30 pm**

**LOCATION:** MOECC Offices – 135 St. Clair Avenue West, 5th Floor

**PRESENT:** Cindy Batista (MOECC),Tim Kozlof (PWS), Gary Komar (Dillon Consulting), Karla Kolli (Dillon Consulting), Megan Bellamy (Dillon Consulting)

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Update to the Project

- Pre-consultation meetings for the project have taken place with the Municipality of Chatham-Kent as well as the Ridge Landfill Liaison Committee (RLLC). The RLLC is comprised of members of the community as well as municipal councilors and is focused on the operation of the landfill.
- The Notice of Commencement of the Terms of Reference (ToR) was published in four newspapers along with the Notice of the first Open House.
- The first Open House was held on May 3rd and was attended by approximately 60 people. The comments were generally positive, with some concerns related to timing, compensation and nuisance effects. The Open House was able to address some misconceptions about where the waste comes from (i.e., Toronto). The second Open House is scheduled to be held on June 28th.
- Pre-consultation meetings also took place with the Ministry of Natural Resources and Forestry (MNRF) and the Lower Thames Valley Conservation Authority (LTVCA).
- Natural environment studies have taken place at the site, including botanical surveys, Ecological Land Classification (ELC), breeding birds and amphibians. Bat acoustic monitoring is taking place now.
- Three separate outreach letters were sent to Indigenous Communities by John Beaucage (PWS has retained him to assist with Indigenous consultation). Meetings are occurring soon with Walpole Island First Nation and Caldwell First Nation.
- PWS now owns the neighbour's property that was contiguous to theirs. The site development options that PWS is proposing will include this property.

Discussion of Alternative Methods

- The preferred Alternative To is to expand the Ridge Landfill and include opportunities for resource recovery. The Alternative Methods outline different ways of implementing this preferred Alternative To.
- Resource Recovery Alternatives will be explored on a PWS system level. There are three options being considered:
    1. Process waste near the generator and supplement with a public drop-off location at Ridge. This option represents the 'status quo' and is representative of PWS' current activities.
    2. Alter PWS diversion processing framework by developing centralized processing facilities for Southern Ontario at the Ridge. This option also includes a public drop-off location.
    3. Develop processing facilities at the Ridge for local market opportunities (i.e., Chatham-Kent and surrounding five counties). This option also includes a public drop-off location.
- The criteria for Resource Recovery Alternatives would have a bias toward transportation considerations.
- PWS owns a parcel east of Erieau Road that could also be used for diversion activities. The changes to legislation could create opportunities for PWS to increase waste diversion activities.
- The Alternative Methods will consider different ways of expanding the Ridge landfill. The options for expansion are either lateral (construction of new waste cells), vertical (increasing the height of the Old Landfill), and/or landfill mining.The preferred site development alternative will include some combination of these.
- The landfill has been operating since 1966 and PWS has been filling the West Landfill since 2000. A tender is out to construct the first South Landfill cell. The leachate collection system for any new cells would remain the same as for the current cells, with an underdrain, and with the leachate pumped to the municipal wastewater treatment facility in Blenheim. Landfill gas is collected and flared on-site.

<u>Considerations for the ToR</u>

- Cindy suggested that the project team ask the following questions when describing diversion opportunities: *How will the project be impacted by the Act? How will the project complement the Act?* The ministry is particularly interested in opportunities to increase waste diversion and reduce greenhouse gases.
- Cindy suggested that the team look at the Notice of Approval for the Humberstone EA. It was the last approved landfill expansion and included a vertical expansion of the landfill.
- Cindy indicated that climate change guidelines may be released for public comment in the fall of 2016. The ToR should consider how the project would be impacted by climate change, and how climate change would be impacted by the project. The ToR should also consider cumulative impacts, source water protection, and regional waste management.

Project Schedule

- The Draft ToR will be available around the same time as the second Open House (scheduled for June 28th). The team is anticipating that the final ToR will be submitted around the end of August and anticipates that approval will come from the Ministry around end of December 2016.
- Cindy mentioned that the final ToR needs to acknowledge and describe how agency comments on the draft ToR were addressed.

Other Items

- Indigenous consultation is very important and proponents should be encouraged to make as many connections as possible.
- Cindy asked if visual impact has been a concern in the community. The perimeter berm is naturalized and the community has long-term awareness about the height of the cells.

Action Items

| Action | Responsible Party |
|---|---|
| Follow up with GRT team to see if they would like a hard or electronic copy of the draft ToR. | MOECC |
| Follow up with MOECC London District office to see if they would prefer a hard or electronic copy of the ToR. | MOECC |
| Include correspondence with the MNRF as part of the Record of Consultation. | PWS/Dillon |
| Provide an update to the MOECC about the second Open House and upcoming meetings with the Walpole Island and Caldwell First Nation. | PWS/Dillon |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

Canadian Environmental Assessment Agency
Ontario Regional Office
55 St. Clair Avenue East,
Room 907
Toronto, ON M4T 1M2

Agence canadienne d'évaluation environnementale
Bureau régional de l'Ontario
55, avenue St-Clair est,
bureau 907
Toronto (Ontario) M4T 1M2

April 27, 2016

Sent by E-mail

Cathy Smith, Project Manager
Progressive Waste Solutions Canada Inc.
Cathy.Smith@progressivewaste.com

Dear Ms. Smith:

**Re: Information on the *Canadian Environmental Assessment Act, 2012***

Thank you for your correspondence regarding the Ridge Landfill, Blenheim Ontario.

The *Canadian Environmental Assessment Act, 2012* (CEAA 2012) focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction and applies to physical activities described in the *Regulations Designating Physical Activities* (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. **Kindly review the Regulations to confirm applicability to the proposed project.**

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, we kindly request that you remove the Canadian Environmental Assessment Agency from your distribution list.

If you have questions, please get in touch with our office through the switchboard at 416-952-1576. The attachment that follows provides web links to useful legislation, regulation, and guidance documents.

Sincerely,

Anjala Puvananathan
Director, Ontario Region
Canadian Environmental Assessment Agency

Attachment – Useful Legislation, Regulation, and Guidance Documents

**Attachment – Useful Legislation, Regulation, and Guidance Documents**

For more information on the *Canadian Environmental Assessment Act, 2012* (CEAA 2012), please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012
http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1

*Regulations Designating Physical Activities, and*
*Prescribed Information for a Description of a Designated Project Regulations*
http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project
http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169-DD89A36DA0E6/Guide_to_Preparing_a_Description_of_a_Designated_Project_under_CEAA_2012.pdf

Progressive Waste Solutions

400 Applewood Crescent, 2nd Floor
Vaughan, ON L4K 0C3
T: 905 532 7510 F: 905 532 7576
www.progressivewaste.com

April 20, 2016

Ms. Anjala Puvananathan
Director, Ontario Region
Canadian Environmental Assessment Agency
55 St. Clair Avenue East, Suite 907
Toronto, ON M4T 1M2

Dear Ms. Puvananathan:

We want to advise you that Progressive Waste Solutions has announced today that it will be seeking an expansion of the Ridge Landfill. Attached is the newsletter that we're sending out to our neighbours, those along the haul route, and the communities of Blenheim, Charing Cross and Cedar Springs.

Our other proposed future plans for the landfill include: the development of a biogas facility to convert landfill gas into a pipeline quality natural gas; the expansion of a public drop-off depot to allow residents and businesses to divert household hazardous and electronic wastes and other recyclables including scrap wood, scrap metal, drywall, concrete, tires, paints, etc., which are not being collected in the current residential recycling program, and; the construction of a new community activity centre.

The landfill would continue to be designed, developed and operated following stringent Ontario Ministry of Environment and Climate Change landfill regulations and will not involve an increase to current annual waste volumes.

The Ridge Landfill will continue its annual contribution of approximately $13 million into the local economy, including directly contributing $4 million annually to the local community as well as other direct and indirect benefits on average of $9 million annually in salaries, construction and road maintenance, goods and services purchased, taxes, etc.

The proposed expansion will require the completion of an Individual Environmental Assessment (EA) under the Ontario EA Act in a mandatory two-step process.

- The first step involves the preparation of an EA Terms of Reference (ToR) which identifies the need/opportunity for disposal capacity and outlines the road map for the EA. The ToR must be approved by the Ministry of Environment and Climate Change.
- The second step is undertaking the EA. The EA would look at different ways to develop the facility, the potential for environmental effects and how effects could be mitigated.

Both steps will provide opportunities for consultation with neighbours, local residents and other stakeholders.

The public's input is very important and you will likely have questions and want to know that the environment and the enjoyment of the property will be protected. The public consultation process will

begin with an Open House on May 3rd at St. Mary's Hall, 94 George Street in Blenheim from 5:00 to 8:00 pm.

We look forward to keeping in touch throughout this process. If you have any questions or comments, please call us at (519) 676-5000 or visit our website – www.ridgelandfill.com.

Yours sincerely,

Cathy Smith
Project Manager

Tim Kozlof
District Manager

**Infrastructure & Development Services Division**
789 Broadway Street, Box 3000
Wyoming, ON N0N 1T0

Telephone: 519-845-0801
Toll-free: 1-866-324-6912
Fax: 519-845-3872

June 13, 2016

Progressive Waste Solutions
400 Applewood Crescent, 2nd Floor
Vaughan, ON L4K 0C3

**Attention: Cathy Smith, Project Manager**

Dear Ms. Smith:

**Re: Expansion of Ridge Landfill**

Lambton County Council, at its meeting June 1, 2016, endorsed the following motion:

*#1: Bradley Gillis: That correspondence PW 06-02-16 be received and filed.*
*Carried.*

Should you require anything further, please contact the undersigned.

Yours truly,

Jason Cole, P.Eng.
General Manager

Ontario
Infrastructure Ontario

One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

July 4, 2016

**Response to EA Notice**

Thank you for providing Infrastructure Ontario (IO) with a copy of your Environmental Assessment Notice. From the information you have provided, it is unclear if you are proposing to use lands under the control of the Minister of Economic Development, Employment and Infrastructure (MIO lands) to support your proposed project.

Prior to MOI consenting to the use of MIO lands, the applicable environmental assessment, duty to consult Aboriginal peoples (if triggered) and heritage obligations will need to be met. In order for MIO to allow you access to MIO lands and to carry out proposed activities, MIO must ensure that provincial requirements and due diligence obligations are satisfied. These requirements are in addition to any such obligations you as the proponent of the project may have.

You as the proponent of the project will be required to work with Infrastructure Ontario (IO) to fulfill MIO's obligations which may include considering the use of any MIO lands as part of your individual environmental assessment. All costs associated with meeting MIO's obligations will be the responsibility of the proponent. Please note that time should be allocated in your project timelines for MIO to ensure that its obligations have been met and to secure any required internal government approvals required to allow for the use of the MIO lands for your proposed project.

In order for MIO and IO to assist you to meet your required project timelines, please recognize that early, direct contact with IO is imperative. The due diligence required prior to the use of MIO lands for your proposed project, may include but may not be limited to the following:

- Procedural aspects of the Provincial Crown's Aboriginal Duty to Consult obligations – *see Instruction Note 1*
- Requirements of the MOI Public Work Class Environmental Assessment – *see Instruction Note 2*
- Requirements of the Ministry of Tourism Culture and Sport (MTCS) Standards and Guidelines for Consultant Archaeologists– *see Instruction Note 3*
- Requirements of the MTCS Standards and Guidelines for the Conservation of Provincial Heritage Properties Consultant Archaeologists – *see Instruction Note 4*

Representatives from IO are available to discuss your proposed project, the potential need for MIO lands and the corresponding provincial requirements and due diligence obligations.

Please review the attached instruction notes which provide greater detail on the due diligence obligations associated with the use of MIO lands for your proposed project. We are providing this information to allow you as the proponent to allocate adequate time and funding into your project schedule and budgets. If your project requires you to study MIO lands, then an agreement is required and all studies undertaken on MIO lands will be considered confidential until approval is received. IO will require electronic copies of all required studies on MIO lands that you undertake.

We strongly encourage you to work with IO as early as possible in your process to identify if any

MIO lands would be required for your proposed project. Please note that on title MIO control may be identified under the name of MIO or one of its predecessor ministries or agencies which may include but is not limited to variations of the following: Her Majesty the Queen/King, Hydro One, MBS, MEI, MGS, MOI, OLC, ORC, PIR or Ministry of Public Works[1].

Please provide Rita Kelly with a confirmation in writing of any MIO lands that you propose to use for your proposed project and why the lands are required along with a copy of a title search for the MIO lands.

For more information concerning MIO lands in your study area or the process for acquiring access to or an interest in MIO lands, please contact:

Rita Kelly
Project Manager
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
1 Dundas St. West, Suite 2000
Toronto ON
M5G 2L5
Tel: (416) 212-4934
Email: rita.kelly@infrastructureontario.ca

An application package and requirements checklist is attached for your reference. Please note that transfer of an interest in MIO lands to a proponent can take up to one year and there is no certainty that approval will be obtained.

For more information concerning the MOI Public Work Class Environmental Assessment process and due diligence requirements, please contact:

Lisa Myslicki
Environmental Specialist
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON
M5G 2L5
Tel: (416) 212-3768
Email: lisa.myslicki@infrastructureontario.ca

[1] MBS - Management Board Secretariat; MEI - Ministry of Energy and Infrastructure; MGS - Ministry of Government Services; MOI - Ministry of Infrastructure; OLC - Ontario Lands Corporation; ORC - Ontario Realty Corporation; PIR - Ministry of Public Infrastructure Renewal

If MIO lands are not to be impacted by the proposed project, please provide a confirmation in writing to Infrastructure Ontario.

Thank you for the opportunity to provide initial comments on your proposed project.

Sincerely,

**Patrick Grace**
Director
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
Dundas St. West, Suite 2000
Toronto, ON, M5G 2L5

**INSTRUCTION NOTE 1**

**Provincial Crown's Aboriginal Duty to Consult obligations**

The Crown has a constitutional Duty to Consult (DTC) in certain circumstances and Aboriginal consultation may be required prior to MIO granting access to MIO lands or undertaking other activities. The requirement for Aboriginal consultation may be triggered given Aboriginal or treaty rights, established consultation or notification protocols, government policy and/or program decisions, archaeological potential or results, and/or cultural heritage consultation obligations. The requirement for Aboriginal consultation will be assessed by MIO.

Prior to the use of MIO lands, MIO must first meet any duty to consult obligations that may be triggered by the proposed use of MIO lands. It is incumbent on you to consult with IO as early in the process as possible once you have confirmed that MIO lands would be involved.

MIO will evaluate the potential impact of your proposed project on Aboriginal and treaty rights. MIO may assess that the Crown's Duty to Consult (DTC) requires consultation of Aboriginal communities. Proponents should discuss with IO whether MIO will require consultation to occur and if so, which communities should be consulted.

Where MIO determines that Aboriginal consultation is required, MIO will formally ask you to consult or continue to consult with Aboriginal peoples at the direction of MIO.

On behalf of MIO you will also be required to:

1. Maintain a record and document all notices and engagement activities, including telephone calls and/or meetings;
2. Provide the Ministry updates on these activities as requested; and
3. Notify the Ministry of any issues raised by Aboriginal communities.

If consultation has already occurred, IO strongly encourages you to provide complete Aboriginal consultation documentation to IO as soon as possible. This documentation should include all notices and engagement activities, including telephone calls and/or meetings.

Any duty to consult obligations must be met prior to publically releasing the Notice of Completion for the assessment undertaken under the MOI PW Class EA.

**INSTRUCTION NOTE 2**

**Requirements of the MOI Public Work Class Environmental Assessment**

MIO has an approved Class EA (the Ministry of Infrastructure Public Work Class Environmental Assessment (Public Work Class EA) to assesses undertakings that affect MIO lands including disposing of an interest in land or site development. Details on the Public Work Class EA can be found at:
http://www.infrastructureontario.ca/Templates/Buildings.aspx?id=2147490336&langtype=1033

You may be required to work with IO to complete an environmental assessment under the Public Work Class EA for the undertakings related to MIO lands. IO will work with you to ensure that all of the MIO undertakings or activities related to the use of MIO lands are identified, that the appropriate Category of undertaking is used and a monitoring and report back mechanism is established to ensure that MIO's obligations are met.

The completion of another environmental assessment process that assesses the undertakings related to MIO lands may satisfy MIO's obligations under the Public Work Class EA. You will be required to work with IO to determine the most appropriate approach to meeting the Public Work Class EA obligations for undertakings related to MIO lands on a case by case basis.

Where it is decided that the assessment of undertakings related to MIO lands can be assessed as part of the environmental assessment being undertaken by the proponent then it is likely that the following provisions will be required:

- that the environmental assessment documents set out that one process will be relied on by both the proponent and MIO to evaluate their respective undertakings and meet their respective obligations to assess the potential impacts of their undertakings;
- that the proponent's description of the undertaking to be assessed include all of the MIO undertakings related to the use or access to MIO lands (see Glossary of Terms);
- the associated EA Category from the Public Works Class EA be identified and met by the environmental assessment (see Figure 22. Category Listing Matrix and/or Tale 2.1 EA Category Identification Table);
- that the proponent's environmental assessment indicate that MIO would be relying on the proponent's assessment to satisfy MIO's obligations under the *Environment Assessment Act*;
- establish a monitoring and report back mechanism to ensure that any obligations of MIO resulting from the assessment will be met; and

An environmental assessment consultation plan be developed to ensure that all stakeholders required to be consulted regarding the undertakings on the MIO lands are consulted

**Other Due Diligence Requirements**

There may also be other additional due diligence requirements for the use of MIO lands in the proposed project. These may include:

- Phase One Environmental Site Assessment and follow up
- Stage 1 Archaeological Assessment and follow up

- Survey
- Title Search
- Species at Risk Survey(s)
- Appraisal

INSTRUCTION NOTE 3 – ARCHAEOLOGY - (see also *Instruction Note on Duty to Consult*)

Archaeological sites are recognized and protected under the *Ontario Heritage Act*. Carrying out archaeological fieldwork is a licensed, regulated activity under the 2011 Ministry of Culture Standards and Guidelines for Consulting Archaeologists. Please visit……

Archaeological due diligence is required for any proposed project on MIO land that could cause significant below ground disturbance such as, new building construction, installation/modification of site services, and installation/maintenance of new pipelines or transmission lines.

You, as the proponent, must engage IO prior to undertaking any archaeological work on MIO lands.

IO has two in-house licensed archaeologists who should be consulted early in the preparatory stages of a proposed project when geographic and site locations are being considered so that the potential for archaeological resources including historic and Aboriginal material (ion Aboriginal villages and burials sites) can be assessed.

To support both the Public Work Class EA and MIO's duty to consult analysis, archaeological assessments are required to determine if there are any significant findings that may be of cultural value or interest to Aboriginal people (e.g., archaeological or burial sites).

Archaeological work can begin before the assessment under the Public Works Class EA begins but the Class EA cannot be completed until the duty to consult that may be triggered regarding archaeological resources are fulfilled.

Depending upon the number or significance of resources found, the duty to consult may be triggered during any of the 4 phases of archaeological work (see below) or anytime during project construction.

The discovery of Aboriginal resources can impact on activities, including project and site plans, timelines and all costs. As the proponent, you are expected to ensure that you project timelines include adequate time and resources to address MIO due diligence obligations, including internal government approvals. All costs associated with meeting MIO's archaeological obligations will be the responsibility of the proponent.

For Archaeological Assessments (Stages 1 through 4), proponents must adhere to the four stage archaeological fieldwork process prescribed by the Ontario Ministry of Tourism, Culture and Sport (MTCS) as per the 2011 Standards and Guidelines for Consultant Archeologists. Not all noted Stages will be necessary for all work. Respondents must follow industry procedures and practices as per the MTCS Standards and Guidelines for Consultant Archeologists 2011 for each Stage of archaeological assessment, all reporting criteria and formatting, and any other license requirements and/or obligations.

- Stage 1 Background Study - Evaluation of Archaeological Potential
  - Archival research and non-intrusive site visit

- Stage 2 Property Assessment

- In-field systematic pedestrian survey or test pitting and reporting
-

- Stage 3 Site-specific Assessment
  - Limited excavation to determine site significance and size
  - Field works and reporting

- Stage 4 Site mitigation
  - Through either avoidance/protection or excavation Field work 4 to 8 weeks
  - Develop summary report
  - MTCS review – expedited review of summary report 6 weeks
  - Final report
  - Time to develop and implement mitigation measures – negotiation, legal protections, avoidance

IO Contact Information and direction to IO website….

INSTRUCTION NOTE 4 – HERITAGE REQUIREMENTS

Built Heritage/Cultural Landscapes

Built heritage/cultural landscapes (cultural heritage) are recognized and protected under the Ontario Heritage Act, the regulations to that Act and the 2010 Ministry of Culture Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) Criteria for determining cultural heritage value or interest are set out in O. Reg. 9/06 and 10/06. The S&Gs set out a process for identifying properties of cultural heritage value, and the standards for protection, maintenance, use and disposal of these properties. Please visit…….

Cultural heritage due diligence will be required for any proposed project on MIO land with the potential to impact cultural heritage resources, such as new building construction, installation/modification of site services, landscape modifications and installation/maintenance of new pipelines, transmission lines.

To support MIO's heritage and MOI PW Class EA obligations, proponents will be required to undertake cultural heritage assessments for all projects that require MIO lands. This will help to determine if the MIO lands are of cultural value or interest to the Province and the level of heritage significance. Where a property has heritage value, proponents may be required to develop appropriate conservation measures/plans and heritage management plans.

You, as the proponent, are strongly encouraged engage IO heritage staff as early in your project planning process as possible and in advance of beginning any cultural heritage assessment work. IO staff will be able to provide advice on the S&Gs and will provide any available heritage information for the MIO lands.

Proponents must also follow industry procedures and practices for all components of cultural heritage assessment work, all reporting criteria and formatting, and any other requirements and/or obligations. IO heritage staff can help identify any required reports.

Should MIO lands be identified under the S&Gs as a Provincial Heritage Property (local significance) or a Provincial Heritage Property of Provincial Significance, IO must be engaged to determine next steps.

Please note that if a Provincial Heritage Property of Provincial Significance is to be impacted, it is likely that consent from the Minister, Ontario Minister, Tourism, Culture and Sport (MTCS) will be required prior to access being granted to MIO lands. Minister's consent requires a detailed application and approvals should land dispositions or building demolitions be applied for as part of the proposed project.

As the proponent, you are expected to ensure that your project timelines include adequate time and resources to address MIO's heritage due diligence obligations, including internal government approvals. All costs associated with meeting MIO's heritage obligations are the responsibility of the proponent.

Staff contacts……

DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: Ridge Landfill EA - Draft Terms of Reference and Record of Consultation for review

1 message

**Jason Homewood** <Jason.Homewood@ltvca.ca> Wed, Jul 27, 2016 at 4:12 PM
To: "callan@dillon.ca" <callan@dillon.ca>
Cc: Valerie Towsley <Valerie.Towsley@ltvca.ca>, Randall Van Wagner <Randall.Vanwagner@ltvca.ca>

Catherine,

Valerie Towsley and I have reviewed the below reports with specific reference to the sections related to the Lower Thames Valley Conservation Authority. The comments appeared accurate.

Thanks,

Jason Homewood, P.Geo.
Water Resources and Regulations Technician
Lower Thames Valley Conservation Authority

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**From:** Valerie Towsley
**Sent:** Wednesday, July 13, 2016 8:21 AM
**To:** Jason Homewood
**Subject:** FW: Ridge Landfill EA - Draft Terms of Reference and Record of Consultation for review



Good day,

On June 27, 2016, you were provided with a copy of the Draft Terms of Reference and Record of Consultation for the Ridge Landfill expansion. We wanted to take this opportunity to follow up and remind you that the comment and review period is currently underway. Comments from the public, agencies and interested parties are due by July 28, 2016. You can download the report files at the following link:

https://www.dropbox.com/sh/5csxk78jvcjdoab/AAC6Eo4W0DztbOgFduDzfFCIa?dl=0

If you are able to, we would appreciate you letting us know if you plan to submit comments on the reports.

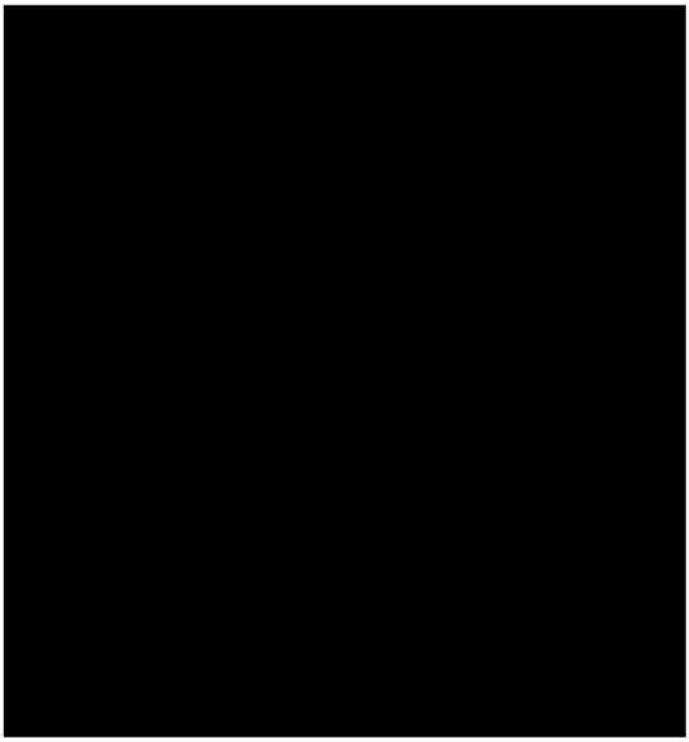
Should you have any questions or comments about the Ridge Landfill expansion, please do not hesitate to contact the undersigned:

**Cathy Smith, Project Manager**

**Progressive Waste Solutions Canada Inc.**

**T: 519-676-5000**

**Email: cathy.smith@progressivewaste.com**



DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Fwd: Ridge Landfill EA - Draft Terms of Reference and Record of Consultation for review

1 message




**From:** Rick Kucera <RICKK@chatham-kent.ca>
**Date:** July 26, 2016 at 5:15:51 PM EDT
**To:** "Allan, Catherine" <callan@dillon.ca>, "cathy.smith@progressivewaste.com" <cathy.smith@progressivewaste.com>
**Subject: RE: Ridge Landfill EA - Draft Terms of Reference and Record of Consultation for review**

Catherine/Cathy, please note that the draft TOR were reviewed internally by several staff including the SmartGrowth Committee and Chatham-Kent will not likely be commenting at this stage of the process.

Thanks,

Rick Kucera

*Manager, Waste and Recycling Services*

*Municipality of Chatham-Kent*

Phone: 519.360.1998 x3930

Fax: 519.436.3240

315 King Street West, P.O. Box 640

Chatham, Ontario, N7M 5K8

E-mail: rick.kucera@chatham-kent.ca

www.chatham-kent.ca

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cid:image005.png@01D11323.F7786260

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DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# Class EA - Ridge Landfill Expansion Project, Blenheim, ON: NEATS 42669

1 message

**EnviroOnt** <EnviroOnt@tc.gc.ca> Wed, Aug 10, 2016 at 10:38 AM
To: "cathy.smith@progressivewaste.com" <cathy.smith@progressivewaste.com>
Cc: 152456 <152456@dillon.ca>, "Allan, Catherine" <callan@dillon.ca>

Hello,

Thank you for your correspondence.

Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project will interact with a federal property **and** require approval and/or authorization under any Acts administered by Transport Canada*.

Under *the Canadian Environmental Assessment Act, 2012*, Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project. The project proponent should review the Directory of Federal Real Property, available at http://www.tbs-sct.gc.ca/dfrp-rbif/, to verify if the project will potentially interact with any federal property and/or waterway. The project proponent should also review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: https://www.tc.gc.ca/eng/acts-regulations/acts.htm.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any correspondence. If there is a role under the program, correspondence should be forwarded *electronically* to: EnviroOnt@tc.gc.ca.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

- ***Navigation Protection Act (NPA)*** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.

- ***Railway Safety Act (RSA)*** – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and

enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.

· ***Transportation of Dangerous Goods Act (TDGA)*** – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.

· ***Aeronautics Act*** – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The *Land Use In The Vicinity of Aerodromes* publication recommends guidelines for and uses in the vicinity of aerodromes, available at: https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm. Enquires can be directed to CASO-SACO@tc.gc.ca or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program | Programme d'évaluation environnementale

Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario

4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5

Email | Courriel: EnviroOnt@tc.gc.ca

Facsimile | télécopieur: (416) 952-0514

Government of Canada | Gouvernement du Canada



DILLON CONSULTING

Allan, Catherine <callan@dillon.ca>

# RE: Ridge Landfill EA - Draft Terms of Reference and Record of Consultation for review

1 message

**FPP.CA / PPP.CA (DFO/MPO)** <fisheriesprotection@dfo-mpo.gc.ca> Fri, Aug 12, 2016 at 11:03 AM
To: "Allan, Catherine" <callan@dillon.ca>

Dear Catherine,

The *Fisheries Act* requires that projects avoid causing serious harm to fish unless authorized by the Minister of Fisheries and Oceans Canada. This applies to work being conducted in or near waterbodies that support fish that are part of or that support a commercial, recreational or Aboriginal fishery. Following the measures to avoid harm will help you comply with the Act.

We request that you visit our website at http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html and undertake a Self-Assessment to determine if DFO needs to review your project.

If your project IS NOT in one of the listed waterbody types, and its activities ARE NOT listed, nor does it meet the associated criteria (if applicable), you may submit a ***Request for Review*** to DFO before proceeding further with in-water works.

If you are UNSURE about whether your project requires DFO review, you can seek support from a qualified environmental professional.

Yours sincerely,

Sara Eddy

A/Team Leader, Triage and Planning

Fisheries and Oceans Canada

Fisheries and Oceans Canada has changed the way new project proposals (referrals), reports of potential Fisheries Act violations (occurrences) and information requests are managed in Central and Arctic Region (Alberta, Saskatchewan, Manitoba, Ontario, Nunavut and the Northwest Territories). Please be advised that general information regarding the management of impacts to fish and fish habitat and self-assessment tools (e.g. Measures to Avoid Harm) that enable you to determine Fisheries Act requirements are available at DFO's "Projects Near Water" website at www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html. For all occurrence reports, or project proposals where you have determined, following self-assessment, that you cannot avoid impacts to fish and fish habitat, please submit to fisheriesprotection@dfo-mpo.gc.ca. For general inquiries call 1 855 852-8320.

# MEETING MINUTES

| | |
|---|---|
| **PROJECT:** | **MNRF Update Meeting for the Ridge Landfill** |
| **DATE/TIME:** | **September 8, 2016, 9:30 am to 11:00 am** |
| **LOCATION:** | MNRF Aylmer District Office – 615 John Street North, Aylmer, ON |
| **PRESENT:** | Heather Riddell (MNRF), Jason Webb (MNRF), Cara Hernould (MNRF), Dan Bourassa (Dillon Consulting), Megan Bellamy (Dillon Consulting) |

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Ridge EA Project – Status Update

- The Ridge Landfill has been operating since 1966. Progressive Waste Solutions is undertaking an Individual EA to extend the life of the landfill by 20 years. The landfill is set to reach capacity by 2022.
- A number of pre-EA studies were undertaken at the site with a focus on the SW and SE woodlands. These included ELC, botanical studies, bird surveys and bat surveys. During our last meeting with the MNRF in April 2016, we discussed completing bat acoustic surveys in the SE and SW woodlands specific to SAR and determination of significant wildlife habitat.
- From an EA process perspective, the draft ToR was submitted for review and comment and feedback has been received from the MOECC. It is anticipated that the final ToR will be submitted by the end of September 2016.

Overview of Bat Habitat and Species at Risk Bat Activity Monitoring Surveys

- A total of 19 acoustic detectors were installed on site, with 15 in the SE woodland and 4 in the SW woodland. The locations for deploying the detectors were based on snag density results that were completed in 2015.
- The data showed a presence of *myotis* bat species in the SE woodland. No *myotis* species were detected in the SW woodland. These results are similar to those from the mobile acoustic survey completed in July of 2015 during the peak activity period.

Targeted Discussion on Species at Risk Bat Maternity Roost Habitat and Significant Wildlife Maternity Roost Habitat

- Dillon's interpretation is that the SW woodland should not be considered as significant wildlife habitat or SAR habitat due to the lack of passes by SAR bats over the 10 day sampling period, and the small overall number of passes by other species. MNRF agreed with this conclusion.
- Dillon's interpretation is that the SE woodland is both significant wildlife habitat and SAR bat habitat and would need to be subject to an overall benefit permit (C-Permit) under the ESA 2007, if removed. MNRF agreed with this conclusion.
- Bat surveys were also completed in the hedgerows. Of 17 hedgerows studied, 4 had snag trees identified, and a total of 13 trees were identified as being potential habitat trees. These trees were mostly Shellbark Hickory, with some ash species.
- The Aylmer District Protocol is comprised of five steps to determine significant wildlife habitat. Dillon proposes that step 5 does not need to be completed since steps 1-4 have provided sufficient information to determine significant of wildlife habitat. The MNRF agreed with this approach and confirmed that completion of step 5 would not be required. This is due to the understanding that overall benefit to SAR bat species will be achieved in the C-permit for removing the SE woodland.
- MNRF confirmed there is no threshold value to determine significant wildlife habitat based on acoustic survey results and that determination of significance is based on data presented on a case-by-case basis.

Targeted Discussion on Permitting/Approvals under the ESA 2007; Next Steps; and Tree Removal Mitigation Measures and Timing Restrictions

- PWS would prefer to remove the hedgerows as soon as possible. MNRF confirmed they can be removed as long as it is within the timing window that minimizes disturbance to bats (November – April). Dillon to provide a memo identifying the 13 bat maternity roosting trees and the MNRF will provide a Letter to Proponent to PWS allowing the removal of the hedgerows within the timing window. This will be separate from the C-permit for the SE woodland.
- MNRF is unable to confirm timing of permit issuance at this time; however they are discussing this with the Region. The compensation area will be 2:1, so 14 ha of woodland will need to be established. MNRF will be asking the proponent to ensure they have other necessary approvals in place (e.g., municipal) before the Minister signs the permit.
- Should an amendment be needed to a C-permit after it is issued, this would require Minister approval and would be posted for a 30 day comment period. The timing for amendments is scale dependent and determined by the MNRF on a case-by-case basis.

Action Items

| Action | Responsible Party |
|---|---|
| Submit memo identifying bat maternity habitat trees to MNRF. | PWS/Dillon |
| Provide Letter to Proponent permitting | MNRF (after receipt of memo). |

| | |
|---|---|
| removal of hedgerows within appropriate timing windows. | |
| Confirm other approvals that may be required for removal of SE and SW woodlands. | PWS/Dillon |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

**PROJECT:** **Ridge EA - Chatham-Kent Planning Meeting**

**DATE:** **October 6, 2016**

**LOCATION:** Dillon Office, 10 Fifth Street South

**PRESENT:** Bruce McAllister (Chatham-Kent), Marsha Coyne (Chatham-Kent), Cathy Smith (PWS), Karla Kolli (Dillon Consulting)

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Discussion on Planning Act Requirements for the Proposed Expansion

- The purpose of the meeting was to discuss Planning Act requirements and timing.
- PWS noted that studies have been completed to confirm the woodlot habitat and species-at-risk. Meetings have also been held with MNRF. MNRF has agreed to the following:
    - The southwest woodlot is not significant habitat and from their perspective can be removed.
    - Hedgerows are not significant habitat. There are some individual trees within the hedgerows that are significant habitat and MNRF has agreed that compensation for removal of these trees would be incorporated into the permit for the southeast woodlot. MNRF will be issuing a letter to PWS to indicate that PWS can remove the woodlots between the months of November to April.
    - The southeast woodlot is considered significant wildlife habitat and species-at-risk bat habitat. MNRF agreed that an overall benefit permit would be required to remove this woodlot and must include 2 to 1 compensation. They noted that municipal approvals would be required before the Minister would sign the permit.
- Hedgerows are not included in the Chatham-Kent Official Plan or Zoning by-law and thus it was agreed that no municipal approvals are required. PWS noted that they may decide to remove the hedgerows this fall.
- Much of the site is identified as Waste Management Site in the Official Plan. Both the SW and SE woodlots however are designated in the OP as Open Space/Conservation Lands and also identified as Significant Woodland and zoned as Open Space. Amendment to the OP and Zoning by-law will be required for the expansion.
- It was agreed that the studies completed for MNRF would likely be sufficient to meet CK's needs as support for OP and Zoning amendments. PWS agreed to provide these studies, meeting minutes with MNRF, and any other supporting documentation including a compensation plan at the appropriate time.

- PWS expressed an interest in removing the SW woodlot at the same time as the hedgerows were being removed and thus the possibility of amending the OP and Zoning for this woodlot now was discussed. CK planning staff provided the following commentary:
    - Bringing both woodlots forward to Council at the same time would give the opportunity for a clear message that the compensation would result in a greater amount of wooded area overall than what is currently provided by the 2 woodlots. It was suggested that specific information on compensation be provided to Council.
    - Specific information on the rationale for the removal is required in order to provide sufficient information for Council to make a decision and to provide clarity on what the new designation/zone would be. It was suggested that knowledge of the preferred site development alternative would be sufficient.
- CK planning staff noted that the consultation for the required amendments includes two public meetings in addition to the statutory public meeting. It was noted that these can be carried out simultaneous with planned EA consultation.

Action Items

| Action | Responsible Party |
|---|---|
| Provide technical studies and other documentation on woodlots as background for Planning applications. | PWS |
| Coordinate consultation for EA and Planning Act. | PWS/Dillon and Chatham-Kent planning staff. |

*Errors and/or Omissions:* For any errors and/or omissions, please contact Karla Kolli (416-229-4647, Ext. 2354) or kkolli@dillon.ca

**DRAFT MEETING MINUTES**

| | |
|---|---|
| **PROJECT:** | **Ridge Landfill EA – ToR Comments Meeting with MOECC** |
| **DATE/TIME:** | **June 13, 2017** |
| **LOCATION:** | 135 St. Clair Avenue West, 7th Floor |
| **PRESENT:** | MOECC: Carolyn Lee, Dan Delaquis<br>Waste Connections of Canada: Cathy Smith, Lee Wilson, Brian Forrestal<br>Dillon Consulting Limited: Gary Komar, Megan Bellamy |

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Notes

- WCC initiated the meeting thanking the Ministry for their time to meet. As background, WCC outlined how their team has worked with the MOECC from pre-consultation (December, 2015), through draft (June 2016), final (November 2016) and amended ToR (February 2017) in order to prepare a ToR that would receive a positive MOECC staff report to the Minister. Our last correspondence with the MOECC reviewer (Nisha at the time) was in early April 2017. WCC was very shocked to receive the May 31st letter from the Ministry providing unresolved comments, and was hoping the next correspondence would be approval of the ToR given that two months had passed since there had been any questions or communication from MOECC.
- WCC will work collaboratively with the MOECC to move through this process as expeditiously as possible.
- The Ridge is a great project: it is an existing regional landfill in great geology with community and municipal support and which ties in with the Ministry's goals of creating a low-carbon circular economy.
- The MOECC commented that there are other regional landfills in the area and emphasized that the Ridge is the largest landfill in Ontario and has suggested seeking an expansion to the residential service area to all of Ontario. WCC explained that there is a commitment in the ToR to further consider the service area as part of the EA.
- The MOECC wants to see how the project supports the provincial strategy. The MOECC is not able to receive additional information about the ToR within their own timelines which is why they have recommended that WCC withdraw and resubmit the ToR. It was stated that withdrawal and resubmission of the ToR would require another 30 day public comment period.
- WCC indicated that withdrawing the ToR isn't feasible, as the landfill is set to reach capacity in 4 years and there is a significant amount of work to be done before then (i.e.,

the EA work, EPA work and construction). The closure of the Ridge would have serious consequences to WCC's customers, the municipality of Chatham-Kent as well as the province of Ontario. Approximately 3 to 4 million tonnes of waste are being exported to the USA annually. The need for ongoing disposal capacity would be even higher if export were discontinued. WCC indicated that they can respond quickly to the Ministry's comments and that an addendum would be the best path forward. If an addendum is not acceptable to the MOECC, WCC would go through a second amendment of the ToR, which others have done.

- MOECC could not comment on if others had undertaken more than one amendment of the ToR but reiterated that only one timeout was permitted in the process. A request for an addendum or second timeout would have to be reviewed with others at the Ministry.
- WCC and Dillon emphasized that they want to work with the MOECC to navigate this process and would like to know what can be done to help the MOECC finalize the application through to the Minister's office. The meeting turned to discussion on some of the Ministry's comments. WCC explained the three diversion system scenarios (existing diversion system, centralized processing at Ridge for Southern Ontario, centralized processing at Ridge for local markets) MOECC asked for additional study area clarity for the site development alternatives. Dillon explained that there is high confidence in the impact zone for site development alternatives due to decades of operating experience and that the study areas in the ToR take into consideration how the landfill footprint will change.
- MOECC asked what the study area was for the haul route (referring to distance on either side). It was explained that we were considering properties immediately adjacent to the route.
- WCC explained that some of the Ministry's comments would be very easily responded to, such as agreeing to undertake certain studies in the EA. WCC provided the example that they are willing to complete the odour modelling and greenhouse gas emissions estimates as suggested in the Ministry's letter.
- MOECC mentioned their question about the landfill gas project (inclusion in the EA). WCC explained that this facility would be at a location separate from the Ridge. MOECC asked that WCC look at greenhouse gas impacts of the expanded landfill assuming two scenarios: that the landfill gas facility is implemented, and that it is not. WCC explained that there is a commitment in the ToR to consider the landfill gas project as part of baseline EA conditions, should the project be implemented.
- WCC offered to provide a Ridge site tour for the MOECC.
- It was asked if WCC could submit a letter making a case for an addendum or amendment to the ToR WCC and Dillon requested another in-person meeting (in advance of a letter) with the MOECC to walk through their comments and get clarity on what they are looking for and how we would respond. Dan agreed that MOECC would like to see the proposed responses to their questions before agreeing to next steps and a path forward. **MOECC agreed to get back to Cathy in the afternoon regarding meeting times, ideally for next week.**

Action items are identified in **bold**.

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING NOTES

**PROJECT:** **Ridge Landfill EA – ToR Comments Meeting with MOECC**

**DATE/TIME:** **June 21, 2017 10:00 – 12:00**

**LOCATION:** 135 St. Clair Avenue West, 3rd Floor

**PRESENT:** MOECC: Carolyn Lee, Dan Delaquis
Waste Connections of Canada: Cathy Smith
Dillon Consulting Limited: Karla Kolli, Megan Bellamy

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Topics

*Introductions and Purpose of the Meeting*

- WCC thanked MOECC for taking the time to meet.
- WCC would like to get more clarification on the comments in the May 31 letter and would like to understand exactly what is needed so WCC can continue to move forward with the project.
- WCC provided an agenda that outlines each of the comments in the letter.

*Needs and Opportunities Assessment*

- WCC understands there are concerns with the tonnage (the ToR proposes to maintain the current annual tonnage of 1.3 million tonnes per year). The Ridge Landfill accepts the full tonnage amount every year and in fact cannot meet demand; the landfill turns customers away that want to bring their waste to the Ridge.
- The high diversion targets that were used in the needs assessment are very similar to the diversion targets in Ontario's Waste-Free Strategy. When WCC/Dillon re-modelled the need for disposal capacity using the targets and included the approved capacity of the Humberstone Landfill, the results still demonstrated a net deficit of disposal capacity in the province.
- WCC sees the Ridge Landfill as part of the Ministry's plan to have regional landfills in the province. The Ridge has a demonstrated ability to handle 1.3 million tonnes per year and has been operating for over 50 years. Of this 1.3 million tonnes per year, approximately 40,000 tonnes per year is from the residential service area which comprises of Chatham-Kent and the surrounding four municipalities. The IC&I service area of the Ridge (all of Ontario) covers high population growth areas in the province.
- WCC has a strong partnership with Chatham-Kent to help them achieve municipal diversion targets.

- The MOECC encourages WCC to work to create partnerships with their IC&I customers to increase diversion.
- WCC explained that the waste that comes to the Ridge is already segregated – both at source and within a network of transfer stations.
- With the Ridge continuing to be available to accept residual waste here in Ontario, it enables the landfill to potentially take on some of the IC&I waste currently going to Michigan as their existing customers increase their diversion rates. Reducing the quantity of waste that is currently exported and sending it to Ridge allows for reduced waste transportation related GHGs in the province.
- The MOECC commented that proposed new large landfills and landfill expansions should be included in the Needs and Opportunities Assessment. The Minister will be taking a regional approach when considering new applications for expansions or greenfield site development.
- If WCC would like to maintain the current annual capacity of the landfill, a stronger case needs to be made. More discussion is needed about other proposed landfills. WCC asked how this could be implemented as it is unknown how many applications or which applications will be approved by the Minister. The MOECC suggested that the Needs and Opportunities Assessment provide a full context that considers the status of existing large landfills and proposed landfills in the region, incorporates the new diversion targets for the province, waste amounts exported to Michigan, etc. The report should discuss all the variables that helped WCC arrive at their request for maintaining the 1.3 million tonne annual disposal rate for the next 20 years.
- The MOECC mentioned that the Needs and Opportunities Assessment should speak to residential and IC&I waste separately as the service areas differ.
- WCC could indicate in their ToR that the current service areas for residential and IC&I will be maintained but that residential service areas will be re-assessed during the preparation of the EA. The ToR should also speak to how WCC will re-assess the residential service area and determine the potential environmental impacts associated with any changes to the residential service area.

*Alternatives to the Undertaking*

- Dillon commented that the original Consideration of Alternatives To the Undertaking Report used questions from the ToR Code of Practice (CoP) and was reflective of what other waste management companies had done in their ToRs. When the draft ToR was reviewed by the previous MOECC project officer, WCC was asked to revise the criteria, which was done. The criteria were updated to address all aspects of the environment (natural, social, economic, cultural). The revised report was shared with the former project officer. WCC would like to understand where concerns or questions remain regarding their approach.
- The MOECC remarked that Consideration of Alternatives To should present a long list of alternatives (including energy from waste, thermal technologies, diversion, at-source separation, other WCC properties for landfill, etc.). The screening questions listed in the

ToR CoP are intended to "screen out" alternatives that are not reasonable for WCC to pursue from the perspectives of addressing the identified opportunity as well as technical/financial feasibility. The screened short list of "Alternatives To" would then be evaluated against the "Do Nothing" alternative with respect to their potential effects on the environment and their advantages and disadvantages using defined evaluation criteria.

- The MOECC noted that Section 1.1 of the Consideration of Alternatives To the Undertaking Report appears to use the 1997 Ridge Landfill EA as supporting information for limiting the range of alternatives that will be assessed in the new EA. The MOECC stated that 1997 information has to be confirmed as twenty years have elapsed. Dillon explained that the purpose for using the 1997 EA was to provide context about why WCC is not going to look at other sites in 2017. The MOECC suggested that WCC confirm the 1997 methodology and assumptions used for selecting Ridge Landfill as the most suitable landfill site to provide support for expanding the existing site. Dillon noted that the ToR supplementary documentation summarizes how the primary and confirmatory siting analysis was done in 1997. Additional discussion may be required to clarify the approach to reconfirming assumptions from the 1997 EA.
- The MOECC commented that a more detailed description of the types of centralized processing facilities and diversion activities that will be considered as part of the evaluation of enhanced diversion alternatives (i.e., will WCC be constructing a recycling facility at the Ridge, and/or conducting outreach activities?) should be included in the ToR.
- MOECC suggested considering enhanced diversion as a separate Alternative To and carrying forward both enhanced diversion and expanded landfill (in addition to the benchmark "do nothing" alternative) for further assessment in the EA as opposed to including enhanced diversion as part of the landfill expansion alternative. This suggestion would allow for the discussion of the development and evaluation of alternative on-site and off-site diversion methods in a stand-alone section for clarity, in addition to emphasizing WCC's efforts in applying Ontario's Waste-Free Strategy.
- The MOECC commented that the "alternatives to" evaluation criteria should be more specific and reflect the example table provided on page 43 of the ToR CoP which outlines the environmental component, criterion, indicator and data source (i.e. technical studies). Dillon explained that the criteria were developed based on the alternatives being evaluated and that the criteria needed to be at a level where they could create a true comparison between alternatives. Dillon noted that the indicators listed on page 43 of the Code of Practice do not fit with the alternatives being considered as they require physical locations. It was noted that further discussion may be required to determine an appropriate way to modify the Alternatives To evaluation table. (*Post-meeting Note: Criteria and indicators should be developed to assess the potential impacts of the alternatives on the environment. The criteria developed for the evaluation of alternatives to the undertaking may be more general than the criteria developed for alternative methods. Questions related to meeting a need/opportunity, planning objectives and economic feasibility are more appropriately applied to the screening of a long list of alternatives to the undertaking for the purpose of determining the appropriate range of*

*alternatives to consider in the EA. Therefore, the "Potential to Address Need/Opportunity and Provincial Planning Objectives" as shown in Tables 3 and 4 of the amended ToR is a screening level criterion rather than an environmental impact assessment criterion).*

- The MOECC recommended that WCC and Dillon refer to recently approved waste management undertakings and ToRs for examples of elements to include in the Ridge Landfill EA ToR. The most recently approved Capital Region Resource Recovery Centre undertaking comprises of a variety on-site processing facilities (C&D, MRF, Organics, etc.) and focuses on waste diversion prior to landfilling residual waste. Condition #9 of Walker Industries' Southwestern Landfill ToR Notice of Approval requires Walker to "*consider and evaluate alternative methods for separation, at source, at the landfill or by other method, of IC&I waste such as, but not limited to, recyclables and organics that may have other end uses outside of final landfill disposal"* as part of its EA.
- WCC explained that the Capital Region landfill is very close to a large populated area ~700,000 people within a reasonable distance, so it makes sense for them [Taggart-Miller] to propose specific potential diversion infrastructure at the landfill property. In contrast the Ridge Landfill is located in an area of the province where the greater population is much further away. Chatham-Kent itself is only 110,000 people over a fairly large geography.
- WCC explained that Alternative 4 – Expand the Existing Landfill with Enhanced Diversion (the preferred Alternative To) considers where/how to build potential diversion systems based on best fit. Diversion is best when done close to source. In WCC's business model, it makes the most sense to place infrastructure where the waste stream and population are. For example, it doesn't make sense to put a recycling centre at the Ridge and haul recyclables from Muskoka. It makes sense for WCC to look at their system and where they can respond to diversion needs. WCC collectively understands that this is the future and as a business WCC wants to be part of that future.

*Study Areas*

- The MOECC commented in the letter dated May 31 that the rationales for the proposed study areas were not provided in the amended ToR. The MOECC recommended that WCC propose a broader regional study area for the EA, in addition to study areas for the impact assessments with respect to different technical disciplines and the haul route. MOECC provided an example of the preliminary study area map that was included in the Walker's Southwestern Landfill EA ToR.
- WCC noted that the ToR commits to technical disciplines confirming their study areas in the EA. Dillon noted that the study areas were presented during public consultation and no [members of the public] expressed concerns. *(Post-meeting note: Walpole Island and Aamjiwnaang First Nations commented that the off-site study area should be expanded beyond 1km. The MOECC Southwestern Air Quality Analyst also inquired at how the proponent arrived at the 1km air quality impact study area. These comments were resolved with the First Nations and Air Quality Analyst prior to submission of the Amended ToR in February if 2017).*

- Dillon mentioned that WCC commits to identifying the properties on either side of the haul route. The MOECC mentioned that there have been projects in the past where the public has expressed concerns about EA study areas during consultation (with reference to the proposed Ingersoll Southwestern Landfill).

*Leachate Treatment*

- The MOECC would like WCC to evaluate alternative leachate treatment (and associated stormwater management) methods in the EA in addition to confirming the long-term capacity of the Blenheim Waste Water Treatment Plant to accept landfill leachate over the 20 year planning period. The EA should consider leachate treatment alternatives and their effects on the environment.
- WCC committed to looking at the capacity of the plant and 'what if' issues – e.g., climate change etc. This will be done as part of the assessment of leachate treatment in the EA. The consideration of alternatives to the current leachate treatment system will be completed as part of this work during the impact assessment for the preferred site development alternative method.
- The MOECC would like the ToR to include more information on what the leachate study will entail. WCC was also encouraged to add narrative about how leachate treatment may be influenced by the type of waste received at the landfill (i.e., residential waste produces more leachate than IC&I waste). WCC agreed to do this.

*Contaminating Lifespan*

- As part of the evaluation of site development alternatives, the EA will qualitatively discuss the difference in the contaminating lifespan (with respect to leachate and landfill gas). Dillon clarified that quantitative modelling will only be undertaken for the preferred site development alternative method.
- The MOECC would like the EA to include a comparison of the contaminating lifespan if the Ridge were to close when its current approved capacity is reached, and if it were to expand and remain operational for the next 20 years.

*Cumulative Effects Assessment*

- The MOECC requested a description in the ToR of what WCC is going to consider as part of the cumulative effects assessment, as well as how the cumulative effects assessment will be carried out.
- WCC commits to consulting MOECC in the development of a draft cumulative effects assessment work plan.
- The MOECC referenced condition #12 of the Walker ToR approval and suggested that this wording be used in the Ridge ToR.

  This condition includes: *Walker shall also prepare a cumulative effects assessment work pan and implement the following activities:*

  *a) prior to finalizing the cumulative effects assessment work plan, Walker shall be*

*required to consult the MOECC in the development of a draft cumulative effects assessment work plan on the method and how the assessment of cumulative effects should be presented in the EA. Walker shall also consider the guidance document Addressing Cumulative Environmental Effects under CEAA when drafting its cumulative effects assessment work plan. In addition, Walker shall use cumulative effects assessment guidance documents issued by the MOECC in the EA, if and when available.*

*b) Consult with the MOECC on the finalization of the cumulative effects assessment work plan.*

- MOECC is preparing cumulative effects guidance, and mentioned that the federal government is updating their guidance document as well. WCC should use the available cumulative effects guidance information to prepare the work plan and conduct the cumulative effects assessment during the EA.

*Air Quality*

- The MOECC suggested that WCC provide a similar commitment to condition #6 of the Walker ToR approval.

  This condition states: *Consult with the MOECC prior to the finalization of air quality work plans to ensure that the proposed studies will adequately characterize the existing environment, given the potential for cumulative impacts, as well as allow for accurate prediction of impacts during the entire lifecycle of the proposed landfill. This consultation shall include, but not necessarily be limited to the list of species to be monitored, the number and location of monitors to be used and air quality assurance and control procedures. This consultation and subsequent work plans will build upon other studies undertaken in the area by the MOECC, the municipalities and Public Health Ontario. Walker will provide the MOECC with full access to all monitors and will ensure that sampling locations are designed and operated to permit co-located sampling.*
- WCC will commit to consulting MOECC air quality staff to discuss air quality work plan(s) as part of the EA.
- The MOECC requested that the ToR to indicate what compounds will be looked at, what kind of landfill gas emissions will be considered, and annual emission rates. The MOECC would also like to see a commitment to look at GHG emissions as part of the confirmation of WCC's service area expansion (specific to residential waste). This only needs to be completed if residential waste is coming from a broader area than what is currently approved. Consideration of GHGs should also consider the potential need for the removal of trees on the site and should discuss proposed mitigation (i.e., a planting plan).
- Dillon responded that this comment can be addressed by providing a high level work plan as part of the ToR that addresses GHG emissions and includes a broader discussion on how the site footprint will impact GHGs and potential mitigation.
- MOECC mentioned that the GHG assessment could also include an estimation of the

GHG emissions from waste export/transport that would be avoided from the continued operation of the Ridge Landfill as additional support for expanding the site.

*Landfill Gas Utilization*

- WCC explained that the landfill gas facility would be off-site and a third party would have ownership. WCC would encourage the facility owner to use the gas in a way that furthers provincial objectives (i.e., greenhouses, supporting the agri-food industry). WCC is considering a Renewable Natural Gas (RNG) option rather than a grid option and are in the process of doing a feasibility assessment. WCC has agreed that if the landfill gas facility were to proceed, this would be considered as part of baseline conditions in the EA.
- The MOECC indicated that if the biogas facility is not confirmed, WCC will need to consider other alternatives to address landfill gas emissions from the site, other than flaring, in the EA because of Ridge Landfill's size. The EA should identify and evaluate the impacts of landfill gas management alternatives on the environment.

*Next Steps*

- The MOECC recommends that WCC withdraw the amended ToR and submit a new ToR under the new company name/brand. The MOECC considers this to be the best option since it provides a new consolidated document for ministry staff to review. The 12 week regulated timeline would start after the new ToR is submitted.
- WCC asked about the potential for another "time out" to prepare an addendum to the amended ToR. The MOECC indicated that additional "time outs" are not encouraged and that the Canadian Environmental Law Association has written to the MOECC on this matter. The MOECC also mentioned that even if a second time out were permitted, new information would be subject to a 30 day public and agency comment period.
- Dillon asked what constitutes "new information" such that a new ToR would need to be submitted. Dillon is of the opinion that much of what the Ministry has requested is repackaging of existing information and is not new. Dillon commented that the ministry's comments could be addressed quickly either through an addendum to the ToR and/or a commitment table so that everything is in one place. MOECC commented that a new, clean ToR would facilitate the review of the final EA when it is submitted.
- The MOECC mentioned that the ministry's internal review of the new ToR submission may take a shorter timeframe as technical reviewers are already familiar with the proposed project when they review the components with respect to their technical disciplines.
- The next step for WCC is to provide a formal letter to the MOECC responding to the May 31st letter. This letter would speak to how comments will be addressed and should also give potential timing for resubmission.
- The MOECC indicated availability to review draft versions of various ToR components (e.g., Needs and Opportunities Assessment, Alternatives To Report, GHG work plan, etc.).

- Dillon inquired if the MOECC's May 31st letter reflects all of the MOECC's remaining concerns, including those of senior staff. The MOECC responded that the letter details all outstanding concerns.

*The meeting concluded at 12:30pm*

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# MEETING MINUTES

**Subject:** Ridge Landfill – Supporting Document #1 Meeting
**Date and Time:** December 6, 2017 2:30 pm to 3:30 pm
**Location:** Conference Call
**Our File:** 15-2456

## Attendees

| | |
|---|---|
| MOECC | Andrew Evers, Carolyn Lee |
| Waste Connections | Izzie Abrams, Brian Forrestal, Cathy Smith |
| Dillon Consulting Limited | Betsy Varghese |

## Notes

The purpose of the meeting was to go through the file "MOECC Comments on Supporting Document 1 – Purpose/Opportunity Assessment, December 4, 2017". The comment numbers referred to in the meeting notes reflect the comment numbers in the MOECC file.

### Responses/Discussions/Actions for Comments

- Comments 1, 4, 5, 8, 9 and 15 were straightforward and changes will be made as per MOECC's requests in the December 4 file.
- Comment #2 (service area terminology)
    - Provided background on current and proposed service area.
    - ***Action: Remove "proposed" and just refer to as "service area".*** Service area will not be reevaluated in the EA.
- Comment #3 (language used)
    - MOECC requested to keep language in SD#1 as fact-based and about the business opportunity to expand the Ridge landfill (not about all Ontario). ***Action: remove language (e.g., social, untenable, undesirable).***
- Comments #6, 7, 10, 13 and 14 (Figures 7, 9 and 10)
    - Confusion over terminology used (approved annual fill rate versus approved fill area capacity). MOECC is OK with units used (tonnes or cubic metres) to describe remaining landfill capacity.
    - MOECC said that the 2011 large landfill sites data should be OK to use as a starting point for projecting remaining waste disposal capacity within the service area but more recent 2015 large landfill sites data is available upon request to determine the actual rate that waste disposal capacity at large landfill sites is being exhausted. Dillon to decide if data should be updated. ***Action: MOECC to send Dillon 2015 large landfill sites data.***
    - MOECC suggested that the number of graphs in the document be condensed to two. Figures 7, 9, and 10 can be replaced with two graphs (referred to in meeting as 7A and

7B).

- 7a – line with remaining disposal capacity at existing waste disposal sites with a line representing residual waste generation within the service area taking into account the Waste-Free Ontario Strategy interim diversion goals (i.e., current Figure 9); and
- 7b – same as 7a plus one line for all waste disposal facility proposals without the Ridge and another line with all waste disposal facility proposals with the Ridge. The sensitivity analysis on Ontario's interim diversion goals can be left in with greater explanation as to what was incorporated into the analysis.

  - MOECC pointed out that Figure 10 shows that if all proposed waste management projects are approved (including the Ridge Landfill expansion), there will be an over-supply of landfill capacity from 2022 to 2035.
  - MOECC commented that Section 4 uses the term approved capacity incorrectly, since the section is actually referring to the approved "annual waste disposal rate".
  - Remove language that states that all waste management proposals need to be approved.
  - ***Action: Dillon to review updated data, revise graphs and append supporting data and calculations in appendix as indicated above.***

- Comments 11 and 12 (Economic Analysis)
  - MOECC remarked that the economic analysis in Attachment A provides an expert opinion based on the review of numerous information sources which differs from the the waste opportunity study in the BFI 1997 EA and Terrapure's Economic Impact Assessment for the Stoney Creek EA ToR. MOECC suggested that the 1997 EA waste opportunity study can be updated to define the current waste opportunity.
  - Waste Connections offered to invite Dr. Carr to discuss the metholodogy used in the economic analysis with the MOECC.
  - MOECC noted that the economic analysis refers to results from draft SD #1. As the economic analysis is an independent third-party market analysis, it should be prepared without referencing SD #1.
  - ***Action: Waste Connections to request Dr. Carr to update report and remove references to SD #1 in the economic analysis.***

## Timeline of Remaining Deliverables

- Confirmed that SD#1 will be revised as per the above and MOECC's comments and will not be resubmitted to MOECC for review prior to ToR submission.
- SD#2 is being reviewed by MOECC and another conference call with the Waste Connections team will be scheduled to go over SD#2 comments early/mid next week. ***Action: MOECC to provide date/time of meeting as soon as possible.***
- MOECC comments on the draft air quality work plan can be anticipated by Monday, December

11.

- Waste Connections indicated that the ToR will be made available for 30 day public review the first week of January. Waste Connections intends to distribute the ToR to government review agencies by December 22. MOECC advised that there will be a series of administrative tasks to complete in advance of the formal ToR submission. ***Action: Dillon to send Notification of Submission and ToR Summary Form to MOECC as soon as possible.***

## Errors and/or Omissions

These minutes were prepared by Betsy Varghese who should be notified of any errors and/or omissions.

**MEETING NOTES**

| | |
|---|---|
| **PROJECT:** | **Ridge Landfill EA – Supporting Document #2 Comments Meeting with MOECC** |
| **DATE/TIME:** | **December 12, 2017** |
| **LOCATION:** | Conference call |
| **PRESENT:** | MOECC: Carolyn Lee, Andrew Evers<br>Waste Connections of Canada: Cathy Smith, Izzie Abrams, Brian Forrestal<br>Dillon Consulting Limited: Betsy Varghese, Megan Bellamy |

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Notes

The main purpose of the meeting was to go through the table "MOECC Comments on Supporting Document 2 – Alternatives to the Undertaking, December 8, 2017". The comment numbers referred to in the meeting notes reflect the comment numbers in the MOECC table.

*Comments on SD #2:*

- Comment 1: MOECC recommends revising the introduction to highlight Waste Connection's business opportunity to expand the Ridge Landfill and the justification for proposing to prepare a "focused" EA.
- Comment 2: MOECC suggests developing a clear purpose/opportunity statement to facilitate the selection and consideration of a reasonable range of alternatives. MOECC provided an example in the comment table. Dillon will be revising SD#2 to look at alternatives that are within Waste Connections' control and the opportunity to maintain their integrated waste management system.
- Comment 3: Provide more clarity on what do-nothing means (i.e., implications for what do-nothing would mean and how it's not a viable option for the long term – to be carried forward in the EA in terms of evaluation/assessment of environmental effects as the baseline scenario).
- Comment 4: Need to discuss the implications of the various waste export options and provide good justification for why they will not be carried forward based on the business opportunity. Noted that Dillon should take the approach of describing and providing rationale for each alternative in Section 2.
- Comment 5: To provide justification as to why thermal treatment is not a viable business opportunity and alternative for Waste Connections, Waste Connections will include a simplified cost benefit analysis in an attachment to the report. The analysis can reference

the sources used in the Walker Southwestern Landfill ToR but will be tailored to Waste Connections and will include discussion on the following additional reasons why it's not a viable alternative:

1. Suspension of Energy-from-Waste Standard Offer Program in 2016.
2. The proven thermal treatment technology, mass burn, is controversial, all others are unproven and not viable at the scale required (noted the several failed attempts).
3. Thermal treatment runs against government policy, including the Long Term Energy Plan, Climate Change Action Plan and Waste Free Ontario – Building a Circular Economy Act.
4. Building an EFW facility runs contrary to waste diversion infrastructure Waste Connections has built.
5. Waste Connections has a corporate philosophy to not build EFW
6. It is not a core competency within Waste Connection's business.

- Comment 6: MOECC suggested that Waste Connections carry forward some of the waste diversion arguments and commitments noted in Attachment A into the body of SD#2 and discuss if Waste Connections can augment diversion activities at this time. Waste Connections indicated that the company will still need the 1.3 million tonnes of capacity per year even if the Waste-Free Ontario Strategy interim diversion goals are met. Waste Connections is committed to looking at other ways to complement the province's goal of diversion as part of the EA.
- Comments 7 and 8: Dillon will condense Sections 2 and 3 of SD #2 into one section (similar to Walker's approach). Dillon will remove the table in Section 3 and provide a narrative of each alternative to the undertaking. Dillon will remove the discussion on advantages and disadvantages in SD #2 and consider advantages and disadvantages in the EA as they relate to the impact assessment of alternative methods, as well as the advantages and disadvantages of the proposed undertaking relative to "do nothing". The conclusion of SD #2 will state that the expansion of the Ridge Landfill and "do nothing" alternatives will be carried forward in the EA.
- Comment 9: Dillon will refer to the Ridge Landfill's southern and central Ontario service area as "service area" and not "proposed service area" throughout the document.

*Other Items*

- The MOECC will not be reviewing SD #2 again until the final ToR is submitted.
- Air Quality Work Plan – the MOECC Air Quality Analyst memo suggests that baseline modelling may be needed but also acknowledges that there is historical monitoring data from 2014. Dillon will include a commitment in the ToR to consult with MOECC to finalize the air quality work plan for the EA. Dillon will also connect with the Air Quality specialist now to clarify the modeling/monitoring item.
- Comment/tracking table – Need to include air quality comments in addition to all memo comments in the tracking table. All MOECC comments can be compiled into a single table. The tracking table can be included in the RoC.

1. Contaminating lifespan: Waste Connection's response refers to a qualitative assessment of contaminating lifespan – MOECC would like a description of what this will entail. Leachate generation rates – include this when assessing each alternative expansion method and discuss how it will be assessed – include a commitment in the ToR to look at both leachate quality and quantity.
2. Air Quality – explain what qualitative means.
3. GHG emissions – MOECC requested an assessment of the net GHG effects/emissions from the proposed undertaking and what mitigation measures will be implemented, rather than GHG comparisons to regional and provincial targets.
4. Best management practices for mitigating environmental effects should be clearly defined in the EA.
5. LFG utilization – The project team initially proposed that Waste Connections would consider the LFG facility in the EA as part of existing conditions. MOECC clarified that the EA should address alternative design options for LFG for the landfill expansion. The proposed LFG facility shouldn't be considered as an existing condition in the EA.
6. P.12 – comments Alternative 1 and 2 from MOECC's August 23rd, 2017 memo are missing from the table. MOECC mentioned that Dillon can refer to previous responses in the table for comments that have been raised more than once.
7. P.13 – Alternative 5 – remove text that state that during the planning period all planned facilities will be required – remove this type of language as per SD #1 comments.
8. MOECC requested the addition of an extra column to the table to indicate where items are addressed in the ToR to expedite the review process.

- **MOECC to review Waste Connection's Government Review Team (GRT) list and send Dillon the current GRT list today. Waste Connections Project Manager, Dillon and MOECC Project officer will be involved in ToR distribution and notification.**
- **MOECC Project Officer is responsible for reviewing the draft notice of submission and ToR submission form, provide the most recent GRT list, indicate the number of copies for MOECC technical reviewers, and provide covering memos for GRT, Indigenous communities and public review locations. Project Officer will distribute electronic copies of the ToR to MOECC technical reviewers.**
- **Dillon is responsible for confirming the non-MOECC GRT distribution list, number of copies (electronic/hard) for non-MOECC GRT members, attach MOECC covering memos when distributing the ToR to non-MOECC individuals.**
- **Courier delivery confirmation/receipt is required for Indigenous communities.**

Action items are identified in **bold**.

*Errors and/or Omissions:* For any errors and/or omissions, please contact Megan Bellamy (416-229-4647, Ext. 2423) or mbellamy@dillon.ca

# Appendix H

## *Draft Terms of Reference Review Comment and Response Tables*



WASTE CONNECTIONS OF CANADA

**Ministry of the Environment and Climate Change Comments**

**Proposal:** DRAFT Terms of Reference (ToR) for the Ridge Landfill Expansion Environmental Assessment
**Proponent:** Progressive Waste Solutions

| Comment # | Reference to ToR<br><br>Provide the specific volume(s), section(s) and page number(s) | Comments & Rationale<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | Proposed Action/Solution<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | Action Taken by Proponent<br><br>Actions taken/solutions implemented to address noted comments |
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| Cindy Batista, Special Projects Officer, Environmental Assessment Services | | | | |
| **1.** | Acronyms and Definitions | The *Canadian Environmental Assessment Act, 2012* is referenced following the definition for 'Alternative Methods'. Is this meant to be the *Ontario Environmental Assessment Act*? | Please clarify and amend the ToR accordingly. | In the Acronyms and Definitions section, the definition of Alternative Methods was amended as follows:<br>**Alternative Methods –Various ways of carrying out the preferred undertaking that are technically and economically feasible.** The Code of Practice: Preparing and Reviewing Environmental Assessments in Ontario is the source for this revised definition. |
| **2.** | Page vii, Executive Summary | The ToR states that the Landfill Site area is approximately 262 hectares (ha) and it will increase to approximately 340 ha should the Minister approve the proposed undertaking. For clarity, please confirm the size of the Ridge Landfill site/property. It is understood that the expansion would not result in any further land acquisition. | Please confirm and amend the ToR accordingly so it is clear that the expansion to increase the existing landfill will be accommodated on the existing Ridge property and not require further land acquisition. | Expansion would not result in further land acquisition. The following has been added to the Executive Summary to provide clarification:<br><br>**PWS owns 340 hectares (ha) of land at the Ridge Landfill. The existing Landfill Site Area, which is permitted by the Environmental Compliance Approval (ECA) from the MOECC for waste management and environmental work purposes, is 262 ha.**<br><br>**The proposed Project would see the Landfill Site Area increase from 262 ha to up to 340 ha (the total area of PWS-owned lands at the Ridge).** |
| **3.** | Page viii, Executive Summary | Fourth paragraph states that the ToR requires approval from the 'MOECC'. The ToR requires approval from the Minister of the Environment and Climate Change. | Please amend ToR accordingly. | The sentence now reads - **The ToR requires approval by the Minister of the Environment and Climate Change.** |
| **4.** | Page 3, Section 1.2 | The ToR states that the South Landfill and the Infill Area have not been developed; however it is expected that work will begin to develop the South Landfill in 2016. Approximately how much waste can be deposited at the South Landfill and Infill Area and how will it take to fill. | Information Request: Please provide this information as part of your response to the comment. | Construction of the first cell of the South landfill began in the summer of 2016 and will be completed in December 2016. Other cells will be constructed over the next few years.<br><br>The approved capacity of the South is 4,203,000 $m^3$. Assuming a density of 1 $t/m^3$ and 1.3M tonnes/year, it will take approximately 3 years and 3 months to fill the South Landfill. |

| Comment # | Reference to ToR<br><br>Provide the specific volume(s), section(s) and page number(s) | Comments & Rationale<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | Proposed Action/Solution<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | Action Taken by Proponent<br><br>Actions taken/solutions implemented to address noted comments |
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| | | | | The approved capacity of the Infill Landfill is 689,000 $m^3$. Assuming a density of 1 t/$m^3$ and 1.3M tonnes/year, it will take approximately 6 months to fill the Infill Landfill.<br><br>For clarity, the West mound is currently being filled and will also continue to be filled into 2018. |
| **5.** | Page 8, Section 2.2 | The ToR addresses climate change by explaining mitigation measures with reference to the *Climate Change Mitigation and Low-carbon Economy Act*, however, adaptation measures are not mentioned in this section. | As per the CoP (Section 5.2.6 subsection Potential Effects), please amend the section to also include adaptive planning measures for the potential effects of climate change on the undertaking. | The following was added to Section 2.2:<br><br>**The EA will also consider how changing climate has the potential to impact the Project and how adaptive measures can be incorporated into the site design. This will be explored, specifically as it relates to the potential for extreme weather events to impact waste management infrastructure through power outages, physical damage, stormwater management systems and reduced access to the site.** |
| **6.** | Page 9, Section 2.3 | Although the ToR includes provisions for flexibility regarding studies to be carried out, evaluation criteria and how they may change in the EA, etc. The document should also include a statement that the information provided in the ToR sets out the minimum requirements for the EA. The information presented in the ToR is preliminary, and will be confirmed during the preparation of the EA in consultation with the public, Indigenous communities and government. | Please amend the ToR to include a statement that information presented in the ToR is preliminary and will be confirmed during the preparation of the EA in consultation with the public, Indigenous communities and the government. | The following sentence was added to Section 2.3:<br><br>**The information presented in the ToR is preliminary and will be confirmed during the preparation of the EA in consultation with the public, Indigenous communities and the government.** |
| **7.** | Page 10, Section 3.1 | As per Section 5.2.3 of the Codes of Practice: Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario, January 2014 (CoP), the ToR document should include a statement that the proponent will refine the purpose statement if required through the planning process, and present the final statement in EA. | Please amend your ToR to include this statement, as per the CoP. | The following sentence was added to Section 3.1:<br><br>**If required through the planning process, PWS will refine the purpose statement and present the final statement in EA.** |

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| **8.** | Page 12, Figure 7 in Section 3.2.1) | It is not clear what Figure 7 is intended to demonstrate. For the purpose of making the ToR readable and clear for all public, Indigenous and agency reviewers, all descriptions and figures should be easily understood. | Please amend this figure in the ToR to provide a more detailed and clear explanation of what the figure is trying to convey. | The legend in Figure 7 was revised and text (shown in bold) was added to Section 3.2.1 to clarify the figure.<br><br>As shown in Figure 7, the projected need for residual waste disposal and the capacity to manage that waste are relatively consistent until approximately 2022 when the Ridge Landfill is currently expected to reach capacity **and thus would be closed. Following closure of the Ridge, there is a significant drop in the available landfill capacity such that sufficient capacity may not be available to meet the projected waste disposal need for southern Ontario.** |
| **9.** | Page 13, Section 3.3 | As per Section 5.2.4 of the CoP, the ToR should state that the final description of the proposed undertaking and rationale will be confirmed in the EA once alternatives have been considered and evaluated. | Please amend your ToR to include this statement, as per the CoP. | Following sentence added:<br><br>**The final description of the proposed undertaking and rational of the project will be confirmed in the EA once alternatives have been considered and evaluated.** |
| **10.** | Page 13, Section 3.3 | The ToR states that the expansion will maintain the current annual fill rate of 1.3 million tonnes; yet, the residential service area is changing to all of Ontario. Can you please explain how the change in service area is not increasing/effecting your annual fill rate? | Please describe why the change in service area does not impact your current annual fill rate. Please include this discussion/description in an amended ToR document. | Following text was added in Section 3.3:<br><br>**It is noted that although the residential waste service area is proposed to expand to all of Ontario, the intent is to maintain the tonnage of waste received annually. As per the current Environmental Compliance Approval (ECA) for the Ridge Landfill, the annual fill rate at the Ridge Landfill is 1.3 million tonnes. Thus, the purpose expansion would increase the lifespan of the Ridge Landfill beyond 2022 to 2041 and provide flexibility to accept other waste within the annual fill rate should current IC&I volumes to the site be reduced over the future lifespan of the facility.** |
| **11.** | Pages 14 to 26, Section 4 | As per Section 5.2.6 of the CoP, the ToR should include a statement that the proponent will provide a final detailed description in the EA. | Please amend Section 4 of your ToR to includes this section as per the CoP. | Following sentence added in Section 4.0:<br><br>**The final detailed description of existing conditions will be provided in the EA based on technical work that will be completed as noted in Section 4.5 and in the technical work plan summaries included in Appendix A.** |

| Comment # | Reference to ToR<br><br>Provide the specific volume(s), section(s) and page number(s) | Comments & Rationale<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | Proposed Action/Solution<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | Action Taken by Proponent<br><br>Actions taken/solutions implemented to address noted comments |
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| **12.** | Page 14 to 26, Section 4 | As per Section 5.2.6 of the CoP, the ToR should include a list and brief description of the tools that will be used to provide a more detailed description of the environment in the EA. The CoP also states that the list should not prevent the proponent from undertaking additional work in the EA to support the description of the environment. This intention should be made clear in the ToR. Although Appendix A describes the work plans, this information should be summarized in the actual ToR document. | Please amend Section 4 of your ToR to include the requirements to add a list and description of tools used in the EA to describe the environment in detail. Also include a statement that the list is not inclusive and may require the proponent to undertake additional works, as per section 5.2.6 of the CoP. | A new section, Section 4.5, has been added with the following introductory text:<br><br>**Several technical studies will be conducted during the EA to confirm existing environmental conditions, support the evaluation of site development alternative methods and to identify and mitigate potential effects. The planned studies to be conducted during the EA process are noted in Table 2 with further details included in the technical work plan summaries provided in Appendix A. These studies will inform the final description of the environment which will be provided in the EA. It is noted that additional studies may be required. It is noted that additional studies may be required.** |
| **13.** | Page 14 to 26, Section 4 | As per section 5.2.6 of the CoP (page 40), the proponent should also consider whether there could be environmental effects resulting from effects of the proposal combined with effects of other past and future undertakings. | Please amend this section of your ToR to include a commitment that the EA will consider environmental effects of past and future undertakings as a result of this proposal. | Following sentence added in Section 4.0<br><br>**The EA will consider environmental effects of past and future undertakings as a result of this proposal.** |
| **14.** | Page 27, Section 5.1, Table 2 & Supporting Documentation 2: Consideration of Alternatives to the Undertaking | As per section 5.2.5 of the CoP, the questions listed on page 32 that are to be considered in the EA, are not intended to be used by proponents to identify the preferred alternative. Furthermore, this same section of the CoP states that decisions that lead to focusing of alternatives need to be documented and need to demonstrate the consideration of key environmental factors, including consultation. Page 36 of the CoP also states that should the proponent chose to focus the alternatives, the proponent needs to document the decision making process that included consultation with interested persons on the criteria and assessment to identify a more limited scope of alternatives to and this is fully documented the supporting documentation. The ToR nor Supporting Documentation 2 does not sufficiently document the decision making process used to focus alternatives to Assessment. In addition, the alternative to evaluation method did not list the criteria/indicators used and it did not assess all impacts on the environment (heavily | Please amend this table to include both criteria and indicators when assessing the alternatives 'to'. Note that *all* topics under the definition of the environment should be included as criteria topics (i.e. natural environment, where at a minimum, biology, and geology/hydrogeology are examined, and socio-economic environment, where agriculture, archaeology, land-use etc. are examined). For further detail on the definition of the environment please see section 5.2.6 of the CoP.<br><br>Please provide additional supporting documentation to support the ToR that the decision making process used to focus the alternatives to considered consultation with interested persons on the criteria and assessment to identify a more limited scope of alternatives to. | Section 5 of the TOR has been amended to provide clarity on the evaluation of 'Alternatives to'. In particular, evaluation criteria and indicators reflecting the full definition of the environment have been added and used to comparatively evaluate the alternatives to considered. These changes are also reflected in Supporting Document 2: Consideration of Alternatives to the Undertaking.<br><br>The following has been added to Section 2 of the Supporting Document to explain the consultation on 'Alternatives to':<br><br>**Stakeholders had the opportunity to review and provide input on the identification and evaluation of Alternatives through two Open Houses held on May 3rd and June 28th and the review of the draft Terms of Reference. Display material at both Open Houses included a panel on alternatives to expansion. No comments on the alternatives were received.** |

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| | | stressed the socio-economic aspect without addressing the natural environment). | | |
| **15.** | Page 31, Section 5.4 | As per section 5.4.7 (page 44) of the CoP, the evaluation process for alternative methods needs to include the following:<br>Potential environmental effects;<br>Impact management measures;<br>Net effects;<br>Advantages/disadvantages<br>Step 3 of the alternative methods evaluation does not state that the evaluation will assess the advantages and disadvantages of the alternative method. | Please amend the ToR document to include a statement that the evaluation method for will also assess the advantages and disadvantages. | It was clarified with MOECC that the wording in the Draft Terms of Reference relating to advantages and disadvantages was sufficient. No change to the Terms of Reference was required. |
| **16.** | Page 34, Section 5.4.1.2, Table 3<br><br>Page 37, Section 5.4.2.2, | Section 5.2.7 of the CoP requires proponents to provide sufficient information about the criteria, indicators, and methods. The ToR should also indicate how they were developed to ensure that they are understood by the public so that they may be able to provide informed comments.<br><br>Table 3 only looks at three criteria groups for alternative methods for the Resource Recovery System and does not provide sufficient rationale for why other criteria (i.e. natural environment) are not considered. Furthermore, as required in the CoP, each criterion should have one or more indicators that will identify how the potential environmental effects will be measured for each criterion. The ToR should also state the potential data sources for the criteria and indicators. This is not presented in Table 3 or in Table 4.<br><br>Table 4 criterion was not inclusive for all aspects of the environment (i.e. geology, hydrogeology, and surface/groundwater). | Please amend Table 3 to include criteria, indicators and data sources for all aspects of environment for alternative methods for the Resource Recovery System. Also discuss in detail how they were developed and provide sufficient rationale for why other criteria are not considered. | In the Draft ToR it was noted that Table 3 and Table 4 only included criteria that would help distinguish a difference between alternatives. To address this comment we have revised these tables to ensure they reflect all aspects of the environment. Indicators and data sources have also been added. |
| **17.** | Page 35, Section 5.4.2.1 | It would be helpful to the readers, if the ToR numbered the alternative methods for landfill site developments, similar to the alternative methods for resource recovery system on pages 33 to 34. | It is recommended for clarity and readability, the ToR be amended to number the alternative methods for landfill site developments. | It was clarified with MOECC that the site development alternative methods were not numbered since the ToR presented components of alternative methods rather than the actual alternatives themselves. MOECC confirmed that numbering the alternatives was presented as a suggestion. |

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| | | | | No change was made to the Terms of Reference. |
| **18.** | Page 51, Section 7 | Although the ToR states that the EA will include a comprehensive list of commitments made, it should also include a statement that will describe where and how they were addressed in the EA, as per the section 5.2.8 of the CoP.<br>The CoP also requires proponents to include commitments relating to documentation and correspondence.<br><br>This section of the ToR should also include a commitment to make the draft EA available for public, Indigenous and agency review and comment before the final EA is submitted. At minimum the comment period should be 45 days. | Please amend Section 7 of the ToR to include the commitments listed in the 3rd column. | Section 7 of the ToR was amended to add to the list of commitments as shown in bold:<br>• "Ongoing consultation with landfill neighbours and stakeholders, **agencies and Indigenous communities**.<br>• **Minimum of 45 days review and comment period for public, Indigenous communities and agencies for the draft EA document.**<br>• **Documentation of all correspondence and input received**. |
| **19.** | Page 40, Section 6.1.1 and Section 4.0 of the Record of Consultation | Section 3.4 of the CoP, states that the ToR should identify any Indigenous claims or interests potentially affected by the undertaking during the development of the ToR. There is no statement on the nature of the established Indigenous or treaty right that were identified as potentially being negatively impacted by the project. | Please amend the ToR to include a statement on the nature of the established Indigenous or treaty right and identified as potentially being negatively impacted by the project. | The following sentence has been added to Section 6.1.1:<br><br>**After a thorough review, it has been determined that the project falls within the McKee Treaty (1790) and all claims by area First Nations have either been dealt with or have been surrendered at the time of treaty signing. The existence of a Métis claim of rights in southwestern Ontario has not met with any success in the courts.** |
| **20.** | Pages 139 of 212, Record of Consultation – Appendix F | In the review of the copies of correspondence sent to Indigenous communities, it appears that Walpole Island may have not received a letter dated April 18; however it appears that they did receive a letter dated May 11. | Please confirm and provide a copy of correspondence dated April 18th addressed to Walpole Island. | A copy of correspondence dated April 18, 2016 addressed to Walpole Island has been added to the Record of Consultation Appendix. |
| **21.** | | Both Caldwell First Nation and Walpole First Nation had requested face to face meetings on June 27th and June 28th, 2016. | Please provide a status of whether the meetings with these two communities occurred and if so, please provide an updated consultation record to reflect the discussions as they relate to the EA process for the proposed project. | The following text has been added to the Record of Consultation to summarize the Indigenous community meetings held. Meeting notes have been included in the Record of Consultation Appendix F.<br>• **June 27, 2016 meeting with Caldwell First Nations: An overview of the Project was provided. The Caldwell First Nation and PWS discussed the stormwater management facility that would be sized during detailed design phase of the project including the controlled runoff of surface water into five ponds and the treatment of water prior to release. Potential sponsorship and employment opportunities for Caldwell citizens were also discussed. Interest was** |

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| | | | | **expressed in a tour of the Ridge Landfill.**<br>• **June 28, 2016 meeting with Walpole Island First Nation (WIFN): An overview of the project was provided. WIFN emphasized the importance of maintaining hunting and fishing rights, as well as their interest in having a partnership role in the project. WIFN noted that they have some in-house data that could be used to assess potential impacts from the Project. A representative from the WIFN attended the second Open House on June 28, 2016.** |
| **22.** | Record of Consultation | Although this documentation lists all interested persons, stakeholders, and government agencies consulted during the ToR development process, and it does not go one step further to explain why they were identified. | Please amend the Record of Consultation to explain how interested persons, stakeholders and government agencies were identified. | Section 2.1 of the Record of Consultation outlines how the contact list was developed. It was confirmed with MOECC that changes were not required to address this comment. |

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**Ministry of the Environment and Climate Change Comments**

**Proposal:** DRAFT Terms of Reference (ToR) for the Ridge Landfill Expansion Environmental Assessment
**Proponent:** Progressive Waste Solutions

| Comment # | Reference to ToR<br><br>Provide the specific volume(s), section(s) and page number(s) | Comments & Rationale<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | Proposed Action/Solution<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | Action Taken by Proponent<br><br>Actions taken/solutions implemented to address noted comments |
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| **Rick Li, Senior Waste Engineer, EAB** | | | | |
| 1 | Page 10, S. 3.2 Rational for the proposed project, and Supporting Document 1 – Needs/Opportunity Assessment | With the passage of Waste Free Ontario Act, and the Strategy to be implemented, the waste diversion rate is expected to increase substantially for the proposed project period. Therefore the projected diversion rates assumed to forecast waste quantity shall be adjusted. In addition, the estimated available disposal capacity does not include other major proposed facilities currently in environmental approval process (e.g., the Walker Southwestern Landfill in Oxford County). | The Needs/ Opportunity assessment shall be updated with the consideration of the newly passed Waste Free Ontario Act, and to account for the available disposal capacity that is currently in planning. | Based on this comment and further discussion with MOECC on September 26th it is understood that no specific diversion rates associated with the *Waste-Free Ontario Act* are available at this time. The following changes have been made to the ToR to clarify the rationale for the project and reflect that potential impact of the *Waste-Free Ontario Act*:<br>• Clarification on the rationale for the project was provided in Section 3 of the ToR. Specifically the following text was added and additional support for each point provided: **The Project is driven by two core needs:**<br>  ○ **The need for PWS to continue to service its existing and future customers; and**<br>  ○ **The need for additional waste disposal capacity in Ontario.**<br>• Information on the anticipated disposal need was expanded to add consideration of the high diversion scenario. This was shown on Figure 7 and text was added as shown in bold.<br>  ○ The moderate diversion scenario assumes that there will be moderate residential and IC&I diversion rates (i.e. residential waste diversion will increase from 44% in 2010 to 55% in 2041, whereas IC&I waste diversion will increase from 11% to 35%). **The high diversion scenario is likely more reflective of implementation of the Waste-Free Ontario Act (i.e. a residential waste diversion increase from 44% in 2010 to 65% in 2041, and IC&I waste diversion increase from 11% to 60%).**<br>• The following sentence was added to clarify that the need for disposal was influenced by decisions made regarding export: **If the quantity of waste exported to the US were to decrease, a dramatic increase in the need for waste disposal capacity in Ontario could result.**<br>• The following sentence was added to reflect the potential for increased future diversion: **It is recognized that the actual amount of disposal capacity that will be required for southern Ontario is dependent upon the level of diversion that is achieved through new Regulations under the *Waste-Free Ontario Act*.** |

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| | | | | Based on discussion with MOECC on September 26th, it is understood that the MOECC comment to include other proposed landfill facilities was offered as a suggestion. After consideration PWS has elected to make no change to the ToR. It is our opinion that including facilities in their planning stages would prejudge the approval process and thus may not result in an accurate picture of available capacity. Including only approved facilities provides a more conservative picture of the amount of available capacity. |
| 2 | Page 13, S 3.3 Description of the Proposed Project | The proposed site expansion would maintain the current annual fill rate of 1.3 million tonnes. It will also add resource recovery at the site, which would result in increase of the incoming waste quantity. However the capacity for resource recovery is not specified. | Please clarify whether the quantity for proposed resource recovery is included in the total annual fill rate. In case the total incoming waste rate is to increase, details shall be included in public consultation and traffic study. | The quantities associated with resource recovery are not included in the annual fill rate of 1.3 million tonnes. The ToR has been revised to clarify that the EA will consider potential resource recovery alternative methods at a systems level (see comment 3 below). |
| 3 | Page 32, S.5.4.1.1 Identification of Resource recovery system alternatives | The resource recovery system alternatives lack details as for the processes to be employed, as well as the capacity, site area and location, etc. | The resource recovery system should be more elaborated during the EA process. Details regarding the capacity, the processes, the locations and area should be included. | As noted above, the ToR has been revised to clarify that the EA will consider potential resource recovery alternative methods at a systems level. In Section 5.2.1.1, the following has been added to introduce the resource recovery alternative methods:<br><br>**PWS is committed to the diversion of waste from disposal and as such plan to include an expanded public drop-off area at the Ridge Landfill site to divert additional recyclable materials. The public drop off could include materials such as household hazardous waste, electronic wastes and other recyclable materials as designated by the Province. PWS is also committed to continued collaboration with the Ridge Landfill host community of Chatham-Kent to develop partnership opportunities to support their municipal waste diversion targets. Chatham-Kent currently operates eight (8) transfer stations that receive large item waste, regular waste, recyclables, appliances, scrap metal, and electronics.**<br><br>**It is anticipated that there will be other future resource recovery opportunities resulting from the Waste-Free Ontario Act potentially including organics composting, construction and demolition waste and other materials. Three systems alternatives will be considered in the EA to accommodate additional resource recovery opportunities that are technically feasible and economically viable for PWS. These could be provided at the Ridge or at other PWS facilities. Decisions regarding the implementation of future diversion facilities are contingent upon customer needs and compatibility with existing operational facilities.** |

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| 4 | Page 36, S.5.4.2.1 Identification of Landfill site development alternative methods | For the preferred lateral landfill area expansion option, it is indicated that the leachate collection system would be connected to the existing system on site. Since the leachate is currently sent to municipality waste water treatment plant, the long term capacity for leachate disposal should be verified. | During the EA process, the options for long term leachate disposal for the collected leachate from the site should be assessed. | We **confirm** that long term leachate disposal including the capacity of the wastewater treatment facility will be considered in the EA. The following sentence has been added to Section 5.2.2.1:<br><br>**An assessment of the existing leachate management system, including the Blenheim Waste Water Treatment Plant and associated piping, will be undertaken to confirm sufficient capacity for leachate management from an expanded landfill.** |
| 5 | Appendix A Technical work plan summaries | The Design and Operations Report should also include components for Storm Water Management and Site Traffic, although there will be separate study reports for these disciplines. | For a completed Design and Operations report, Storm water management and site traffic management should be included. | Stormwater management and site traffic management will be included in the Design and Operations Report. Appendix A, Technical work plan summaries have been adjusted to reflect this. |

Please return this table in both PDF and Word formats.

**Ministry of the Environment and Climate Change Comments**

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| **Tammie Ryall, Environmental Planner/Regional EA Coordinator, Air, Pesticides and Environmental Planning, MOECC Southwestern Region** | | | | |
| 1. | Executive Summary, page vii | The third paragraph states that the proposed Project would see the Landfill Site Area increase from 262 ha to up to approximately 340 ha, allowing for an additional 26 million tonnes of capacity.<br>Although this statement may be factually correct, it is somewhat confusing as it could be interpreted that the landfill is proposed to be expanded into the surrounding agricultural area. It is suggested that a sentence be added to state that there is sufficient room on the 340 ha Ridge Landfill property to accommodate an expansion. | Amendments to paragraph 3, Executive Summary. | The expanded Ridge Landfill would continue to provide long-term disposal capacity to serve the growing population and economy in the province of Ontario. The proposed Project would see the Landfill Site Area increase from 262 ha to up to **340 ha (the total area of PWS-owned lands at the Ridge)**, allowing for an additional 26 million tonnes (30.6 million m3) of capacity. The annual waste fill rate would remain the same at 1.3 million tonnes annually. |
| 2. | Section 3.3, Description of the Proposed Project. | The first sentence states that PWS is proposing to expand the Ridge Landfill to meet the long term disposal needs of Ontario's growing population and economy. Similar to the comment above, it is suggested that a statement be added that there is sufficient room on the 340 ha Ridge Landfill property to accommodate an expansion. | Amendments to Section 3.3. | PWS is proposing to expand the Ridge Landfill to meet the long term disposal needs of Ontario's growing population and economy, while continuing to serve its customers with full waste management services, including opportunities that will evolve to increase waste diversion to support the recently passed *Waste-Free Ontario Act*. **The proposed expansion can be accommodated on the PWS-owned lands at the Ridge.** |
| 3. | Section 4.4.1.1 Biology | The Environmental Assessment Report should describe the low forest cover (4%) in the Municipality of Chatham-Kent, as a whole. The Chatham-Kent Official Plan, Section 4.2, describes the low forest cover in the municipality. It states:<br>"Forest cover in Chatham-Kent is extremely low (approximately 4% of the total land area) including Wheatley, Rondeau and Clear Creek Forest Provincial Parks and the Moraviantown First Nation Reserve. This number is significantly less than pre-settlement and well below the Environment Canada Draft Framework Guideline of 30%."<br>The potential removal of mature woodlots in a municipality with low forest cover needs to be mentioned in the T of R and carefully analyzed in the Environmental Assessment Report, as the retention of mature woodlots can play a role in capturing and storing carbon emissions | Changes to Section 4.4.1.1. of the T or R, or other appropriate Section, to acknowledge that there is a low forest cover in the municipality as a whole and that the retention of the mature woodlots needs to be carefully analysed in the EA process. | **There are three woodlots located in the southwest**, southeast and northern **portions of** the property. An ecological land classification study completed in 2015 identified seven natural vegetation communities within these on-site woodlots. All three woodlot areas primarily consist of deciduous trees. The majority of the northern woodlot is dominated by Freeman's Maple (*Acer xfreemani*), White Elm (*Ulmus americana*), Shagbark Hickory (*Carya ovata*) and Green Ash (*Fraxinus pennsylvanica*). The southeast woodlot has a similar composition, but with the inclusion of a small thicket area dominated by Gray Dogwood (*Cornus racemosa*). The southwest woodlot showed signs of impact by Emerald ash bore (*Agrilus planipennis*) and is considered less robust than the other two woodlots.<br>**It is understood that forest cover in the Municipality is considered low (4% of total land area) and is considerably** |

| Comment # | Reference to ToR<br><br>Provide the specific volume(s), section(s) and page number(s) | Comments & Rationale<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | Proposed Action/Solution<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | Action Taken by Proponent<br>Actions taken/solutions implemented to address noted comments<br>(revised wording to be added to the ToR is shown in **bold**) |
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| | | and thereby mitigate the effects of Climate Change. The EA should consider if retention of the woodlots is feasible. | | **lower than Environment Canada guidelines (30%) as noted in the Chatham Kent Official Plan. Although the Municipality's Official Plan notes that agriculture remains the primary pressure on such natural heritage features, retention of mature woodlots will be carefully considered during the EA process.** |
| 4. | Section 4.4.2.4, Land Use, page 25. | Section 4.4.2.4 should mention that there is an entire Section of the Official Plan devoted to the Ridge Landfill (Section 2.4.12) which includes policy direction on expansion of an existing waste management use. In addition, there is an agricultural buffer designation on a portion of the Ridge landfill lands. | Amend Section 4.4.2.4 accordingly. | The Ridge Landfill property is located in the community of Harwich Township in the Chatham-Kent Official Plan. **The Municipality's Official Plan includes land use policies specific to the ongoing operation, potential expansion and closure of the Ridge Landfill.** The Waste Fill Area falls under the *Waste Management Area* land use designation, which allows disposal of non-hazardous waste only. The current landfill site area is bounded on three sides by lands under the *Agriculture/Buffer Area* designation, which allows for agriculture, farm-related industrial and farm-related commercial uses and accessory uses. **A small portion of the Ridge Landfill site property is designated *Agricultural*.**<br><br>Portions of Erieau Road, Drury Line and Communication Road between Allison Line and Highway 401 fall under the *Waste Management Truck Route* Official Plan land use designation, also known as *Ridge Landfill Truck Route* in Official Plan schedules.<br><br>**Official Plan policies indicate that in order to seek expansion of a landfill on lands under the above designations, the operator must demonstrate, in a manner satisfactory to the Municipality, that the design capacity of the existing landfill site will be reached within 10 years. This information was presented to the Municipality of Chatham-Kent. Furthermore, any expansion of an existing waste management use or establishment of a new use can only take place on lands zoned to permit those uses.**<br><br>Portions of the site (the three woodlots) are regulated under the *Open Space Zone* OS1-105 designation, which permits open space, private recreational uses, forestry and fisheries, conservation, and preservation of wildlife and fisheries.<br><br>The surrounding area is designated *Agricultural*, which permits |

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| | | | | typical agricultural and farming uses. |
| 5. | Section 5.4, page 31 | The disposal of landfill leachate is not discussed in the Terms of Reference. Minutes of the December 16, 2015 meeting with MOECC staff indicated that the leachate from the existing facility is piped to the Blenheim wastewater treatment plant. It is not known what the capacity is of the pipes and wastewater treatment plant to accommodate further wastewater from the expanded landfill. | The Terms of Reference should detail how the impact of leachate from the expanded landfill site will be studied/assessed. The ToR should include the commitment to assess if the pipes and the Blenheim wastewater treatment plant have the capacity to process further wastewater from the expanded landfill, if piping the leachate to the Blenheim wastewater treatment plan is the recommended approach. | New waste cells would include a leachate collection system and landfill gas management system that meets *Ontario Regulation 232/98*. The leachate collection system and landfill gas management system would be connected to the existing systems on-site.<br><br>**An assessment of the existing leachate management system, including the Blenheim Waste Water Treatment Plant and associated piping, will be undertaken to confirm sufficient capacity for leachate management from an expanded landfill.**<br><br><u>Appendix A (Design & Operations Report)</u><br>The report will follow *Ontario Regulation 232/98* and the *Landfill Standards* published by the MOECC in January 2012. The report will address the following key components:<br>• Regulatory and approval requirements;<br>• Estimated waste characteristics and quantities to be accepted;<br>• Site development plans and details, including limits and contours;<br>• Landfill capacity and soil balance;<br>• Landfill development sequencing;<br>• **Leachate management, including an assessment of the capacity of the existing Blenheim Waste Water Treatment Plant;**<br>• Landfill gas management;<br>• Design and operation assumptions for the Ridge Landfill site;<br>… |
| 6. | General Comment | The ToR should reference the land use compatibility policies of the Provincial Policy Statement and the MOECC's Land Use Planning Guideline D-4. Guideline D-4 outlines the Ministry's expectations for land use control in the periphery of landfill sites. The peripheral areas to the landfill site deemed to be affected (such as a Contaminant Attenuation Zone) may need to be identified in the Official Plan. The existing agricultural buffer area in the Official Plan may be related to land use compatibility. | Amend the ToR to reference the land use compatibility policies of the Provincial Policy Statement, and the D-4 Guideline. | <u>Section 2.2.1 (Provincial Land Use Planning Policy)</u><br><br>**The Province has also developed a series of land use policies specific to waste management uses. The Provincial Policy Statement, 2014 (the PPS) points out the need for waste management systems of an appropriate size and type to accommodate present and future requirements, and facilitate, encourage and promote reduction, reuse and recycling objectives. The PPS** |

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| | | | | **dictates that waste management systems be located and designed in accordance with provincial legislation and standards, and directs planning authorities to consider the implications of development and land use patterns on waste management and diversion.**<br><br>**The MOECC provides guidance by way of the "D-4 Land Use On or Near Landfills and Dumps" land use guidelines. These guidelines apply to all proposals for land use on or near any landfill which contains municipal solid waste, industrial solid waste and/or sewage sludge. The guidelines direct that several factors must be considered when land use is proposed near an operating landfill site. These include, but are not limited to, water contamination by leachate, odour, litter, dust, noise, surface runoff and landfill-generated gases. These will be considered as part of the technical studies completed as part of the EA.**<br><br>**The MOECC guidelines dictate that no land use may take place within 30 m of the perimeter of the fill area, and that land use be studied within 500 m of that perimeter (or beyond in cases where significant impacts are expected to be encountered at or beyond that distance). The impact study areas are discussed in Section 4.3.** |

Please return this table in both PDF and Word formats.

**Ministry of the Environment and Climate Change Comments**

**Proposal:** DRAFT Terms of Reference (ToR) for the Ridge Landfill Expansion Environmental Assessment
**Proponent:** Progressive Waste Solutions

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| **Enoch Tse, P.Eng, Senior Noise Engineer** | | | | |
| 1 | General Noise review | The draft ToR does not list the relevant noise guidelines and documents that will be used to prepare the noise assessment. | The following documents need to be part of the operational and construction requirements of the project:<br><br>1. Construction Noise:<br>a. MOECC Publication NPC-115, “Construction Equipment”;<br>b. MOECC Publication NPC-118, “Motorized Conveyances”; and<br>c. any applicable municipal noise by-laws.<br><br>2. Construction Vibration:<br>a. MOECC Publication NPC-207, “Impulse Vibration in Residential Buildings”, November 1983, as amended.<br><br>3. Operations Noise:<br>a. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended.<br><br>4. Noise Report shall be prepared in accordance with the following documents:<br>a. MOECC Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995, as amended; and<br>b. Supporting Information for the Preparation of an Acoustic Assessment Report, Prepared by the Air and Noise Unit, Environmental Assessment and Approvals Branch, November 2003. | A stand-alone noise impact study will be prepared which will include all the assumptions and considerations used in the assessment as well as modelling results and findings of the study.<br><br>**The report will be prepared in accordance with the MOECC noise guideline publications NPC-300 - Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication (2013) MOECC noise publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", (1995) and the follow-up version (2003).**<br><br>If required, the report will also include a noise mitigation section that will provide the details of the proposed noise mitigation plan for the Ridge Landfill.<br><br>**For the construction phase of the project, the activities will be reviewed against MOECC’s publications NPC-115 (Construction Equipment), NPC-118 (Motorized Conveyances) and NPC-207 (Impulsive Vibration in Residential Buildings) and if required qualitative assessments will be prepared.** |

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| **Alison Munro, Surface Water Specialist, MOECC Southwestern Region** | | | | |
| 1 | Section 4.4.1.3 Surface Water, page 23 and Appendix "A", Technical Work Plan Summaries, "Surface Water Assessment (pages un-numbered.) | Surface water and biological monitoring is proposed to be completed on both on-site and off-site drains at the existing Ridge Landfill site. The information collected will summarize existing conditions at the Landfill under current approval. The results of the data collection and field work will then be used to provide guidance for impact assessment and mitigation when assessing the preferred alternative. This is an acceptable format and appears to be in keeping with the purpose of a Terms of Reference.<br><br>It is noted that runoff from the landfill is conveyed to Jeannette's Creek via Duke, Howard, Lewis, Scott and Gales drains. However, biological and surface water monitoring is not always proposed on each of these drains. Also, at times in the ToR, McDowell drain is added to the list of drains to be assessed. Due to these differences, it is suggested that the rational for monitoring (or lack thereof) on each of these drains should be clarified. | Proponent to make the changes to Section 4.4.1.3 Surface Water, page 23 and Appendix "A" and provide a response to the comments in the column to the left. | <u>Section 4.4.1.3</u><br>The Ridge Landfill site is situated in the southeastern end of the Jeanette's Creek Subwatershed. The Jeanette's Creek Subwatershed encompasses an area of approximately 380 $km^2$ and outlets into the Thames River 3 km upstream of Lake St. Clair.<br><br>Local topography is considered flat to depressed, with average slopes of less than one percent. Internal drainage within the on-site study area is considered poor resulting in high runoff characteristics.<br><br>**Surface runoff from the existing site and proposed landfill expansion area is primarily received by the Duke Drain, Howard Drain, and Scott Drain (tributary of the Howard Drain). Flow rates in these watercourses are variable throughout the year. Within the 1 km study area there are two other drains, the Lewis Drain and Gales Drain, which do not receive flows from the site. A third drain within the 1 km study area, the McDowell Drain, also does not receive direct flows from the site but is part of the Howard Drain watershed area.**<br><br>There are 5 existing ponds on the property that collect stormwater and a flood control facility that does not come into contact with waste.<br><br>*Note*<br><br>Mussels are not included in the aquatic assessment, as mussels have not been observed within the watercourses in the vicinity of the proposed landfill expansion site during previous investigations (i.e., 1997 EA and ongoing monitoring activities). Furthermore, a review of available Species at Risk mapping does not show critical habitat for mussel species within the watercourses in the vicinity of the landfill site.<br><br><u>Appendix A</u><br>**The study area for** the Surface Water Assessment will focus on the on-site **Duke Drain,** Howard **Drain,** and **Scott Drain (tributary to Howard Drain**) but will also extend to the limits of the watershed boundary of the Howard, Scott, Duke and McDowell Drains **(for the purpose of hydrologic analyses).** This will enable a more comprehensive characterization of baseline conditions at a watershed scale to assist in the assessment of potential surface water impacts.<br>A desktop review of background data will be completed to enable an understanding and synthesis of recently completed studies and relevant supporting information. Field Investigations to characterize existing conditions will |

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| | | There is reference to aquatic biology monitoring on the site, however it is only specific to fish. If other aquatic species are present in the drains (benthic invertebrates, mussels etc.) that may require impact assessment and mitigation, they should also be considered in the EA.<br><br>It is recommended that surface water quality monitoring for baseline conditions should, at a minimum, be completed for any parameter for which they are currently sampling under the current Approval. | | focus on understanding existing flow conditions in the on-site drains under both high and low flow conditions.<br><br>**Detailed surface water investigations will be undertaken to assess water quality and water quantity considerations as well as habitat conditions (in cooperation with the biology discipline), in accordance with the criteria outlined in the *Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Site* (January 2012) document.**<br>**The investigations will include the following (note: only the first three bullets below apply to the McDowell Drain):**<br>• Confirmation of overland flow routes, drainage boundaries and outlet locations;<br>• Inventory of existing hydraulic structures (i.e., location, size, material);<br>• Measurements of typical stream channel geometry (i.e., bottom width, side slopes, depth);<br>• Climate and stream flow monitoring (initiated in the fall of 2015) to collect:<br>  • rainfall data and ambient temperature data;<br>  • water temperature and water levels data; and<br>  • stream flow **gauging measurements**.<br>• Surface water quality sampling of indicator parameters such as temperature, suspended sediments, **inorganics, major ions, bacteria, trace organics** and nutrients.<br>• **A benthic community inventory, including taxonomic sorting and identification of macro-invertebrates, which will follow the *Ontario Benthos Biomonitoring Network: Protocol Manual* (January 2007).**<br><br>**Surface water quality investigations will be conducted in the Duke Drain, Howard Drain, and Scott Drain, which transect the landfill site and, accordingly, represent the most appropriate watercourses to assess potential effects related to the proposed landfill expansion. This methodology is consistent with the annual monitoring program under the current approval.** |

Please return this table in both PDF and Word formats.

**Ministry of the Environment and Climate Change Comments**

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| **Mark Harris, P.Geo, Hydrogeologist, MOECC, Southwestern Region** | | | | |
| 1 | Appendix "A", Technical Work Plan summaries, "Hydrogeological Assessment" (pages un-numbered.) | The purpose of a ToR document is to guide the technical studies that are to be completed in support of a formal EA. The current ToR provides only a very preliminary overview of the types of hydrogeological investigations that are planned. This is not unexpected given that it is currently a very early stage in the process. The scope of technical studies will normally evolve over time as more information becomes available. This is the nature of scientific inquiry.<br><br>The ToR initially identifies several very specific field methods that will be used during the hydrogeological investigation. However, there is no explanation as to why these methods will be used (e.g. conduct isotopic assessment at two wells, periodic monitoring of water levels in wells). Further, this list is by no means complete and it is too early to speculate as to which specific field methods and data analyses will be necessary.<br><br>In place of the above, it is recommended that the ToR would be more effective if it outlined the objective of the hydrogeological assessment. In short, this would be to demonstrate that the site can be constructed without causing an adverse effect to off-site ground water. This would be achieved by characterizing the existing hydrogeologic setting, understanding the impacts of the existing landfill site, and then predicting the impacts that could be expected if the landfill site is approved.<br><br>While the section entitled "Impact assessment & Mitigation" does begin to address these themes, it is recommended that this be expanded and moved to the top of the section so that the layperson clearly understands the point of doing hydrogeological investigations.<br><br>If the authors feel that it is important to identify specific investigation techniques, then it is recommended that further | Proponent to make the changes to Appendix "A" and provide a response to the comments in the column to the left. | *Note:*<br>It is the intention of the proponent to demonstrate that the preferred site development alternative method can be constructed without causing unacceptable off-site impacts to groundwater resources in the Final EA Document.<br><br>Please see Attachment 1 for changes to Appendix A related to hydrogeology. |

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| | | context be included as to why the methods are to be used. For example, water levels will be measured in order to determine the direction of ground water flow. Another example could be that hydraulic conductivity testing will be conducted to help to determine how leachate will migrate through the subsurface. Other types of studies may be deemed necessary once the preferred alternative is selected, and/or the results of initial data collection are considered.<br><br>It is recommended that some discussion be provided about how the broader ground water environment will be considered. The site will need to be designed so that it can meet the Ministry's Reasonable Use Guideline. This protects ground water at the property boundary, and thus, it should also protect any wells or other ground water receptors that might exist beyond. The ToR should clearly identify that these offsite receptors will be considered during the EA study.<br><br>Regardless of the format or scope of the ToR, approval of a waste disposal facility at this site will only be approved if appropriate studies show that it can be done without unacceptable impacts to ground water resources and function. The proponent will be responsible for demonstrating that this is the case, to the extent deemed necessary by the Ministry.<br><br>Finally, to be clear, it is this office's expectation that a Final EA document would be able to demonstrate that the preferred alternative can be constructed without causing unacceptable off-site impacts to ground water resources. If the proponent intends to instead complete this evaluation after the final EA document is prepared, this office should be consulted very early during the EA process. | | |

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# Appendix I

## *Final Terms of Reference Review Comment and Response Tables*

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

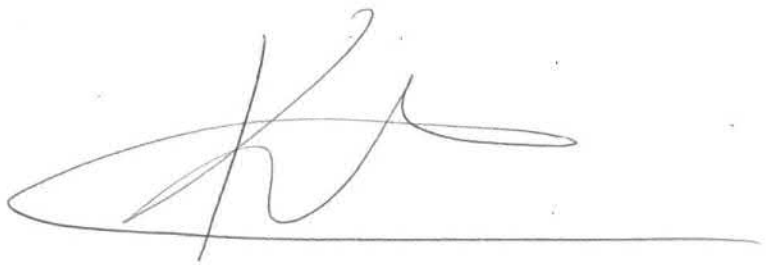
Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,



COUNSEL
PUBLIC AFFAIRS PUBLIC RELATIONS

Kent Hunter
Senior Project Engineer – Waste Management
Neegan Burnside Ltd.
17345 Leslie Street, Suite 200
Newmarket, ON
L3Y 0A4

Sent by email:

**RE: Neegan Burnside Review of the Ridge Landfill Terms of Reference**

Dear Mr. Hunter,

On December 22, 2016, PWS received a copy of Neegan Burnside's review of the Ridge Landfill Terms of Reference (ToR) and Record of Consultation that was submitted to the Ministry of the Environment and Climate Change (MOECC) on November 18, 2016. We understand that Neegan Burnside was retained by Walpole Island First Nation to provide assistance regarding the review of the ToR. The purpose of the review was to determine from WIFN's perspective whether the ToR was consistent with best practices and was reasonable in terms of the objectives to be achieved.

Attached are our responses to your questions and comments. We appreciate your feedback as the project moves forward to the EA stage and would like to arrange a meeting as soon as possible to discuss your comments and our responses. Our goal is to ensure that we have adequately addressed your comments and in keeping with our current and ongoing communication with MOECC EA Branch staff to finalize the Ridge EA ToR.

PWS is committed to maintaining an ongoing relationship with WIFN throughout the EA for the landfill expansion. As such, we would also like to use this meeting as an opportunity to share next steps in the process, and the proposed schedule for upcoming field investigations and planned consultation activities.

Please feel free to reach out to us with further comments and questions you may have. We look forward to meeting with you. We appreciate how busy you are so in the absence of your ability to meet in coming days we look forward to your written feedback on our comments.

Sincerely,



John Beaucage, Principal

cc: Cindy Batista, Special Projects Officer, Ministry of the Environment & Climate Change
cc: Courtney Jackson, Environment and Outreach Worker, Aamjwnaang First Nation
cc: Sharilyn Johnston, Environment Coordinator, Aamjiwnaang First Nation
cc: Nisha Shirali, Projects Officer, Ministry of the Environment & Climate
cc: Cathy Smith, Project Manager – Ridge Landfill Expansion, Progressive Waste Solutions

**Ministry of the Environment and Climate Change**

Environmental Approvals Branch

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1st Floor
Toronto ON M4V 1P5
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Fax: 416 314-8452

**Ministère de l'Environnement et de l'Action en matière de changement climatique**

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

December 13, 2016

Paul Card, President
Battery Boy Starter & Alternator Ltd
131 Park Ave East
Chatham, ON
N7L 3V7

Dear Mr. Card:

Thank you for your letter of support dated December 9, 2016 on behalf of Battery Boy starter & Alternator Ltd. regarding Progressive Waste Solutions' proposed Terms of Reference for the Ridge Landfill Environmental Assessment project.

The Minister will be making his decision on the Terms of Reference in the near future. Your name has been placed on the mailing list for all subsequent notices or orders associated with this project.

Thank you for your interest in this Environmental Assessment.

Sincerely,

Cindy Batista
Special Project Officer
Environmental Approvals Branch

c: EA File No. 03-08-02 Ridge Landfill Expansion Project

December 9, 2016

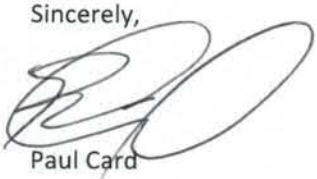
Ms. Cindy Batista,
Special Project Officer
Ministry of Environment and Climate Change
Environmental Approvals Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON, M4V 1P5
Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As a supplier to the Ridge Landfill, I'm writing to provide Battery Boy's support for the Ridge Landfill as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the landfill.

Battery Boy is a local business that provides batteries to the Ridge Landfill and employs 5people who live in the local community. The Ridge Landfill is an important part of our customer base. We hope to continue to supply the Ridge with our services for years to come.

Sincerely,



Paul Card
President
Battery Boy Starter & Alternator Ltd.

**Ministry of the Environment and Climate Change**

Environmental Approvals Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

**Ministère de l'Environnement et de l'Action en matière de changement climatique**

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

December 13, 2016

Gaele Mifflin, President
Blenheim & Community Senior Citizens Group
55 Jane Street
Blenheim, ON
N0P 1A0
P.O. Box 1621
Email: blenheim55@gmail.com

Dear Ms. Mifflin:

Thank you for your letter of support dated December 13, 2016 on behalf of the Blenheim & Community Senior Citizens Group regarding Progressive Waste Solutions' proposed Terms of Reference for the Ridge Landfill Environmental Assessment project.

The Minister will be making his decision on the Terms of Reference in the near future. Your name has been placed on the mailing list for all subsequent notices or orders associated with this project.

Thank you for your interest in this Environmental Assessment.

Sincerely,

Cindy Batista
Special Project Officer
Environmental Approvals Branch

c: EA File No. 03-08-02 Ridge Landfill Expansion Project

# Blenheim & Community Senior Citizens Group

**519-676-3894** **55 Jane Street, Box 1621 Blenheim On N0P 1A0**

December 13, 2016

Ms. Cindy Batista,
Special Project Officer
Ministry of Environment and Climate Change
Environmental Approvals Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON, M4V 1P5
Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

On behalf of the Blenheim Seniors' Centre, I'm writing to provide our support for Progressive Waste Solutions as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill.

Through the Ridge Landfill Trust, close to $1 million has been contributed to the building of the new Seniors Centre facility in downtown Blenheim which now boasts a membership of over 600 persons — a 100% increase in 2016 alone. The Centre is a very important facility in our community in that it provides numerous programs and services to residents. We consider Progressive Waste Solutions an exemplary contributor to the socioeconomic vitality of the broader community.

Sincerely,

Gaele Mifflin

Gaele Mifflin
President

**Ministry of the Environment and Climate Change**

Environmental Approvals Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
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**Ministère de l'Environnement et de l'Action en matière de changement climatique**

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

November 29, 2016

Jerome Woynarski, Plant Manager
759 Wellington St.
Dresden, ON
N0P 1M0

Dear Mr. Woynarski:

Thank you for your letter of support dated November 28, 2016 on behalf of ConAgra Foods Canada regarding Progressive Waste Solutions' proposed Terms of Reference for the Ridge Landfill Environmental Assessment project.

The Minister will be making his decision on the Terms of Reference in the near future. Your name has been placed on the mailing list for all subsequent notices or orders associated with this project.

Thank you for your interest in this Environmental Assessment.

Sincerely,

Cindy Batista
Special Project Officer
Environmental Approvals Branch

c: EA File No. 03-08-02 Ridge Landfill Expansion Project

December 8, 2016

Ms. Cindy Batista,
Special Project Officer
Ministry of Environment and Climate Change
Environmental Approvals Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON, M4V 1P5
Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

I'm writing on behalf of Dacjor Aluminum Ltd to provide our support for the Ridge Landfill. Dajcor is a local business that relies on Progressive Waste Solutions for waste collection and disposal services. Having a long-term secure disposal option is important to maintaining our competitiveness. We employ 158 local persons who live in the community. The Ridge Landfill is an important part of the Chatham-Kent economy and a contributor to the socio-economic fabric of the community.

Sincerely,

Scott Barnes
Dajcor Aluminum Ltd
155 Irwin Street
Chatham, Ontario
N7M 0N5

**Ministry of the Environment and Climate Change**

Environmental Approvals Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

**Ministère de l'Environnement et de l'Action en matière de changement climatique**

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

December 14, 2016

Scott Barnes
Dajcor Aluminum Ltd.
155 Irwin Street
Chatham, ON
N7M 0N5
Email: scott.barnes@dajcor.com

Dear Mr. Barnes:

Thank you for your letter of support dated December 8, 2016 on behalf of Dajcor Aluminum Ltd. regarding Progressive Waste Solutions' proposed Terms of Reference for the Ridge Landfill Environmental Assessment project.

The Minister will be making his decision on the Terms of Reference in the near future. Your name has been placed on the mailing list for all subsequent notices or orders associated with this project.

Thank you for your interest in this Environmental Assessment.

Sincerely,

Cindy Batista
Special Project Officer
Environmental Approvals Branch

c: EA File No. 03-08-02 Ridge Landfill Expansion Project

**Ministry of the Environment and Climate Change**

Environmental Approvals Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

**Ministère de l'Environnement et de l'Action en matière de changement climatique**

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

December 1, 2016

Debbie Franklin, Executive Assistant
Greenfield Specialty Alcohols Inc.
540 Park Ave. East
Chatham, ON
N7M 5J4

Dear Ms. Franklin:

Thank you for your letter of support dated December 1, 2016 on behalf of GreenField Specialty Alcohols Inc. regarding Progressive Waste Solutions' proposed Terms of Reference for the Ridge Landfill Environmental Assessment project.

The Minister will be making his decision on the Terms of Reference in the near future. Your name has been placed on the mailing list for all subsequent notices or orders associated with this project.

Thank you for your interest in this Environmental Assessment.

Sincerely,

Cindy Batista
Special Project Officer
Environmental Approvals Branch

c: EA File No. 03-08-02 Ridge Landfill Expansion Project

Additional Comments Received - Ridge Landfill Terms of Reference

| Comment and Rationale | Response |
|---|---|
| ***Additional Comments*** | |
| We are concerned about the expansion as it will bring the landfill closer to our house. Issues are :<br><br>• Increased noise<br>• Increased odour<br>• Dust<br>• Blowing garbage<br>• Decreased property values<br>• Decreased enjoyment of the outdoors<br>• Increase of trucks past our house which is not on a truck route. This is already happening. Have talked to landfill representatives but did not get a return call for an explanation. | As part of the EA, PWS will be conducting a number of studies including ones to assess the potential noise, dust, blowing litter, visual and odour effects of the expansion and the impact on residents in the vicinity of the site and their ability to enjoy their property.<br><br>It is recognized that maintaining property value is important to residents. As part of its commitment to the local community, PWS has a property value protection program in place. The community benefits that PWS provides are based on the potential impact of the landfill and this program will be reviewed as part of the EA process once potential impacts of the proposed expansion are known.<br><br>Regarding your comment on truck traffic, PWS requires haulers to use the designated haul route. It is noted that the designated haul route is for trucks coming from the north, primarily from Highway 401. As discussed on the phone, neighbours are encouraged to contact PWS about off-route trucks and to gather as much information about the truck as possible and as soon as practical to enable staff to either seek out the truck or if enough information is provided to identify the hauler and address the infraction.<br><br>The procedure PWS took after the call, like other complaint calls, was to record the complaint for submission in the Ridge's Annual Report to be provided as required to the |

| Comment and Rationale | Response |
|---|---|
| | MOECC. |
| We produce too much garbage. Even with the introduction of recycling and composting depots for yard waste, there still seems to be an ever increasing steady stream of garbage that is abandoned in landfill sites every day. This garbage does not go away or decompose, instead off-gassing and leaching of less than desirable components contaminates our air and land. There seems to be a lack of communication between the landfill site and the waste management companies, and from there not enough communication or emphasis on the importance of producing less waste. | The passing of the Waste-Free Ontario Act on June of 2016 and the December 2016 release for public review of the accompanying Waste-Free Ontario Strategy, signals Ontario's focus on reducing waste. PWS is supportive of this provincial initiative.<br><br>PWS recognizes that the materials it manages are valuable resources that if diverted from disposal, could be beneficially reused or recycled. As part of its commitment to environmental sustainability, PWS works with their customers to find at-source solutions for segregation of wastes that have a beneficial end-use and will continue to work with them to expand waste diversion programs. PWS also supports corporate diversion programs, including any corporate LEED initiatives for our clients.<br><br>PWS continues to consider opportunities for additional waste diversion through this EA process. Section 5.2.1 of the TOR outlines the three waste diversion systems PWS will consider to address future diversion opportunities such as organic waste composting or anaerobic digestion, C&D waste and new materials diversion. Alternative diversion systems will be assessed using the evaluation criteria set out in Table 1B in Appendix B of the Final TOR which will be refined through public consultation as part of the EA process. |
| *Job Creation and Resource Management*<br>What if we were to create an organization like Habitat for Humanity where it is a one stop shop to bring all your odds and ends of recyclable materials? And with that we could introduce | There are numerous opportunities to divert waste from landfill that are appropriate at different scales.<br><br>As a component of PWS' commitment to the diversion of |

| Comment and Rationale | Response |
|---|---|
| a composting section to assist with kitchen waste. Kitchen waste seems to be the heaviest of all waste due to its water content and would produce valuable soil for community gardens or for sale. This could employ local people and make use of one of the many unoccupied buildings in Chatham-Kent.<br><br>Another method that could have similar results would be to have a spread in the local newspaper or flyer or Kijiji or Facebook advertisement distributed a couple times a year highlighting the various recycling programs located in Chatham-Kent. Everything from yard waste at the local depot and compost to community gardens, to the battery recycling program at Battery Boy and electronics recycling at the warehouse on Grand Avenue could be mentioned. | waste from disposal, Section 5.2.1 of the TOR notes the plan to include an expanded public drop-off area at the Ridge Landfill site to divert additional recyclable materials. The public drop off could include materials such as household hazardous waste, electronic wastes and other recyclable materials as designated by the Province.<br><br>PWS is also committed to continued collaboration with the Ridge Landfill host community of Chatham-Kent to develop partnership opportunities to support their municipal waste diversion targets. As part of this effort, PWS will discuss your suggestions along with other ideas with Chatham-Kent. |
| *Garbage Receptacle Size*<br>Why do our garbage containers have to be so large? No one in their right mind should be creating that much garbage every week, let alone a family of 4 or 5. Isn't it crazy that we have a paper recycling bin and a blue bin AND a garbage bin that could probably fill the contents of five blue bins?<br><br>We seriously need to think through our purchasing power as if it were a vote that actually counts. Roughly 10% of the cost of an item goes into the packaging. So if we were to remove the packaging, we save 10%. | The PWS Chatham District provides IC&I waste and recyclables collection as well as curbside collection services for the Municipality of Chatham-Kent. Recyclables are delivered to Chatham-Kent Recycling and PWS recently implemented an automated waste collection system which is supporting a one cart limit to the amount of waste that can be set out for disposal on a weekly basis. It is appreciated that the carts are large. This generic size was selected to accommodate families of all sizes as well as participating businesses in the curbside program. There is no requirement to place the cart out on a weekly basis if the bin is not full.<br><br>The three bin system is necessary as there will always be residual waste for disposal after recycling initiatives have been undertaken and the current processing facility that receives recyclables is only equipped for the two-stream |

| Comment and Rationale | Response |
|---|---|
| | fibres and containers recycling system.<br><br>It is recognized that a significant amount of the waste produced is packaging. Reducing waste including packaging and treating materials as resources are important elements in the final draft of the provincial Strategy for a Waste-Free Ontario, Building the Circular Economy (Dec 2016). |
| <u>*Educating the public*</u><br>We are not getting the message out to the public enough. There is a lack of education and lack of thought about what we should be telling the public about:<br>- The garbage they purchase<br>- How much packaging is involved<br>- How renewable the resource is<br>- What the real cost is of producing, disposing and managing the waste<br>- What positive and negative externalities changing or keeping with this behaviour will have on our health, but also on our pocket books and the environment<br>- Not everyone follows the guidelines and standards of proper waste disposal. There are many old schools of thought to throw everything in one receptacle including chemicals and other substances such as carcinogens that leach into our soil and ground water<br>• The result is the same, but we need to focus in on different income brackets to determine approaches in education | One of the actions in the final draft of the provincial Strategy for a Waste-Free Ontario, Building the Circular Economy (Dec 2016) is to establish promotion and education requirements to support public participation in resource recovery.<br><br>As a private company providing waste management services to customers, PWS works with their customers to find diversion solutions and to support related educational initiatives. As noted, PWS is committed to continued collaboration with the Ridge Landfill host community of Chatham-Kent to develop partnership opportunities to support their municipal waste diversion targets. This effort includes educational opportunities and supporting them in their current waste reduction efforts and future programs that will need to be implemented as the results of the Strategy for a Waste-Free Ontario. |

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

John T. Sterling

RECEIVED
DEC 15 2016
MINISTRY OF THE ENVIRONMENT & CLIMATE CHANGE
ENVIRONMENTAL APPROVALS ACCESS &
SERVICE INTEGRATION BRANCH/
ENVIRONMENTAL APPROVALS BRANCH

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

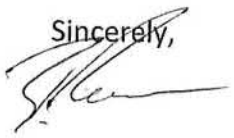
Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,



December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely, TERRY Protopapas

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

Chase Lore

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Tim Randall

Sincerely,

December 1/2016

Ms. Cindy Batista,

Special Project Officer

Ministry of Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West, 1st Floor

Toronto, ON, M4V 1P5

Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

As an employee of Progressive Waste Solutions, I'm writing to provide my support for the company as it seeks approval to proceed with an Environmental Assessment for its proposed expansion of the Ridge Landfill. As one of approximately 60 persons who is employed by Progressive Waste Solutions in Chatham Kent, we are proud to be a leading environmental services company in Ontario and being an important contributor to the socioeconomic vitality of the Municipality of Chatham Kent.

Sincerely,

Andrew MacFadden

2016-12-13

RECEIVED
DEC 2 1 2016
MINISTRY OF THE ENVIRONMENT & CLIMATE CHANGE
ENVIRONMENTAL APPROVALS ACCESS &
SERVICE INTEGRATION BRANCH/
ENVIRONMENTAL APPROVALS BRANCH

Ms. Cindy Batista,
Special Project Officer
Ministry of Environment and Climate Change
Environmental Approvals Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON, M4V 1P5
Email: Cindy.Batista@ontario.ca

Dear Ms. Batista,

On behalf of the Blenheim Business Improvement Association, I would like to lend our support for Progressive Waste Solutions and its Ridge Landfill. The Ridge Landfill has been long-time business and employer in the community of Blenheim.

In addition to its economic contribution to our local economy, it has been a supporter of many projects that have strengthened the social vitality of Blenheim. We hope the company can continue to operate and help our community prosper.

Sincerely,

Marc Eskritt
Chair

**Ministry of Natural Resources and Forestry (MNRF) Comments**

**Proposal:** FINAL Terms of Reference (ToR) for the Ridge Landfill Expansion Environmental Assessment
**Proponent:** Progressive Waste Solutions
**Date:** Comments received by PWS on January 10, 2017; Responses provided January 10, 2017

| **Comment #** | **Reference to ToR**<br><br>Provide the specific volume(s), section(s) and page number(s) | **Comments & Rationale**<br><br>Please provide an explanation of your comments. Describe the rationale for why issue of concern is important for EA purposes. Identify if your issue of concern is related to the EA or related to regulatory instruments, or both. | **Proposed Action/Solution**<br><br>Please describe in detail what action you recommended to address your comments/concerns. Actions may include but not limited to: amendments to the document, information requests, proposed commitments, future permits and approvals etc.) | **Proponent Response**<br><br>Please describe in detail your response to address the comments/concern. Actions may include but not limited to : amendments to the document, additional information, proposed commitments, etc. |
|---|---|---|---|---|
| 1 | 6.1.4, Summary of Issues and Concerns, page number 53 | Issue related to regulatory process policy.<br><br>As currently stated in the TOR, *It was suggested that if changes to the woodlots are proposed that Endangered Species Act permits should be in place prior to the Official Plan amendment*<br><br>While MNRF does recommend that the planning process and the Endangered Species Act approvals process proceed in tandem, MNRF requires final zoning and land use designations to be in place prior to the issuance of an Endangered Species Act Overall Benefit Permit.<br><br>Section 2.1.7 of the 2014 PPS states, "*Development* and *site alteration* shall not be permitted in habitat of endangered species and threatened species, except in accordance with provincial and federal requirements." MNRF's Overall Benefit permitting process requires finalized design and site plans. If the proponent can demonstrate that their Planning Act application and Endangered Species Act Overall Benefit Permit application share the same finalized design plans, the municipality can demonstrate that the Planning Act application is in accordance with 2.1.7 of the PPS, 2014. | MNRF suggests removing the identified sentence and replacing it with, *that if changes to the woodlots are proposed that require Endangered Species Act permits, an Official Plan amendment should be in place prior to the issuance of an Endangered Species Act permit.*<br><br>A submitted Endangered Species Act (ESA) permit application should demonstrate that the Planning Act application is in compliance with PPS 2.1.7. Finalizing an Official Plan amendment prior to the issuance of an ESA permit will avoid potential challenges and delays in the permitting process, should a permit be required to allow for changes to the woodlots. | PWS has been in contact with the MNRF to discuss potential ESA permitting requirements associated with the proposed removal of the SE woodlot. Should this be required as part of the detailed site development design of the landfill expansion, PWS will apply for a permit under Section 17(2)(c) [Overall Benefit] of the ESA.<br><br>PWS has also been in contact with the Municipality of Chatham-Kent about the timing of planning approvals associated with the proposed expansion (i.e., Official Plan Amendments). PWS understands that Planning Act approvals will need to be in place or underway prior to the MNRF issuing a fully executed Section 17(2)(c) [Overall Benefit] permit.<br><br>We will adjust the sentence in the ToR to reflect what has been proposed by the MNRF reviewer. |

Please return this table in both PDF and Word formats.

**Neegan Burnside Ltd.** 17345 Leslie Street, Suite 200 Newmarket ON L3Y 0A4 CANADA
**telephone** (905) 953-8967 **fax** (905) 953-8945 **web** www.neeganburnside.com

NEEGAN BURNSIDE

February 1, 2017

**Via: Email**

Dean Jacobs
Consultation Manager
Walpole Island Heritage Centre
RR 3
Wallaceburg ON N8A 4K9

Dear Mr. Jacobs:

**Re: Ridge Landfill Terms of Reference Environmental Review**
**Walpole Island First Nation Review**
**Project No.: 300040044.0000**

Neegan Burnside was retained by Walpole Island First Nations (WIFN) to provide assistance with the technical review of the Ridge Landfill Terms of Reference for an Environmental Assessment to facilitate an expansion. Enclosed please find our latest comments in the form of a comment response table, dated January 31, 2017 in response to latest correspondence from Ridge dated January 11, 2017. Of significance, please note the following:

- We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process.
- Species at risk are of high importance to WIFN. If the preference is to not place this list in the ToR, please provide directly to WIFN the list of species.
- More detailed workplans should be part of the review. It is in everyone's interest to ensure that appropriate methodologies are being used prior to the commencement of survey work. Including these details at the EA stage is too late as survey work will have already been completed.

If you require additional information, please feel free to contact the undersigned.

Yours truly,

**Neegan Burnside Ltd.**

Kent Hunter
Project Engineer
KH:js

Enclosure(s)

cc: Jared Macbeth, WIFN (Via: Email)

| No. | Comment and Rationale – Neegan Burnside – December 16, 2017 | Response – Progressive Waste – January 11, 2017 | WIFN/Neegan Burnside Reply – January 31, 2017 |
|---|---|---|---|
| **General Comments on Terms of Reference** | | | |
| 1 | On page 50 of the TOR, under Indigenous Communities Engagement, the proponent states;<br><br>*After a thorough review, it has been determined that the Project falls within the McKee Treaty (1790) and all claims by area First Nations have either been dealt with or have been surrendered at the time of treaty signing. The existence of a Métis claim of rights in southwestern Ontario has not met with any success in the courts.* | This information was added to the TOR as a result of comment received from the MOECC during the review of the draft TOR. | Noted. |
| | This infers that no additional engagement is required. However, the existing landfill and expansion area are located within the Traditional Territory of the WIFN. Within its Traditional Territory, WIFN asserts the rights to hunt, fish and trap, to harvest plants for food and medicine, to protect and honour burial sites and other sacred and culturally significant sites, to sustain and strengthen its spiritual and cultural connection to the land, to protect the Environment that supports its survival, to govern itself, and to participate in all governance and operational decisions about how the land and resources will be | The intention of this paragraph was not to suggest that additional consultation isn't required – but was to note the status of treaties, and the possibility of a requirement to consult with the Metis Nation. PWS along with the MOECC and our Indigenous Communities engagement specialist, John Beaucage, identified a long list of those First Nations and Metis with interests in the Ridge as it relates to Traditional Territory and the rights asserted as described here. This formed the basis for notifications and consultation initiatives with Indigenous Communities. PWS has made a commitment to consultation with Indigenous Communities throughout the EA process, | It is acknowledged that this was added at the request of the MOECC. However, it should be noted that WIFN adamantly does not agree with the statement and they request that the Terms of Reference reflects their objection. |

| No. | Comment and Rationale – Neegan Burnside – December 16, 2017 | Response – Progressive Waste – January 11, 2017 | WIFN/Neegan Burnside Reply – January 31, 2017 |
|---|---|---|---|
| | managed, used and protected (WIFN Consultation and Accommodation Protocol). First Nation consultation is a legal requirement and does not just apply to treaty and land claims resolution. We recommend that this paragraph be removed. | including Walpole Island First Nation. | |
| | • Table 6 indicates that during the EA, Indigenous communities will be consulted through letters which will be sent at key points in the project. WIFN is often inundated with large quantities of correspondence. Each letter should be followed-up with phone calls at a minimum to ensure that the correspondence has been received. It is recommended that the proponent refer to the WIFN Consultation and Accommodation Protocol and follow its guidelines. The TOR should include documentation to indicate that the Protocol will be followed. | As part of PWS commitment to ongoing consultation with Indigenous Communities, PWS will follow consultation laws, guidelines and protocols from Walpole Island First Nation, and others. | Accepted. Use of the WIFN Consultation Protocol is much appreciated. |
| | • The Site Plan shown in the TOR is very conceptual, and a better plan showing topography, well location and overall features would assist a reader in understanding the site. | The Site Plan provided in the Terms of Reference is intended to be conceptual for clarity and ease of understanding to the ToR readers. Site plans to be provided in the EA will include additional details such as | A technical reviewer is hampered by lack of basic site information. The site plan from the annual monitoring report should be made available in the TOR. |

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| | | topography and other features. | |
| | • The landfill currently receives waste from the industrial, commercial and institutional sectors from across southern Ontario. It receives residential waste from the Municipality of Chatham-Kent and Counties of Essex, Lambton, Middlesex and Elgin. However, the plan indicates that the intention is to expand the receiving area of residential waste to all of southern Ontario. Progressive has indicated that they do not intend to receive waste from large cities such as Toronto or London. However, by identifying all of southern Ontario as a receiving area, they do open up that possibility. Please provide clarification as to why all of southern Ontario is included. | PWS's service area for ICI waste is currently all of Ontario and PWS is seeking the same service area for residential waste. PWS is currently permitted to receive residential waste from the specified municipalities but in fact only receives waste from Chatham-Kent. PWS is seeking an expansion of the service area for residential waste to accommodate future waste disposal needs identified for Southern Ontario and to maximize use of the Ridge Landfill's annual capacity should ICI waste flows decrease.<br><br>PWS has no current plans to accept residential waste from major city centres such as Toronto or London who have their own existing long-term landfill capacity. Receipt of residential waste from any municipality will only occur through formal municipal procurement processes seeking disposal capacity and subsequent award to PWS from those bidding processes when and if they should occur. | Satisfied with response |
| | • How will the cumulative effects assessment be undertaken? A general methodology should be provided. | The Code of Practice for preparing Environmental Assessments in Ontario requires that proponents include information about potential cumulative effects of the | The Code of Practice recommends use of the Cumulative Effects Assessment Practitioner's Guide (CEAA, 1999) as a useful resource. We also recommend |

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| | | project in combination with past, present and reasonably foreseeable future activities where possible. The cumulative impact assessment to be undertaken as part of the EA will include:<br>• Identifying the potential effects of the undertaking at Ridge.<br>• Identifying planned projects in the vicinity of Ridge through contact with Chatham-Kent, regulatory agencies and others.<br>• Qualitatively assessing the potential for effects from the Ridge to interact with potential effects of other projects resulting in cumulative impact on the environment. | use of this guide. We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| **Work Plan Review** | | | |
| 2.1.1 | **Agriculture** | | |
| | We have no comments on this work plan. Please see comments under Surface Water regarding Municipal drains. | No response required. | N/A |
| 2.1.2 | **Air Quality** | | |
| | There is no mention of odour in the Air Quality portion of the work plan. It is mentioned in other places in the document (e.g., Socio-Economic work plan) but should | The air quality technical assessment work for this project will include an assessment of off-site odour for the preferred site development alternative. This assessment will characterize | Accepted. |

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| | be included in the Air Quality portion of the plan. | potential odour impacts resulting from the expansion as high, medium or low. Where necessary mitigation will be identified to minimize odour.<br><br>In addition, as part of developing the site development alternatives, a review of other experience at landfill mining operations related to odour will be undertaken. | |
| 2.1.3 | **Cultural Resources and Archaeology** | | |
| | WIFN will provide comments once the Stage 1 Archeological assessment has been completed and will also request a meeting with the archaeologist. | PWS welcomes any comment concerning the archaeological finds, if any, in the area in question. A meeting will be arranged once the assessment has been completed. | |
| 2.1.4 | **Aviation** | | |
| | The work plans set out in the TOR for the Aviation and Bird Hazard Assessment are generally adequate. However it should be noted that, regardless of Ridge Landfill's current zoning exemption (i.e., lands around the airport are zoned for obstruction clearances and bird hazard protection under the Aeronautics Act, 1985), the following must be considered to determine what enhancements may be required to the existing bird hazard assessment and control | The proposed work to be completed during the EA for both aviation and bird hazard assessment will consider the appropriate documents and guidelines from Transport Canada and other sources, as applicable. It is noted that during the landfill expansion EA in 1997, the results of the bird hazard and aviation assessments were that a bird management plan be implemented at the Ridge Landfill to reduce risks to operations at the airport. A bird management plan has | The 'appropriate documents and guidelines' should consider the detailed items noted in our comments. We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |

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| | plan to allow for an extension of this exemption:<br>• Using the Appendix B (Airport Bird Hazard Risk-Assessment Process) of the Airport Wildlife Management Bulletin No. 38 (Transport Canada, Fall 2007), and given that the Chatham-Kent Municipal Airport is capable of accommodating commercial aircraft, the Ridge Landfill falls within the "Primary Bird Hazard Zone", "Category B Event Zone", and "Secondary Bird Hazard Zone". Bird Hazard Zones must be plotted. Given that Ridge Landfill is a putrescible waste landfill, it is classified as a High-Risk land- use. The following statement applies: "high-risk land-use, in particular, must be aggressively managed [and mitigated] to reduce safety risks to aircraft operations" (Transport Canada, Fall 2007). Therefore, since this land-use is deemed "inappropriate" by Transport Canada standards, risks associated with the expansion of the Ridge Landfill must be actively mitigated and regularly evaluated/modified when require<br>• Table 2 in Appendix B of the Airport Wildlife Management Bulletin No. 38 (Transport Canada, Fall 2007) should be reviewed to determine the level of risk | been executed since that time. The potential risks to aviation and the bird management plan will be revisited as part of this current EA and will form part of the final recommendations of the aviation and bird hazard assessments presented in the EA. | |

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| | associated with species of bird typically found in the vicinity of the Airport. Typical flight paths of birds that are frequently present in the vicinity of the airport should be assessed to help determine specific mitigation measures. Particularly, birds frequently flying below 1,500 feet AGL (above ground-level) should be given priority, since the critical phases of aircraft flights occur within this altitude (i.e., takeoff, initial climb, landing, approach and missed approach).<br>• In order to determine specific mitigation measures to minimize hazards, the following documents should be referenced (available online):<br>1) Safety Above All – A coordinated approach to airport- vicinity wildlife management (Transport Canada, 2012).<br>2) TP 13029 – Evaluation of the Efficacy of Products and Techniques for Airport Bird Control (Transport Canada, 1998).<br>3) TP 11500 E – Wildlife Control Procedures Manual (Transport Canada, 2002)<br>4) TP 13549 E – Sharing the Skies – An Aviation Industry Guide to the | | |

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| | Management of Wildlife Hazards (Transport Canada).<br>**5)** TP 1247 E – Land Use in the Vicinity of Aerodromes Ninth Edition (Transport Canada, 2013). | | |
| 2.1.5 | **Biology** | | |
| | 1. It is noted that 15 Endangered or Threatened species have the potential to be present. The actual species should be listed so it can be determined whether the proposed surveys are appropriate and sufficient to address each species and that appropriate protocols for data collection are followed. | It is the preference of the MNRF that lists of Species at Risk are not provided in public documents. The surveys and data collection required will be completed in consultation with the MNRF and will be undertaken in accordance with MNRF protocols and industry best practices. | Species at risk are of high importance to WIFN. If the preference is to not place this list in the ToR, please provide directly to WIFN the list of species. Please indicate when the workplans will be available for review. |
| | 2. Species specific survey protocols should be identified including the reviewing agency, the name of the protocol, survey methods, timing, in field conditions required for surveys, etc., e.g. Ecological Land Classification (1998 Lee, H., et. al.), Breeding Bird surveys (Bird Studies Canada) and wetland identification and delineation (Ontario Wetland Evaluation System – | Surveys for Ecological Land Classification, Breeding birds and wetland delineation will be undertaken in accordance with MNRF requirements and industry best practices. Details as to protocols followed, agencies having authority, etc. will be provided in the EA. | The TOR sets the framework for completion of the EA. As such, we believe that protocols to be used should be specified in the TOR. It is in everyone's interest to ensure that appropriate protocols are being followed prior to the commencement of fieldwork. Including these details at the EA stage is too late as fieldwork will have already been completed. |

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| | MNRF). | | |
| | 3. We recommend that the significance of each natural feature (as identified in the Provincial Policy Statement 2014, Section 2.1) in the on- and off-site study areas be determined using provincial criteria (including the Significant Wildlife Habitat Ecoregion 7E Criteria Schedule (MNRF, 2015), as well as local criteria (e.g., local Official Plan). | The significance of natural features will be determined based on MNRF and planning protocols, including the Provincial Policy Statement (PPS) and Significant Wildlife Ecoregion Schedules. This will be documented in the EA. | Accepted. We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| | 4. WIFN staff may wish to participate in ecological survey work. The TOR should indicate that WIFN staff will be contacted and given the opportunity to participate. | While the majority of the Ecological Land Classification work was completed in 2016, PWS will keep WIFN and other Indigenous Communities apprised of the field work scheduling as the EA progresses in 2017. PWS will discuss participation in EA field studies with WIFN. | Accepted. Two weeks advance notice would be appreciated before commencement of fieldwork. |
| | 5. Table 3: “Alternatives To Evaluation Criteria for Potential Impacts to the Natural Environment” is very general. The Criteria includes “potential for impact on natural features and potential for impacts on groundwater, surface water and air quality”. This should be expanded to include “Potential impacts to plant species and communities, | The “Alternatives To” evaluation was undertaken using criteria appropriate to the types of alternatives being considered. We note that given the alternatives being considered, revising the criteria as suggested would not change the outcome.<br><br>The suggestions will be considered in refinements to the proposed criteria for the | Accepted. WIFN may wish to have the opportunity to comment on the updated criteria as early as possible in the EA process. Please contact WIFN when updated criteria are available. |

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| | wildlife species and populations, wildlife habitat and Species at Risk (SAR). Current criteria ignore wildlife". | evaluation of site development alternatives (Table 2B, Appendix B in the TOR, and the draft impact assessment criteria (Table 5 in the TOR). These criteria will undergo further consultation early in the EA process and these suggestions will be considered at that time. | |
| | 6. The proposed criteria that will be used to evaluate the various Alternative Methods for landfill expansion should also include:<br>• Potential loss of habitat of Endangered and Threatened species; and,<br>• Potential loss of medicinal or other culturally sensitive species of importance to First Nations groups such as WIFN. | We will consider these criteria suggestions in the EA during the evaluation of alternative methods and the impact assessment of the preferred alternative method. We request that WIFN provide a list of plant or other culturally important species so that these can be considered as part of the EA. | All native species have relevance to WIFN as the integrity of the entire ecosystem is a priority for the First Nation. |
| | 7. Compensation should be established early in the process. Conversations are needed to assess the appropriate ratios, and plans presented in the ToR (Figure 12) may be inadequate in terms of compensation areas. Offsite mitigation areas could be used if necessary. | Preliminary habitat compensation discussions have occurred with the Lower Thames Valley Conservation Authority, Chatham-Kent and the MNRF with respect to on-site and off-site compensation areas. These conversations will continue in a meaningful way once the preferred site development alternative method has been determined. | Please keep WIFN apprised of any compensation discussions and requirements. |

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| 2.1.6 | **Bird Hazard Assessment** | | |
| | Additional details should be provided with respect to the survey protocols, time of year, time of day, survey locations, etc. How will bird hazards be assessed (i.e., what criteria/guidelines will be used to determine whether a bird hazard exists)? How will the results be presented? | The TOR presented an overview of the technical studies to give the reader an overall understanding of the work to be undertaken and was not intended to provide specific details for each discipline. These will be confirmed during the EA and we would be pleased to provide more details to WIFN including survey protocols at that time. | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| 2.1.7 | **Design and Operations Plan** | | |
| | Figure 12 of the TOR indicates 3 possible landfill configurations. However during the site visit it was indicated that the solution may involve a combination of these configurations (e.g., A and B, or B and C). This is not clearly explained in the document. Please clarify which options would be evaluated. | There are several ways the landfill could be expanded, and these include lateral expansion areas (denoted as A, B and C on Figure 12 in the TOR), vertical expansion of current waste areas (e.g., the Old Landfill), and landfill mining. As noted in Section 5.2.2.1 of the TOR, individually these approaches do not provide the capacity required for the 20-year expansion of the landfill. As such, during the EA, the approaches to expansion listed in the TOR will be combined to create specific site development alternatives for consideration.<br><br>The specific site development alternatives will be presented for consultation during the EA. | Satisfied with response. |

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| | It should be noted that designs should be developed to existing standards. Grandfathering of a methodology, or saying that this is acceptable because it is how it was always done, is not appropriate. | Site development alternatives will be developed to applicable standards and guidelines and will consider the history of the site, as appropriate. As noted the alternatives will be presented for consultation during the EA. | Satisfied. |
| | It is assumed that the site development will involve new stormwater ditches and surface water ponds, and these should be developed to a conceptual level such that any impacts can be assessed. | The conceptual design/locations for stormwater management will be incorporated into the site development and the impact assessment of the preferred alternative. | Satisfied. |
| 2.1.8 | **Geology/Hydrogeology** | | |
| | • A current site plan showing the existing groundwater and surface water monitoring network should be added to the Work Plan. | Information on the existing ground and surface water monitoring network is available as part of the Ridge Annual Report which is submitted to MOECC. A copy of the figure from the 2015 Annual Report is attached. This information will be included in the EA. | We did not receive the figure. Please provide. |
| | • Water levels are to be measured in the proposed new monitoring wells. An indication of frequency and duration of the monitoring should be added to the Work Plan. | It is anticipated that water levels will be collected on five occasions over a period of 10 months; however timing will be weather-dependent. | Accepted. |

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| | • The Impact assessment analysis should include preparation of to-scale technical cross- sections that show the relationship between the geology, the waste, the leachate collection system, surface water features and the monitoring network. | Technical cross-sections and a discussion on the relationships between geology, waste, leachate collection and surface water features will be included as part of the EA. | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| | • The impact assessment should include a thorough outline of the current monitoring and evaluation of the historical monitoring data. | This information will be summarized as part of the EA. | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| 2.1.9 | **Noise** | | |
| | The Noise Work Plan as currently outlined is adequate. | Comment noted. | Accepted |
| 2.1.10 | **Socio-Economic** | | |
| | • It is stated that information will be collected concerning the use and enjoyment of residential properties and potential effects to businesses. It should be stated how this information will be collected (e.g., door-to-door survey). Standards should be stated (i.e., what will | An in-person survey of residents and businesses within 1 km and along the haul route is proposed to collect information related to the use and enjoyment of property. More specific details on data collection methodology will be documented in the EA. | The TOR sets the framework for completion of the EA. As such, we believe that protocols/methodology to be used should be specified in the TOR. It is in everyone's interest to ensure that appropriate methodologies are being used prior to the commencement of survey |

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| | be considered a statistically valid sample?). Will all properties within the 1 km radius and along the haul route be included? | | work. Including these details at the EA stage is too late as survey work will have already been completed. |
| 2.1.11 | **Surface Water** | | |
| | Additional details about the water sampling protocol would be helpful, including the timing, number of samples, preliminary location of sampling stations, equipment to be used, etc. | The TOR presented an overview of the technical studies to give the reader an overall understanding of the work to be undertaken and was not intended to provide specific details for each discipline. These will be confirmed during the EA and we would be pleased to provide more details to WIFN at that time. | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| | • WIFN staff may wish to participate in the surface water sampling work. The TOR should indicate that WIFN staff will be contacted and given the opportunity to participate. | PWS will keep WIFN and other indigenous communities apprised of the field work scheduling as the EA progresses in 2017. PWS will discuss participation in EA field studies with WIFN. | Satisfied. |
| | • The Surface Water Work Plan should address the on-site drains in regards to the *Drainage Act*. | The surface water technical studies will include the assessment of on-site drains and requirements under the *Drainage Act*, as needed. PWS will also consult with the Municipality of Chatham-Kent for *Drainage Act* | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |

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| | | requirements as they pertain to planning approvals. | |
| | • It should be confirmed if the on-site drains are Municipal Drains under the Drainage Act. If they are, any changes to location, width or depth must be made under Section 78 of the Act. The design capacity will have to be considered if site development alters the stormwater input. | | Please clarity is the consultant saying (above) that these are Municipal Drains regulated under the Drainage Act. |
| 2.1.12 | **Transportation** | | |
| | • The forecasted site trips and distribution of these trips should take into consideration any anticipated modification to the market services, including increased diversion processing that may occur on site. | The transportation impact assessment of the undertaking will consider anticipated traffic associated with any additional diversion occurring at the site confirmed through the EA process. | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| | • The TOR identifies the study of only one haul route (i.e., between the site and Highway 401). The study should expand to include other haul routes, depending on the potential for significant traffic or environmental sensitivity along such | As part of the 1997 EA, alternative haul routes were evaluated and the currently designated route was identified as the preferred haul route. This process was subject to review and comment from the public and the Municipality of Chatham-Kent and formed part of the | We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |

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| | routes. | approved EA. The designated haul route has functioned well since that time.<br><br>This proposed expansion does not change the annual waste tonnage the site can receive for disposal. Given this and the safe function of the designated haul route, PWS does not intend to change it for this landfill expansion, but will complete an impact assessment of the haul route. | |
| | • The TOR proposes to assess the safety along the haul route but does not identify the need to establish baseline collision data along these routes. Baseline collision data should be established along these routes and analyzed as part of the overall safety assessment. | Baseline collision data will be considered and analyzed as part of the overall safety assessment during the EA. | Acknowledged. We assume that all comments incorporated in your table of January 11, 2017 will be part of the Environmental Assessment process. |
| 2.1.13 | **Visual** | | |
| | We agree that the off-site study area should be expanded beyond 1 km as per Section 4.3. We suggest that the areas identified as having been impacted previously be included in the discussion of mitigation measures to determine the results of previously used strategies in reducing impacts off-site. | We will consider this as part of the EA. | Satisfied. Please note: We expect to see this included in the Environmental Assessment. |

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| | Neegan Burnside has no concerns with the proposed approach to identifying areas of concern and identifying appropriate screening plans.<br>Neegan has however identified the following items for consideration by the proponent during the development of any required mitigation measures: | | |
| | • With regards to consideration of mitigation measures we request additional information on the proposed type of soils (i.e., clean fill, sourced on-site from excavation, contaminated fill, etc.) for any berm proposed for the site. | All perimeter berms on site are constructed with on-site soils. | Satisfied. |
| | • With regards to landscape planning we suggest that native species and/or beneficial plantings (such as species favoured by pollinators) be considered during the planning process. | Native species (as is current practice at the Ridge) and beneficial plantings (such as species favoured by pollinators) will be considered for visual screening in the EA. | Satisfied. |
| | The need for landfills, and landfill expansion, is recognized. It is WIFN's intent to promote best practices in resource management throughout its Traditional Territory. To that end, WIFN should continue to be involved in the TOR and EA and be kept informed of | PWS is committed to ongoing consultation with WIFN, other Indigenous Communities, and other agency, public and business stakeholders as part of the EA. This will include updates/changes to the project as the | Satisfied. |

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| | any responses or updates stemming from these comments or the comments of other agencies and stakeholders. | EA process continues. | |

# Ridge Landfill Expansion Environmental Assessment

| Comment | Response | Reference |
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| **MOECC Letter – May 31, 2017** | | |
| ***Needs and Opportunities Assessment*** | | |
| The ministry is of the position that the rationale for the 30.6 million cubic metres (m3) of additional waste disposal capacity over a 20-year planning period (2022 to 2041) should be re-examined. The amended ToR does not provide sufficient justification for maintaining the current annual fill rate of 1.3 million tonnes (approximately 1.5 million m3) for the 20-year planning period when residential and IC&I waste diversion rates are anticipated to increase with the new Resource Recovery and Circular Economy Act and Strategy for a Waste-Free Ontario: Building the Circular Economy. The Needs/Opportunity Assessment provided in Supporting Document 1 of the amended ToR should be revised to account for the additional waste disposal capacity from recently approved landfill expansions, such as Niagara Region's Humberstone Landfill, when forecasting the available waste disposal capacity in Southern Ontario from 2022 to 2041. In addition, the amended ToR also does not provide adequate rationale for proposing to expand the residential service area of the Ridge Landfill to all of Ontario. | Supporting Document #1 – Purpose/Opportunity Assessment (SD1) was revised to:<br>• Provide rationale for the 20 year planning period.<br>• Provide rationale for a maintained annual fill rate of 1.3 million tonnes.<br>• Account for the additional disposal capacity from recently approved landfills.<br>• Remove proposed expansion of the residential service area from consideration in this EA. | Supporting Document #1, Section 2.<br>Supporting Document #1, Section 4.<br>Supporting Document #1, Section 3.<br>Supporting Document #1, Section 5. |
| ***Consideration of Alternatives To the Undertaking*** | | |
| The ministry previously commented on the evaluation of "Alternatives to" in the ToR. It is the ministry's position that a reasonable range of "Alternatives to" the undertaking were not identified. The "Alternatives to" the undertaking considered in the amended ToR appear to be variations of landfilling alternatives in addition to the "do nothing" alternative.<br>Other "Alternatives to" such as energy from waste technology or the establishment of a material recovery facility, were not considered as part of a "long list" of "Alternatives to".<br>The rationale as to why certain "Alternatives to" the undertaking are not feasible and will not be carried forward in the EA should be discussed in the ToR. | Supporting Document #2 – Alternatives to the Undertaking (SD2) was revised as follows:<br>• Additional alternatives to have been considered<br>• Reference to the 1997 EA has been removed | Supporting Document #2, Section 2. |

| Comment | Response | Reference |
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| The Consideration of Alternatives to the Undertaking (Supporting Document 2) indicates that the 1997 Ridge Landfill EA was used as the basis for limiting the "Alternatives to" considered. As Progressive intends to carry out a new EA under a different set of environmental conditions including regulatory and market environments, the information from the 1997 EA and the conclusions made should be verified to confirm if they are still valid as justification for focusing this new EA on a landfill expansion for this site.<br>During the draft ToR review stage, the ministry commented that the questions listed in Section 5.2.6 of the Code of Practice for Preparing and Reviewing ToRs for EAs in Ontario are to help proponents identify a reasonable range of alternatives, but are not intended to be used by proponents to identify the preferred alternative to bring forward into an EA by screening out all other alternatives. Since the "Alternatives to" evaluation criteria listed in Table 1 of Supporting Document 2 are mainly based on the screening questions from the Code of Practice, these criteria and indicators are not specific enough to assess the effects of the alternatives and the undertaking on the environment. Section 5.2.7 of the Code of Practice provides more specific examples of criteria, indicators and data sources for the assessment of alternatives. | | |
| ***Study Areas*** | | |
| The amended ToR proposes three impact study areas: an On-site Study Area, a 1-km radius Off-site Study Area, and the Haul Route Study Area. However, the rationales for the proposed study areas were not provided in the amended ToR.<br>The ministry is of the position that a broader, regional study area should be developed to encompass all potential direct and indirect environmental effects that could result from the undertaking which would include the residential areas serviced by Progressive.<br>This regional study area could also be used in the assessment of cumulative effects.<br>In addition, the ministry acknowledges that study areas for individual impact assessments for each technical discipline can vary; however, the overall EA study area should encompass all of the discipline-specific study areas. | Waste Connections has revised section 4.3 of the Terms of Reference to provide the following description/rationale for the proposed study areas:<br>• The On-site Study Area includes the property on which the current Ridge Landfill and proposed expansion is situated.<br>• The Off-site Study Area encompasses the area within one kilometre (1 km) of the proposed fill area limits. The MOECC Guideline D-4 Land Use on or Near Landfills and Dumps identifies that the Ministry considers the most significant impacts to be typically within 500 m of the perimeter of a | ToR section 4.3 |

| Comment | Response | Reference |
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| Study areas, including discipline-specific study areas (e.g. air quality, socio-economic etc.), proposed at the ToR stage should be refined during the EA process in consultation with government agencies, Indigenous communities and interested members of the public. | fill area. To respect this guideline and be conservative, a general 1 km off-site study area was selected for this project. The 1 km study area is deemed reasonable as any off-site effects have historically occurred within that distance of the Ridge, demonstrated by several decades of operating experience. The 1 km study area is a starting point; however, Waste Connections acknowledges that some technical disciplines will as appropriate consider potential impacts extending beyond this limit.<br>• The Haul Route Study Area encompasses lands immediately adjacent to Communication Road, Drury Line and Erieau Road which are the existing designated haul route for the site.<br>The socio-economic impact assessment will assess potential effects within a regional study area that includes communities in the Municipality of Chatham-Kent. | |
| ***Leachate Treatment*** | | |
| The ministry acknowledges that an assessment of the existing leachate management system, including the Blenheim Waste Water Treatment Plant and associated piping will be undertaken to confirm sufficient capacity for leachate management from an expanded landfill. However, the ToR should also include a proposal to identify and assess in the EA, other long term leachate treatment alternatives, in addition to the Blenheim Waste Water Treatment Plant leachate disposal option. | The Terms of Reference reflects that as part of the EA, Waste Connections will review the capacity of the off-site forcemain and the Blenheim Wastewater Treatment Plant for managing leachate. Other reasonable leachate treatment alternatives will also be considered as part of the impact assessment and mitigation measures recommended for the preferred site development Alternative Method. | ToR section 5.2.1.1 |

| Comment | Response | Reference |
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| ***Contaminating Life Span*** | | |
| Part III of Ontario Regulation 232/98 specifies the requirement to report the contaminating lifespan of a new landfill site or increase in the total waste disposal volume of an existing landfill site. The EA should assess how landfill expansion alternative methods would affect the contaminating lifespan of the Ridge Landfill Site, with respect to contaminants involved in the subsurface migration of landfill gas and leachate, compared to the existing landfill. Although the EA does not need to provide details for landfill closure, the EA should consider the impacts that landfill expansion would have on the environment during all stages of the undertaking include closure/post-closure. | ToR Appendix A (Hydrogeology) has been updated to reflect the approach to determining contaminating lifespan that will be undertaken during the EA. This will include a qualitative approach that includes consideration of waste loading and the leachate generation rate. Additional detail (and equation to be used) is included in Appendix A. | ToR Appendix A (Hydrogeology) |
| ***Cumulative Effects Assessment*** | | |
| Section 5.3 of the amended ToR does not provide sufficient information on how the cumulative effects assessment will be completed in the EA. The amended ToR mentions that the cumulative effects of other existing and potential future developments will be considered, but does not identify the types of cumulative environmental effects that will be examined in the EA such as:<br>• Air<br>• Odour<br>• Noise<br>• Traffic<br>• Natural area (e.g. woodlots)<br>Please refer to the Canadian Environmental Assessment Agency's "Cumulative Effects Assessment Practitioners Guide" (1999) for additional guidance. | The following steps to more specifically describe the process to undertake cumulative effects assessment in the EA have been added to the Terms of Reference:<br>1. Summarize potential future impacts from the proposed expanded Ridge landfill (e.g., noise, odour, traffic related effects, etc.)<br>2. Identify other existing or probable projects/activities that may be constructed and/or operated in the planning period within the project study areas. Such projects will be determined through discussion with the local municipality (Planning Department) as well as through input from project stakeholders.<br>3. The identified projects will be characterized based on the potential for effects including the timing, nature and spatial extent of potential effects. Characterization will be done using available secondary source information. | ToR section 5.3 |

| Comment | Response | Reference |
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| | 4. Identify where there is potential for impacts from the Ridge Landfill expansion to overlap time/space with the effects of other projects/activities.<br>5. For identified potential cumulative effects, describe the nature and extent of these possible effects and as appropriate propose mitigation, impact management and /or monitoring strategies to address them.<br>6. Document results in the EA Report. | |
| ***Air Quality Assessments*** | | |
| The ministry is satisfied that the air quality work plan in the amended ToR has been revised based on ministry input. The ministry recommends additional consultation with the Regional Air Quality Analyst for proposed air quality impact assessments and during the development of any additional air quality monitoring programs at the Ridge Landfill.<br>The ministry notes that there are components missing from the air quality impact assessment work plan with respect to odour and greenhouse gas emissions. The air quality impact assessment work plan does not provide a methodology for determining future odour conditions and impacts to sensitive receptors during the EA. The ToR should also provide a commitment to estimate greenhouse gases emissions, in particular methane and carbon dioxide, that will result from the continued operation of the Ridge Landfill and to identify mitigation measures.<br>The methodology for the estimation of greenhouse gases that will be generated from the landfill site should be included in the air quality work plan or as a separate work plan in the ToR.<br>The ministry acknowledges that Progressive will be considering the effects of greenhouse gas emissions from haul route truck traffic; however there is no discussion in the amended ToR of how the greenhouse gas impacts (positive and negative) of the enhanced diversion alternatives will be assessed.<br>As mentioned above, Progressive should include a work plan outlining how greenhouse gas emissions and mitigation will be assessed in the EA. | Subsequent comments regarding the EA Air Quality scope of work was received from the MOECC (see December 8, 2017 comments later in this table). These and subsequent comments have been clarified during conversations with the MOECC Air Quality Specialist and are addressed in Appendix A of the ToR (Air Quality). | ToR Appendix A – Air Quality |

| Comment | Response | Reference |
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| ***Landfill Gas Utilization*** | | |
| Due to the size of the Ridge Landfill Site, Progressive is encouraged to look at ways to utilize landfill gas other than flaring. The ToR should outline how Progressive will look at alternatives to minimize the release of greenhouse gases from the Ridge Landfill in the EA.<br>In the amended ToR, Progressive states that it is planning to develop a biogas facility to convert landfill gas into a pipeline quality natural gas, but the timing of a future biogas facility has not been confirmed since the timing is based on financial feasibility. The ministry is of the position that the assessment of landfill gas treatment or utilization alternatives and their feasibility can be completed as part of the EA. Please be advised that landfill gas/biogas power generation projects are subject to the Electricity Projects Regulation (Ontario Regulation 116/01) under the Environmental Assessment Act. | Waste Connections is currently evaluating the potential for a biogas facility that would use landfill gas from the Ridge. This facility would not likely be located on the landfill site and may or may not be owned by Waste Connections. It is being considered independently of the expansion of the landfill to proactively address the landfill gas currently being generated at the Ridge Landfill. Waste Connections will incorporate an assessment of landfill gas treatment or utilization alternatives for the expansion into the EA. | ToR section 5.2.1.1 |
| ***Moving Forward*** | | |
| The ToR approval process has a "time-out" provision that allows proponents to amend the ToR if there are outstanding issues that require significant revisions. Progressive has already pursued this option to amend the ToR; however, the ministry has identified several remaining deficiencies. The ministry encourages proponents to withdraw the ToR if more than eight weeks are required to make the necessary amendments to address outstanding issues to ensure a favourable recommendation to the Minister of the Environment and Climate Change. Only one "time-out" is permitted during the ToR process. As Progressive has already taken a "time-out", the ministry is recommending that Progressive withdraw the amended ToR to address the issues identified in this letter. Once withdrawn, Progressive may resubmit a new ToR after the aforementioned issues have been addressed. To withdraw from the ToR process, please provide a formal letter addressed to the Director of the Environmental Approvals Branch that notifies the ministry of Progressive's intent to withdraw the amended ToR. | Waste Connections voluntarily withdrew its Terms of Reference on (August 14, 2017). | RoC Appendix G |

| Comment | Response | Reference |
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| **Waste Connections of Canada - Response to MOECC Comments – August 23, 2017** | | |
| ***Identifying the Problem or Opportunity*** | | |
| The ministry suggests that consideration be given to revising the opportunity statement that speaks to seeking approval for an increase to the current capacity of the Ridge Landfill based on the determination that there is a potential economic benefit associated with addressing the predicted continued demand for the disposal of solid, non-hazardous industrial residual material in Ontario; and, that an increase to the current capacity of Ridge landfill would allow WCCC to effectively address this economic opportunity.<br>To support this opportunity statement, the ministry recommends that WCCC prepare an economic impact assessment/business case analysis as part of the need/opportunity assessment that discusses the future role of the Ridge Landfill in terms of the potential economic benefit associated with addressing the predicted continued demand for the disposal of solid, non-hazardous IC&I material beyond 2022. | A third party independent market assessment for southwestern and central Ontario has been completed and is appended to the revised SD1. | Supporting Document #1, Attachment C. |
| The ministry understands that Chatham-Kent's residential solid waste represents of a small fraction of the total waste received at the Ridge Landfill. As part of the need/opportunity assessment, the ministry recommends that WCCC confirm Chatham-Kent's future waste disposal needs, taking into consideration population growth within the municipality and waste diversion trends. | Chatham-Kent's future disposal needs have been confirmed and are reflected in SD1. | Supporting Document #1, Section 5. |
| As for the four neighbouring counties of Elgin, Lambton, Middlesex and Essex, the need for the Ridge Landfill to provide residential waste disposal service to these four municipalities is unclear, since these municipalities have primary disposal facilities that could possibly be expanded to provide additional waste disposal capacity in the future. | As indicated in the revised SD1, the IC&I service area for an expanded Ridge Landfill is southern and central Ontario. The residential service area is the Municipality of Chatham-Kent. | Supporting Document #1, Section 1. |
| ***Determining a Reasonable Range of Alternatives*** | | |
| Subsection 5.2.5 of the ministry's Code of Practice also makes reference to private sector proponents, stating that the "ministry recognizes that there may be restrictions on some proponents that will limit the range of alternatives examined. The proponent must provide justification in the terms of reference for limiting the examination of alternatives." | Waste Connections has prepared a focused Terms of Reference. SD2 clarifies the alternatives Waste Connections considered to address the opportunity to continue to provide disposal as part of an integrated waste | Supporting Document #2 |

| Comment | Response | Reference |
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| Private proponents, therefore, have the option of preparing an environmental assessment "focused" on the consideration of the "Alternative Methods", provided that sufficient rationale and supporting information are given in the ToR for excluding certain "Alternatives To".<br>This approach differs from the screening of "Alternatives To" mentioned above to "scope" the range of alternatives that will be carried forward and considered during the preparation of the environmental assessment. However, the assessment approach used to support a "focused" environmental assessment must be clear, logical and traceable so that anyone with the same information could reach the same conclusion without any additional assumptions. | management service to IC&I customers in southern and central Ontario beyond 2021. SD2 also clearly explains why landfilling through an expansion at Ridge is Waste Connections' preferred way to fulfill the identified opportunity. | |
| ***Comments on the Proposed Alternatives to the Undertaking*** | | |
| Based on the ministry's position that the opportunity that has prompted the initiation of the environmental assessment process should be the economic benefit associated with addressing the predicted continued demand for post-diversion, solid, non-hazardous IC&I waste disposal capacity, it is reasonable to conclude that the "Alternatives To" available to WCCC will be those that increase the available capacity for the disposal of IC&I waste. Accordingly, WCCC should consider alternatives that can be demonstrated to reasonably address the economic opportunity and are within the scope of its ability to implement in the ToR. | Waste Connections included the following alternatives in SD2:<br>1. Do nothing<br>2. Export Waste out of the Service Area<br>3. Thermal Treatment<br>4. Increased Waste Diversion<br>5. Landfilling within the Service Area | Supporting Document #2, Section 2 |
| *Alternative 3 Thermal Treatment/ Destruction* by Waste Connections - as WCCC disposes 1.3 million tonnes of waste per year at the Ridge Landfill; WCCC should review whether thermal waste disposal technology is a reasonable alternative to landfilling and provide supporting documentation on its feasibility based on considerations such as types and quantities of waste received, in addition to cost considerations. | SD2 discusses thermal treatment and provides a rationale as to why it is not considered a reasonable alternative to landfilling. It concludes that thermal treatment will not be carried forward into the EA. | Supporting Document #2, Attachment C |
| *Alternative 4 Diversion*. The ministry is supportive of WCCC's proposal to prepare a supporting document to the ToR that describes the company's current diversion activities and ongoing system-wide initiatives to improve waste diversion. This document can also include a discussion on how WCCC is working with customers, including Chatham-Kent, to ensure diversion at the source of the generated material takes place. | Information on Waste Connections diversion activities has been included as Attachment A to Supporting Document #2. | Supporting Document #2 Attachment A |

| Comment | Response | Reference |
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| This supporting document should summarize the quantities of waste that WCCC is diverting from landfill and well as new resource recovery programs and projects being planned based on new business opportunities.<br>WCCC should explain in the ToR whether increased waste diversion is a possible alternative for meeting the economic opportunity that prompted the initiation of environmental assessment process.<br>The ToR should also highlight the measures that WCCC implements to ensure that the waste received for disposal at the Ridge Landfill is only post-diversion waste.<br>In the spirit of the new Waste-Free Ontario Act that sets goals to increase diversion in Ontario, WCCC should commit in the ToR to review the feasibility of on-site diversion system alternatives during the environmental assessment. | | |
| *Alternative 5 Disposal at Third Party Landfill Site in Ontario*<br>When considering the waste export alternative(s), the ministry recommends that WCCC identify other third-party waste disposal facilities within its service area and provide supporting information on haulage distances and costs per tonne in its economic impact assessment/business case analysis to explain whether waste export is a reasonable alternative for meeting the economic opportunity that prompted the initiation of environmental assessment process. Inclusion of additional supporting information in the ToR, such as an estimation of the greenhouse gas emissions that would result from the closure of the Ridge Landfill, would to further support the rationale for expanding the existing landfill. | Subsequent discussions with the MOECC have resulted in the removal of this alternative from Supporting Document #2. The alternatives that are being carried forward in SD2 are as follows:<br>1. Do nothing<br>2. Export Waste out of the Service Area<br>3. Thermal Treatment<br>4. Increased Waste Diversion<br>5. Landfilling within the Service Area | Supporting Document #2 |
| *Alternative 6 Disposal at Waste Connections Landfill Site in Ontario*<br>The ministry is supportive of WCCC's proposal to prepare a supporting document to examine if there is another WCCC-owned site that can be developed to provide additional residual IC&I waste disposal capacity, and if this new site can be a reasonable alternative to the Ridge Landfill. If a comparison of the Ridge Landfill site with another site will be undertaken, the comparison should consider site characteristics such as:<br>• land use<br>• archaeological/cultural heritage<br>• transportation and aviation | Supporting Document #2 provides information on Waste Connection owned properties. Based on the size of the properties Waste Connections owns within the service area it is clear that the Ridge Landfill is the only location large enough for a landfill. | Supporting Document #2 Section 2.5 and Attachment B |

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| • terrestrial and aquatic ecosystems<br>• geology/hydrogeology<br>• design and operations<br>• social environment | | |
| **Waste Connections of Canada - Response to MOECC Comments – October 4, 2017** | | |
| ***General*** | | |
| The draft Supporting Document 1 highlights a gap in the projected available waste disposal capacity and the predicted waste generation amounts from the Industrial, Commercial and Institutional (IC&I) sector in the primary service area from 2022 to 2041, but does not adequately quantify what the waste disposal opportunity (e.g. in tonnes or cubic metres) for the Ridge Landfill based on an analysis on historical quantities of waste diverted and disposed by WCCC. | SD1 has been revised to quantify the waste disposal opportunity based on historic quantities of waste diverted and disposed of by Waste Connections. | Supporting Document #1 |
| The ministry suggested in a memo to WCCC dated August 23, 2017 that consideration be given to revising the opportunity statement for the Environmental Assessment (EA) that speaks to seeking approval for an increase to the current capacity of the Ridge Landfill based on the determination that there is a potential economic benefit associated with addressing the predicted continued demand for the disposal of solid, non-hazardous residual IC&I material in Ontario; and, that an increase to the current capacity of Ridge Landfill would allow WCCC to effectively address this economic opportunity.<br>The ministry also recommended that WCCC prepare a business case analysis and economic impact assessment that discusses the future role of the Ridge Landfill in terms of the potential economic benefit associated with addressing the predicted continued demand for the disposal of solid, non-hazardous IC&I material beyond 2022. At the meeting with WCCC on August 22, 2017, the ministry referenced an example of such economic impact analysis completed in support of a focused EA ToR for the expansion of the Terrapure Stoney Creek Regional Facility. An economic impact analysis was not included with the Ridge Landfill ToR's draft Supporting Document 1. | An economic assessment has been completed by an independent third party. The market assessment of central and southwestern Ontario is appended to SD1. | Supporting Document #1, Attachment C. |

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| ***Section 1.0 Introduction*** | | |
| Section 1 outlines the four steps undertaken to determine the gap in IC&I waste disposal capacity within the Ridge Landfill's primary service area (southern and central Ontario) from 2022 to 2041. Although this analysis provides a high level understanding of southern and central Ontario's IC&I waste disposal needs and context, it does not specifically define what the waste disposal opportunity (IC&I and residential) is at the Ridge Landfill. Additional detailed analysis is needed that considers trends in the quantity of IC&I and residential waste disposed at the Ridge Landfill, as well as the role of other large private and municipal landfills within the primary service that also compete for IC&I waste. This type of waste management opportunity assessment was completed as part of BFI's 1997 Ridge Landfill EA and can be applied the draft Supporting Document 1 to further define the Ridge Landfill waste disposal opportunity from 2022 to 2041. | Supporting Document #1 has been revised to focus on the purpose and opportunity for Waste Connections to continue to provide integrated waste management services to IC&I customers in southern and central Ontario for the 20 year planning period beyond 2021. | Supporting Document #1, Section 1 |
| The discussion on the export of IC&I waste to Michigan and New York State would benefit from additional supporting information. For example, page 4 states that long distance transportation of Ontario's commercial waste to Michigan and New York disposal facilities contributes additional greenhouse gas emissions. The greenhouse gas emission impacts resulting from waste transport to other facilities can be quantified and compared with greenhouse gas emissions for waste transport to the Ridge Landfill. | Based on subsequent discussions with the MOECC regarding SD1 in December, 2017, SD1 has been revised. | Supporting Document #1 |
| Section 1.1 should provide an overview of each component of WCCC's integrated IC&I waste collection, recycling, transfer and disposal system, and specify the quantities of waste that is currently being diverted and processed by WCCC's recycling facilities, in addition to the amount of residual waste that is being disposed at the Ridge Landfill or at other waste disposal facilities. Page 9 states that the throughput capacity of the transfer stations in the primary service area is approximately 2,000,000 tonnes per year and that WCCC is able to receive and transfer significantly more than the approved annual capacity of the Ridge Landfill through its own transfer station network alone. It is not described in this section how much of this waste is recycled and how much waste is redirected to other disposal facilities. | SD2 provides information on Waste Connections existing diversion activities including the amount of waste diverted from disposal. | Supporting Document #2, Attachment A |

| Comment | Response | Reference |
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| Paragraphs 9 through 11 in Section 1.1 provide a high level overview of the economic and environmental benefits of the Ridge Landfill. The economic and social impact of the Ridge Landfill would be better described in an economic impact assessment which the ministry recommended in the memo dated August 23, 2017. Information on the benefits of the landfill with respect to the natural environment should be provided in Supporting Document 2 (Alternatives Evaluation) when describing the Ridge Landfill compared to alternative/other sites.<br>Paragraph 12 on page 9 references a "State of the Science Review of Landfill Siting and Site Characterization and Risk in Relation to Landfills" prepared by Dillon Consulting (March 2017). Please remove references to this report as it is a desktop knowledge gap analysis on the siting of landfills sites with advice to the government, and is not intended for use as ministry technical guidance material or be considered as government policy. | The economic and social impact of the Ridge Landfill has been described as part of a market assessment for central and southwestern Ontario. This market assessment is appended to the SD1.<br>The reference to the March 2017 report has been removed. | Supporting Document #1, Attachment C |
| ***Section 3.0 Major IC&I Disposal Facilities*** | | |
| At a meeting with WCCC and Dillon Consulting on June 21, 2017, the ministry suggested that Supporting Document 1 provide a description of the regional waste disposal context that considers the status of large landfills and proposed landfills in the areas served by the Ridge Landfill.<br>Section 3.0 provides a table with the status of large private landfills based on the 2011 reporting year and does not include municipal landfills. Current information (e.g. 2016 reporting year) from private and municipal landfills within the Ridge Landfill's primary service area should be used to forecast future available waste disposal capacity. | SD1 has been revised to describe the regional waste context and status of large landfills and proposed landfills in the service area.<br><br>The service area has been defined as southern and central Ontario for IC&I waste and for the Municipality of Chatham-Kent only for residential waste. | Supporting Document #1, Section 2 |
| ***Section 4.0 IC&I Waste Disposal Problem/Opportunity*** | | |
| As discussed at the last meeting between WCCC and the ministry on August 22, 2017, the ministry suggested that WCCC conduct a business case analysis to identify the potential economic benefit associated with addressing the predicted continued demand for the disposal of solid, non-hazardous residual waste in Ontario, and use this opportunity as the basis for initiating the EA process to expand the Ridge Landfill. | An economic benefits analysis has been completed; a third party independent market assessment for Southwestern and Central Ontario was undertaken to also address this and appended to SD1. | Supporting Document #1, Attachment C |

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| Defining the business opportunity will assist WCCC in focusing the EA on the expansion of the Ridge Landfill site more effectively than employing a problem statement that suggests that the Ridge Landfill is needed to address a widening gap between predicted waste generation rates and the available waste disposal capacity in Ontario. Municipal waste management proponents address a problem or need as they are required to provide waste disposal services to its residents. However, private waste management proponents typically address an economic opportunity as a result of a demand for waste disposal services. Even if there is a future predicted gap between waste generation rates and the available waste disposal capacity in southern and central Ontario, it does not necessarily mean that WCCC and the Ridge Landfill is required to fulfill this need. | The business opportunity has been defined. | |
| ***Section 5.0 Residential Waste Disposal Opportunity*** | | |
| In the ministry's August 23, 2017 memo, the ministry recommended that WCCC confirm Chatham-Kent's future residential waste disposal needs taking into consideration population growth within the municipality and waste diversion trends. This information was not included in Section 5.0 of the draft Supporting Document 1. A figure showing WCCC's primary and secondary residential waste service areas should also be included in Section 5.0. | Chatham-Kent's future residential waste disposal needs given population growth projections and waste diversion trends have been added to SD1.<br><br>There is no longer a secondary residential waste service area. | Supporting Document #1, Attachment E |
| In Section 5.0, WCCC states a preference to provide emergency waste disposal services to Chatham-Kent's four neigbouring counties of Elgin, Lambton, Middlesex and Essex. As these municipalities have primary disposal facilities that can be expanded to provide additional waste disposal capacity in the future, WCCC will need to provide adequate rationale with supporting information to justify this request. WCCC will need to quantify the volumes of residual residential waste from these four counties currently being disposed at the Ridge Landfill, and forecast what these waste disposal quantities will be from 2022 to 2041. | The service area has been revised to include residential waste from Chatham-Kent only. | Supporting Document #1, Section 1 |

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| ***Conclusion*** | | |
| Order to provide sufficient justification, Supporting Document 1 should focus on the business opportunity for addressing the predicted continued demand for the disposal of solid, non-hazardous waste in Ontario, and identify the quantity and type of post-diversion solid, non-hazardous waste that WCCC can reasonable expect to contract for disposal at the Ridge Landfill over a 20-year period. The ministry also requests that WCCC complete and economic impact analysis to illustrate the socio-economic benefits of the Ridge Landfill. | The economic analysis completed focuses on the business opportunity.<br><br>The economic analysis completed illustrates the socio-economic benefits of the Ridge Landfill. | Supporting Document #1, Attachment C |
| **Waste Connections of Canada - Response to MOECC Comments on Supporting Document 1 (Purpose/Opportunity Assessment) – December 4, 2017** | | |
| **Section 1.0, page 1, first paragraph**<br>**Section 1.1, page 8, fourth paragraph**<br>**Section 4.1, page 17, first and third paragraphs**<br>This section mentions that the "Ridge has received two prior approvals under the Ontario Environmental Assessment Act". The Environmental Screening Process is a self-assessment process that does not require *Environmental Assessment Act* approval by the ministry. This process falls under Regulation 101/07 made under the *Environmental Assessment Act* (EA Act). The application to amend the annual disposal rate in the existing Environmental Compliance Approval for the Ridge Landfill Site was made under the *Environmental Protection Act*.<br>Text edits are required to reflect that:<br>• an environmental assessment (EA) was completed in 1997 by the previous owner BFI Canada to expand the Ridge to provide additional waste disposal capacity over a 20 year period.<br>• EA Act approval was obtained in 1998 and the fill area was expanded in 2000.<br>• an Environmental Screening Process was completed in 2012 to allow an increase to the annual tonnage received at the Ridge from 899,000 to 1,300,000 tonnes, but the approved site capacity remained the same. | Supporting Document #1 has been revised to reflect these recommendations. | Supporting Document #1, Section 1. |
| **Section 1.0, page 1, fifth paragraph**<br>SD#1 mentions that Waste Connections is prepared to reduce the IC&I and | Reference to "proposed service area" or "primary service area" has been revised to | Supporting Document #1 |

| Comment | Response | Reference |
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| residential services areas of the Ridge Landfill. Figure 1 shows a "proposed" IC&I service area covering central to southern Ontario IC&I.<br>This area was understood to be the Ridge Landfill's primary service area in the September 2017 version of SD#1. One of the purposes of SD#1 is to illustrate the demand for residual IC&I waste disposal services within the Ridge Landfill's service area over the next 20 years; therefore, the discussion of service area modifications appears to be premature.<br>Rename the "proposed IC&I service area" to primary IC&I service area or IC&I disposal study area throughout SD#1. If IC&I and residential service areas will be examined/confirmed in the EA, this should be a stated as a commitment in the Terms of Reference. | "service area" throughout. | |
| **Section 1.0, page 1, fourth paragraph**<br>**Section 1.0, page 3, last paragraph**<br>**Section 4.1, page 17, second paragraph**<br>**Section 4.2, pages 20-21**<br>SD#1 has assumed that it is provincial and social objective to ensure that there is adequate long term capacity in Ontario to manage IC&I waste generated in this province, and that it is unwise to continue relying on IC&I waste export to the United States. Although the word "moral" from the September 2017 draft has been replaced with the word "social", this type of language is not consistent with MOECC's recommendation to present Waste Connection's business case for continuing to provide waste disposal services at the Ridge Landfill in SD#1.<br>Section 4.1 also states that it is an untenable and undesirable situation for Ontario to continue to rely on another country to disposal of a significant proportion of the commercial waste generated in the province going forward.<br>Please remove this type of language from SD#1. | Supporting Document #1 has been revised to address these comments. | Supporting Document #1 |
| **Section 1.1, page 6, Figure 3**<br>Section 1.1 discusses Waste Connections' collection, processing and transfer facilities, but these facilities are not distinguishable in Figure 3. Use different symbols to distinguish between collection, processing/recycling, and transfer station sites in Figure 3. | Figure 3 has been updated | Supporting Document #1, Figure 3 |

| Comment | Response | Reference |
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| **Section 2.2, page 13, Figure 6**<br>Please append the residual IC&I waste forecast data used to generate this figure to SD#1.<br>Please include IC&I waste forecast numbers for the three diversion scenarios in the appendices. | This information has been included in the revised Supporting Document #1. | Supporting Document #1, Attachment D |
| **Section 3.1, page 15, Figure 7**<br>As discussed at the October 25, 2017 meeting, this graph should show the remaining disposal capacity (volume in cubic metres or amount in tonnes) at the major existing waste disposal sites within the Ridge Landfill's (primary) service area over the planning period. Remaining disposal capacity within the service area will gradually decline in the absence of further landfill expansions and new waste disposal facility proposals.<br>Please revise the graph to show a projection of the anticipated remaining disposal capacity (volume in cubic metres or amount in tonnes) at the major landfill sites listed in Table 2 in over the 2022-2041 planning period using data obtained from the MOECC. Supporting data used for these projections and graphs should be included as appendices. | Supporting Document #1 has been revised and this information is presented in Figure 6. Supporting data for the projections is found in Attachment D. | Supporting Document #1, Figure 6 and Appendix D |
| **Section 3.2, page 15, Table 3**<br>Table 3 lists proposed new waste disposal facilities and expansions. Annual disposal rates in tonnes per year are listed in the table as opposed to the waste disposal capacity (volume in cubic metres or amount in tonnes) for which approval is being sought.<br>The potential available capacity from proposed landfill expansions and new facilities (excluding the Ridge Landfill) should be added to the graph in Figure 7 to show what new residual IC&I waste disposal capacity may appear over the planning period.<br>Please include a dashed line in Figure 7 that illustrates the potential additional waste disposal capacity (volume in cubic metres or amount in tonnes) that could result from the proposed Walker Environmental Southwestern Landfill and expansions (excluding the Ridge Landfill). | Figure 7 has been updated accordingly. | Supporting Document #1, Figure 7 |

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| **Section 4.1, page 16, Figure 8**<br>Please note that the approved annual waste disposal rate (tonnes/year) is not synonymous with the approved landfill capacity (volume in cubic metres or amount in tonnes).<br>Correct references to "permitted capacity" in the legend of Figure 8 to approved annual waste disposal rate. | Figure 8 has been updated accordingly. | Supporting Document #1, Figure 8 |
| **Section 4.0, throughout**<br>There are references to an "annual capacity limit" throughout this section. The correct term should be annual disposal rate. Please note that increases in annual waste disposal rates can result in the waste disposal facility reaching its approved capacity earlier than planned.<br>Change "annual capacity limit" to "annual disposal rate" throughout section 4.0. | This has been updated throughout. | Supporting Document #1, Section 4. |
| **Section 4.1, page 17, second paragraph**<br>This paragraph implies that all landfill expansion and new proposals need to be approved. The purpose of SD#1 is to show that there is a continued demand for residual IC&I waste disposal in the Ridge Landfill's service area from 2022-2041 and to identify the business opportunity for Waste Connections to expand the Ridge Landfill.<br>Please remove text in this paragraph that is unrelated to the business opportunity for Waste Connections to continue providing residual waste disposal services at the Ridge Landfill from 2022-2041. | This text has been removed. | Supporting Document #1, Section 4 |
| **Section 4.1, page 18, second paragraph**<br>At the of October 25, 2017, MOECC requested that Waste Connections discuss how the annual disposal rate of 1.3 million tonnes will change with the implementation of the *Waste-Free Ontario Act* and Strategy and to provide an estimate of what the annual disposal rate would be in 10 or 20 years. The BFI 1997 EA provided an estimate of the IC&I waste disposal opportunity anticipated at the Ridge Landfill for the year 2011.<br>The economic analysis provided in Attachment A states that the results of the 1996 waste opportunity assessment that formed part of the 1997 EA is valid | This has been addressed in the revised economic analysis. | Supporting Document #1, Attachment C |

| Comment | Response | Reference |
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| today and supports the proposition that Ridge Landfill will be able to fulfill and maintain the current 1.3 million tonnes per year annual disposal rate. However, there is insufficient information in Attachment A to support this claim.<br>Provide an objective estimate of the residual IC&I waste (waste disposal opportunity) that can be reasonably contracted at the Ridge Landfill from 2022-2041 with detailed supporting information.<br>If this analysis cannot be completed at this time, a commitment should be made in the Terms of Reference to confirm the waste disposal opportunity at the beginning of the EA. | | |
| **Section 4.1, page 18, third paragraph**<br>Attachment A (The Economic Analysis of the Market for IC&I Waste in Central and Southwestern Ontario) is noted as a third party, independent economic analysis; however, it relies on results from draft SD#1.<br>Please refer to the proposed action for comment #14. | Appendices have been added and the graphs have been modified as per MOECC comments. | Supporting Document #1, Attachment C |
| **Section 4.2, page 19, Figure 9.**<br>Figure 9 is a combination of the "base case scenario" of projected residual IC&I waste amounts shown in Figure 6, and Figure 7 which shows the available waste disposal capacity within the (primary) service area from 2022-2041. Comments #7 and #8 explain the necessary modifications to Figure 7 with respect to plotting the remaining capacity at the major waste disposal sites within the service area during the 20 year planning period.<br>Please modify Figure 9 based on revisions to Figure 7. | Figures 7 and 9 have been updated. | Supporting Document #1, Figures 7 and 9 |
| **Section 4.2, page 20, Figure 10**<br>To show that there is an opportunity for Waste Connections to provide additional residual IC&I waste disposal capacity at the Ridge Landfill, the planned capacity at the Ridge Landfill should not be included in the graph. It is unclear if the proposed additional capacity at the Ridge Landfill was plotted in Figure 10 since supporting data was not provided in the appendices. The "existing approved plus planned capacity" line exceeds the "projected residual waste quantities" line between 2025 and 2036. The graph currently shows that there will be an excess of disposal capacity between 2025 and 2036 if all proposed | Graphs have been updated per MOECC comments. | Supporting Document #1, Figure 10 |

| Comment | Response | Reference |
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| expansions and new landfills are approved.<br>Please provide supporting data for Figure 10 in the appendices and modify the graph based on MOECC comments. | | |
| **Section 5.0, page 22, Table 4**<br>Table 4 shows the historical quantities of residential waste generated and diverted in Chatham-Kent from 2006 to 2015. The table should also include residential waste generation and diversion projections for the municipality from 2021 to 2041.<br>Add residential waste generation and diversion projections for Chatham-Kent over the 20 year planning period to Table 4. | Section 5 has been updated to reflect residential waste generation and diversion projections for the Municipality of Chatham-Kent. | Supporting Document #1 Section 5 and Attachment E |
| **Waste Connections of Canada - Response to MOECC Comments on Supporting Document 2 (Alternatives to the Undertaking) – December 8, 2017** | | |
| **Section 1.0, and throughout document**<br>This introduction speaks of the problems that would result if the Ridge Landfill were to close and of the superior environmental setting of the landfill. There is also reference to SD#1 that states that there is a need and opportunity for the Ridge Landfill to continue to provide disposal capacity with and without any or all of the other proposed new and expanded facilities that are currently under consideration.<br>As mentioned in the MOECC's December 4, 2017 comments on SD#1, please remove text in the document that is unrelated to the business opportunity for Waste Connections. The introduction should instead clearly state the business opportunity identified by Waste Connections and the purpose of initiating an environmental assessment.<br>Please revise the introduction to:<br>• indicate that the Ridge Landfill is nearing<br>• capacity<br>• state that Waste Connections has identified a<br>• business opportunity to expand the Ridge Landfill<br>• explain that Waste Connections is proposing to undertake and environmental assessment to secure additional residual waste disposal capacity in order to | Supporting Document #2 has been revised. This comment has been addressed. | Supporting Document #2, section 1 |

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| continue providing integrated waste disposal services<br>• specify Environmental Assessment Act requirements<br>• provide the rationale/justification for proposing to prepare a "focused" EA for expanding the Ridge Landfill | | |
| **Section 2.0, page 2**<br>Page 32 of the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessment in Ontario (ToR Code of Practice) provides a list of questions that proponents should consider, at minimum, when determining the range of alternatives that will be considered in the environmental assessment. A reasonable range of alternatives are potentially feasible activities to address the problem or opportunity, and are within the proponent's ability to implement.<br>Provide a clear purpose or opportunity statement to facilitate the selection and consideration of a reasonable range of alternatives to the undertaking. The alternatives to the undertaking may change based on the opportunity statement and purpose of the EA. | Supporting Document #2 has been revised and this comment has been addressed. | Supporting Document #2, section 2 |
| Waste Connections has outlined five alternatives for securing additional waste disposal capacity in addition to the "do nothing" alternative:<br>• Export to the U.S. for disposal<br>• Thermal treatment/destruction<br>• Diversion<br>• Disposal at a third party landfill site in Ontario<br>• Disposal at a Waste Connections owned site<br>There is an opportunity to reorganize the alternatives above using the questions on page 32 of the ToR Code of Practice, if a purpose or opportunity statement is clearly defined.<br>For example, if the purpose is to secure additional waste disposal capacity for the Ridge Landfill's primary service area, while maintaining an integrated waste disposal network (waste collection, processing and disposal), then reasonable alternatives for Waste Connections (WCC) could be:<br>• Export Waste (out of service area)<br>o to a WCC facility (or facilities) in Ontario (e.g. Navan Landfill)<br>o to a WCC facility in another province (e.g. Quebec) | Supporting Document #2 has been revised. The alternatives considered are as follows:<br>1. Do nothing<br>2. Export Waste outside the service area<br>3. Thermal treatment<br>4. Increased waste diversion<br>5. Landfilling within the Service area | Supporting Document #2, section 2 |

| Comment | Response | Reference |
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| ○ to a WCC facility in the United States (e.g. Brent Run Landfill)<br>• Thermal treatment (Construct thermal treatment facility at a WCC-owned site)<br>• Increased waste diversion (within the WCC waste management system)<br>• Landfilling (within the service area)<br>○ Expanding existing WCC site (or multiple sites)<br>○ Constructing a new site on WCC property.<br>After a reasonable range of alternatives to the undertaking have been determined, WCC can then consider these alternatives in detail, and provide justification and supporting information as to which alternative(s) best address the business opportunity. | | |
| **Section 2.1, page 3**<br>Additional detail is needed to define the "do nothing" scenario, as this alternative will be carried forward in the EA as the baseline for comparison.<br>Add more information to describe the "do nothing" alternative and how it will be carried forward in the EA. | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 2.1 |
| **Section 2.2, page 3**<br>The waste export alternative needs to be better defined. Which facilities in the U.S. will the Ridge Landfill's waste be exported to? Alternatives to the undertaking should be described in terms of possible WCC activities.<br>A discussion of whether waste export is a viable means for addressing the opportunity can also be included in this section.<br>Detailed information such as haulage distances, disposal costs per tonne, and greenhouse gas emissions that would result from the closure of the Ridge Landfill could further support the rationale for expanding the existing landfill.<br>Add more information to define the waste export alternative and discuss whether this alternative can address the opportunity. | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 2.2 |
| **Section 2.3, pages 3 and 4**<br>MOECC commented in a memo dated August 23, 2017 that WCC should review whether thermal waste disposal technology is a viable means for addressing the business opportunity, and provide supporting documentation on its feasibility | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 2.3 and Attachment C. |

| Comment | Response | Reference |
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| based on considerations such as types and quantities of waste received, in addition to cost<br>Considerations. This has not been completed to a sufficient level of detail.<br>Add more information to describe the thermal treatment alternative. Discuss whether this alternative can address the opportunity and provide supporting information. | | |
| **Section 2.4, pages 4 and 5**<br>The waste diversion alternative would be more suitably named "increased waste diversion". The section should describe the alternative in terms of what WCC can do to further increase waste diversion which would have the effect of freeing up "additional" landfill capacity at the Ridge Landfill.<br>Reframe this alternative to the undertaking as "increased waste diversion" by WCC. It would also be beneficial to state WCC's commitment (which is mentioned in the conclusion of Attachment A) to examine ways to enhance its existing waste diversion activities, either at source, at the Ridge Landfill or elsewhere in WCC's integrated system in the EA. | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 2.4 |
| **Section 3.0, pages 5 to 9**<br>The four questions used to assess the alternatives appear to be variations of some of the questions listed on page 32 of the ToR Code of Practice.<br>The questions on page 32 are intended to help proponents develop a reasonable range of alternatives to carry forward in the EA (e.g. short-listing alternatives from a long list).<br>For generic EAs, alternatives to the undertaking and alternative methods are assessed using evaluation criteria developed for all components of the environment (natural, social, cultural, built, economic etc.).<br>As WCC is a private proponent wishing to focus the EA on the evaluation of alternative methods for expanding the Ridge Landfill, WCC has to demonstrate that it does not have any alternatives to the proposal other than the "do nothing" alternative. This is acceptable as long as justification is provided for doing so. Including information and analyses to support the justification is necessary. | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 2 |

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| To provide clarity to the document, the MOECC recommends that WCC provide justification as to why certain alternatives are not feasible for the company in Section 2.0 along with the detailed description of alternatives. This will replace the need for Section 3.0.<br>Please ensure that the language used relate to the to the business opportunity for WCC to continue providing residual waste disposal services at the Ridge Landfill. All statements made should be supported by factual information. | | |
| **Section 4.0, pages 10 to 12**<br>In this summary and conclusion section, advantages and disadvantages of each alternative (including the "do nothing" alternative) are discussed with respect to the four questions considered in Section 3.0. As mentioned in the August 23, 2017 memo, "do nothing" is not intended to be considered as a reasonable way in which the opportunity that prompted the initiation of the EA process can be addressed. It represents the benchmark against which the advantages and disadvantages of the alternatives being considered can be measured and compared. Therefore, advantages and disadvantages of EA alternatives should be compared against the "do nothing" alternative. The comparison of advantages and disadvantages is typically completed during the EA when evaluating alternatives, and when describing the preferred undertaking.<br>Provide a summary of how WCC concluded that there are no feasible alternatives to expanding the Ridge Landfill that can reasonably be considered by WCC in the EA. The conclusion should also mention that the "do nothing" alternative will be carried forward in the EA as the baseline to the assessment of the proposed undertaking, and that WCC will continue to pursue and implement additional waste diversion opportunities. | Supporting Document #2 has been updated and this has been addressed. | Supporting Document #2, section 3 |
| **Attachment A, Table A-1**<br>This table mentions a "proposed service area".<br>Rename "proposed service area" to primary IC&I service area of IC&I disposal study area. | Supporting Document #2 has been updated and this has been addressed. We have used the term "service area" throughout. | Supporting Document #2, Attachment A |
| **Waste Connections of Canada - Response to MOECC Comments on Air Quality Scope of Work for Ridge Landfill Expansion EA –** | | |

| Comment | Response | Reference |
|---|---|---|
| **December 8, 2017** | | |
| ***Previous Outstanding MOECC Southwest Region Air Quality Analyst Comments*** | | |
| The wording in the scope of work should be updated to state that the contaminants listed will be the minimum number of contaminants included in the detailed modelling. It should also be stated that the EA will provide a clear rational as to the selection of the contaminants listed as worst-case representative indicator compounds. As a minimum, $PM_{10}$ and chloroform should also be included in the detailed modelling, as well as the eight contaminants listed. | A telephone conversation was held with the Southwest Region Air Quality Analyst on December 14, 2017. The summary of the Air Quality work plan presented in Appendix A of the ToR has been updated to reflect this discussion. Ongoing communication with the Air Quality Analyst will occur during the EA to refine the scope of work. | ToR Appendix A (Air Quality) |
| The scope of work should be updated to state that the EA will also include a section to discuss if mitigation and/or future monitoring will be required, based on the results of the assessment. | | |
| ***Additional Comments*** | | |
| The scope of work should be updated to clarify how the proponent intends to establish the baseline concentrations surrounding the facility and at sensitive receptors. This should also include modelling the current state of the landfill. | | |
| The scope of work should be updated to state that the assessment of GHG emissions will also include emissions from on and off site mobile vehicles associated with the landfill (including from haul route traffic). | | |
| The scope of work should be updated to clarify the modelling iterations that will be included in the EA. The modelling should include various stages throughout the lifetime of the landfill including a post-closure scenario. | | |
| The scope of work should be updated to state that the predicted concentrations of contaminants will be compared against any relevant AAQC, or other standards and guidelines including the CAAQS. | | |