

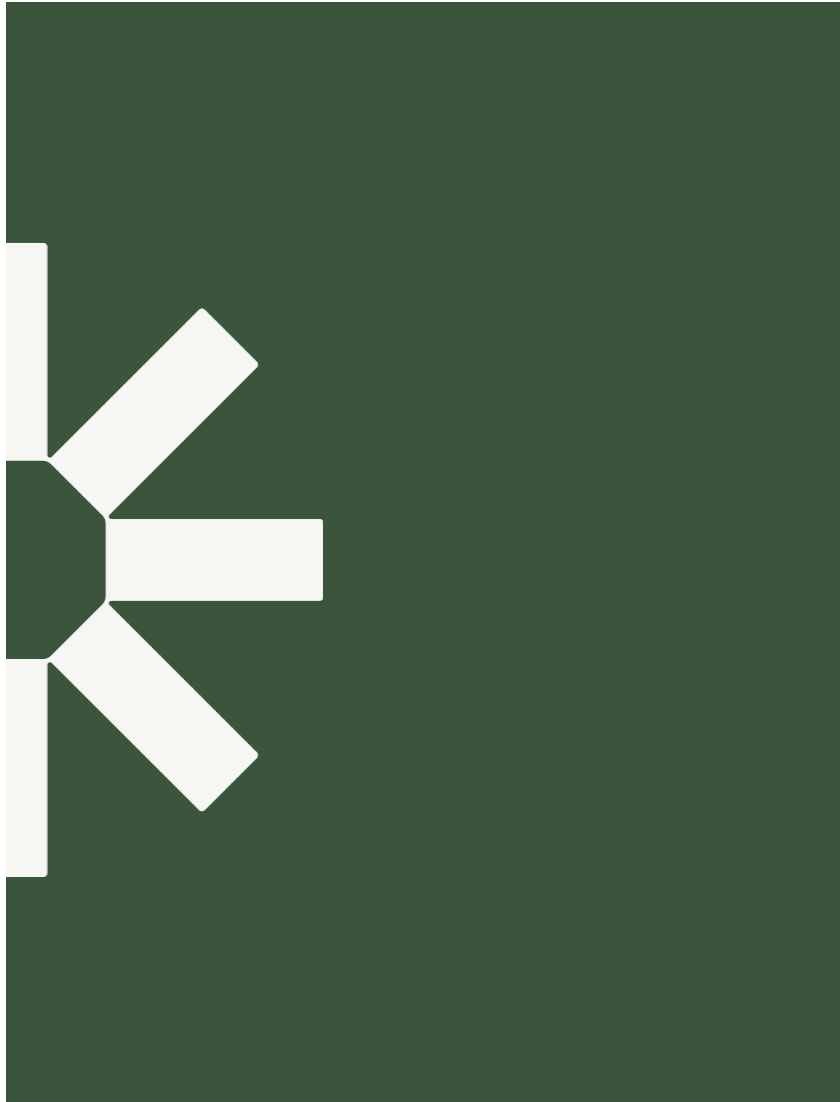
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Environmental Assessment Advisory Committee Meeting 4

Social Impact Assessment

South Landfill Phase 2

November 2025





Agenda

1. Introduction and what is a “Social Impact Assessment”
?
 2. Study Areas and Assessment Criteria
 3. Assessment Methods / Integration with Other Studies
 4. Next Steps
-



Introduction

Social Assessment Lead – Tomasz Wlodarczyk, B.Sc., M.E.S

Senior Advisor, Environmental and Social Impact Assessment

- 30+ Years of Experience
- Expertise in Several Areas:
 - Environmental and Social Impact Assessment / Impact Management
 - Gender Based Analysis Plus (GBA+),
 - Cumulative Effects Assessment
 - Community Engagement
 - Strategic Environmental Assessment

Social Assessment Project Experience Examples:

- Walker's South Landfill (Niagara Falls), Taro Landfill (Hamilton), West Carleton (Ottawa)
- Renewable Energy
- Nuclear power generation / Nuclear waste disposal
- Mines
- Infrastructure (power, roads, airports, etc.)



What is a Social Impact Assessment (SIA)

A Social Impact Assessment:

- Is a process of describing existing and likely future conditions, analyzing and managing the changes or outcomes of a project.
- Considers both positive and negative outcomes.
- Results in recommendations for mitigation, monitoring and contingency measures
- Is often part of a larger environmental assessment process, undertaken in accordance with provincial or federal legislation (e.g., Ontario's Environmental Assessment Act)
- Is done from the perspective of those likely to be affected by a project.
- Must consider the changes in the biophysical environment (e.g., air quality, noise, ecology, etc.), traffic, land use.

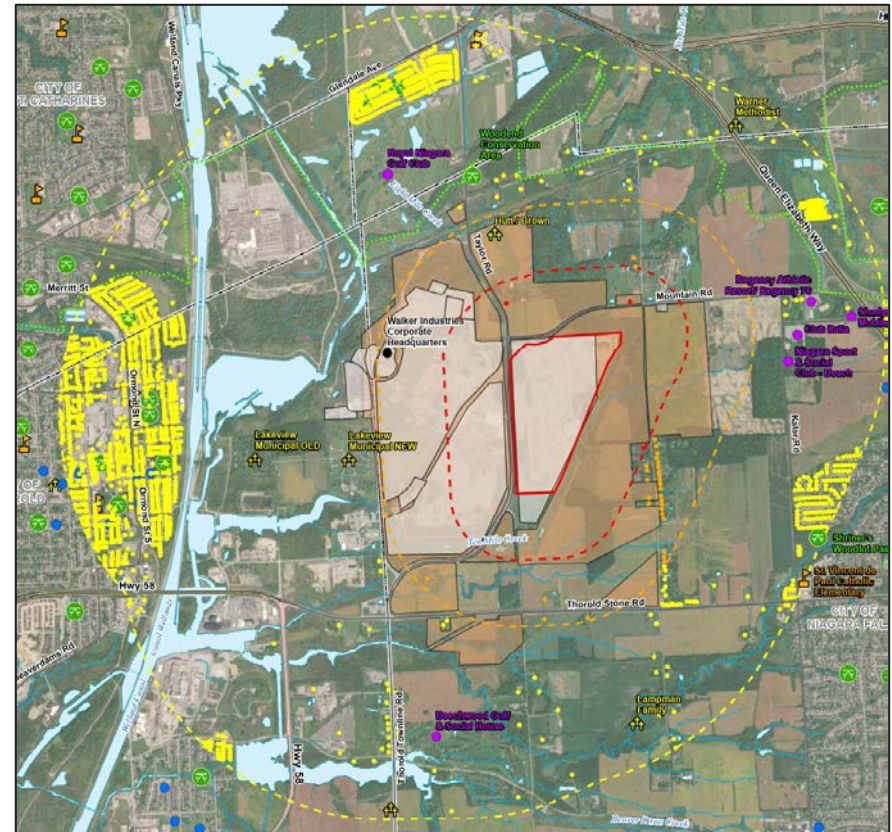


Local Study Area (LSA)

Includes all properties within a two (2) kilometer (km) radius line beyond the Walker Resource Management Campus boundary.

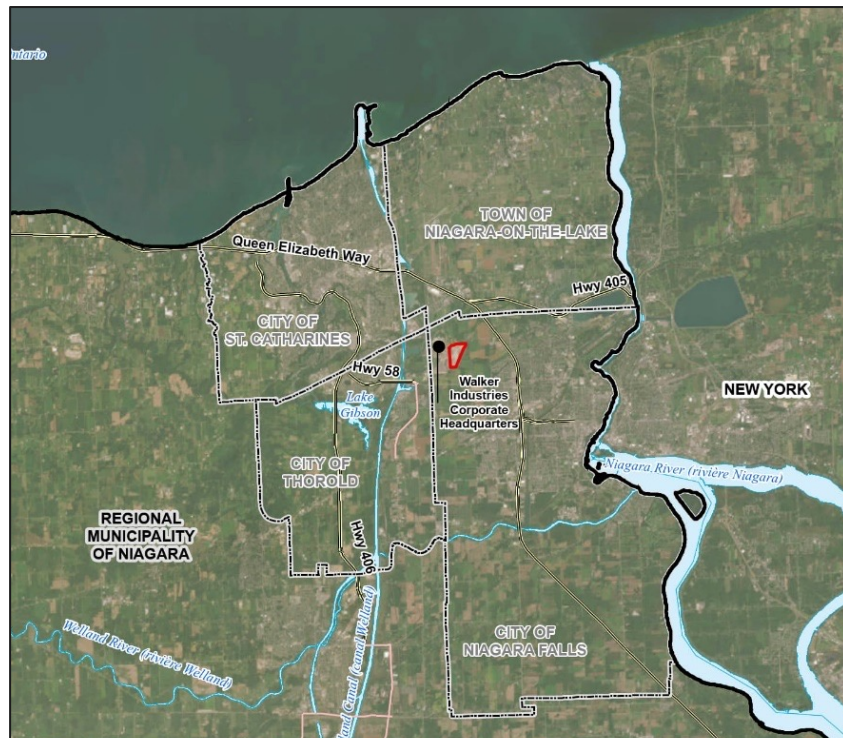
Includes portions of Niagara Falls, Niagara-on-the-Lake, St. Catharines and Thorold.

Extends to areas outside of the 2 km radius to include the White Oaks Conference Resort and Spa





Regional Study Area (RSA)



Includes the municipalities of Niagara Falls, St. Catharines, Niagara-on-the-Lake and Thorold.

Includes communities within the closest municipalities that might be aware of; use the services available at the Walker Resource Management Campus; visit the LSA and use its amenities; or have an interest in the Walker South Landfill Phase 2 Project.



Assessment Criteria

The Social Impact Assessment Criteria were developed and approved by the MECP during the Term of Reference stage of the Environmental Assessment process.

Assessment Criteria	Indicators
Displacement of Residents from Houses	<ul style="list-style-type: none">▪ The number of households/residents (property owners and tenants) to be displaced (i.e., forced relocation) by the project itself regardless of whether their property has been purchased or not▪ The potential for or likelihood of voluntary out-migration of residents for consideration of the indirect effects on community character and cohesion
Disruption to Use and Enjoyment of Residential Properties	<ul style="list-style-type: none">▪ The number of existing residential households and/or future households that are located at specific receptor locations and potentially affected by noise, dust, odour, traffic, agricultural and visual effects; and the potential for and likelihood of changes in the presence of vermin and gulls▪ The number of existing residential households fronting/backing onto a haul route and potentially affected by changes in project related traffic and traffic noise▪ Potential for or likelihood of changes in peoples' use of residential property
Disruption to Use and Enjoyment of Public Facilities and Institutions	<ul style="list-style-type: none">▪ The number of existing public facilities and institutions that may be affected by nuisance factors such as noise, dust, odour, traffic and visual effects; and the potential for and likelihood of changes in the presence of vermin and gulls▪ Potential for or likelihood of changes in operations of public facilities and institutions▪ Potential for or likelihood of changes in use and enjoyment of public facilities and institutions



Assessment Criteria

The Social Impact Assessment Criteria were developed and approved by the MECP during the Term of Reference stage of the Environmental Assessment process.

Assessment Criteria	Indicators
Loss / Disruption of Recreational Resources	<ul style="list-style-type: none">▪ The number/nature of existing recreational resources and/or future features potentially affected by noise, dust, odour, visual effects and changes in project-related traffic; and the potential for and likelihood of changes in the presence of vermin and gulls▪ Potential for or likelihood of changes in operations of recreational features▪ Potential for or likelihood of changes in use and enjoyment of recreational resources
Changes to Community Character	<ul style="list-style-type: none">▪ Compatibility of landfill operations with the existing and likely future character of the community▪ Compatibility of the proposed end use with the existing and likely future character of the community
Changes to Community Cohesion	<ul style="list-style-type: none">▪ The extent of displacement▪ The potential for or likelihood of voluntary out-migration▪ Loss and the extent of disruption of recreational resources, public facilities and institutions, and the use and enjoyment of residential properties



Assessment Methods

Background data, including secondary source information and field mapping, is being collected:

- Field Reconnaissance Mapping;
- Secondary Source Data (e.g., databases, websites, reports)
- Statistics Canada Data (e.g., population, demographics, households, mobility, etc.)
- Case Study and Literature Review (e.g., South Landfill Phase 1 EA and compliance reports, other landfills and relevant studies)

Primary data is being collected through several field studies and questionnaires:

- Recreational Field Survey in the LSA (50 interviews at 10 locations)
- Site Neighbour Questionnaire in the Site Vicinity within the LSA (~ 260 households)
- Public Attitude Research (PAR) via telephone surveys conducted randomly in the RSA and LSA (A sample of 1,224 achieves a margin of error of $\pm 2.8\%$, 19 times out of 20)



Assessment Methods

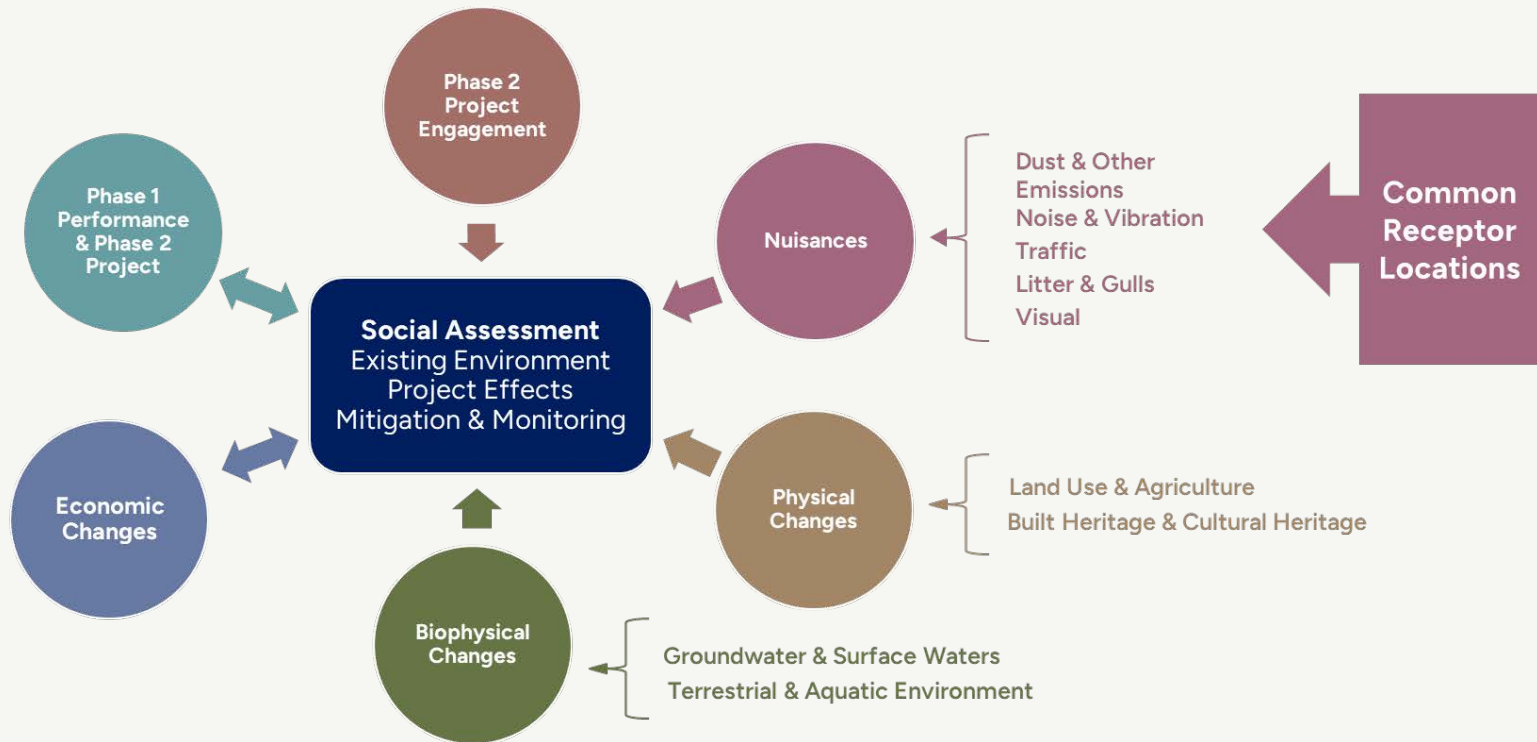
Interviews with Community Knowledge / Data Holders

- **Community Facility Operators (e.g., Niagara public works, churches/cemetery operators)**
- **Educational Facility Operators (e.g., Niagara College, school boards, nearby schools and day cares)**
- **Woodend Conservation Area and the Niagara Peninsula Conservation Authority**
- **Community organizations and clubs (e.g., golf club, social clubs, cycling clubs, Bruce Trail club)**
- **Municipal Government Officials (e.g., Planning, Public Works, Transportation, Recreation/Parks, Public Health, EMS, Police, Tourism)**





Integration with Other Studies





Next Steps – 2026

1. Complete Analysis of PAR and Recreational Survey Data
2. Receive Site Neighbour Surveys and Complete Analysis
3. Commence Interviews with Community Data / Knowledge Holders
 - *Your suggestions who we should be talking to are welcome*
4. Complete Existing Social Environment Report
5. Commence the Detailed Impact Assessment. This will:
 - integrate results from other studies
 - include analysis of nuisance effects at common receptors
 - include a cumulative effects assessment
 - recommend mitigation and monitoring





Do you
have any
questions?



Making
Sustainability
Happen

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→ Janet Oswald
Environmental Planner
Nicole Charlton
Senior Terrestrial Ecologist

**EA Process &
Visual and Ecological Studies
Walker South Landfill Phase 2**

Welcome

Environmental Assessment Process

→ Detailed Impact Assessment

GHD's role in the Environmental Assessment Process

Planning

- Assist Walker with planning the EA so it is conducted in accordance with *Codes of Practice*, and general best practices

Coordination

- Supporting technical disciplines
- Connecting across disciplines
- Actively look for gaps or issues early to help make sure concerns are addressed

Consultation

- Government Review Team
- General support

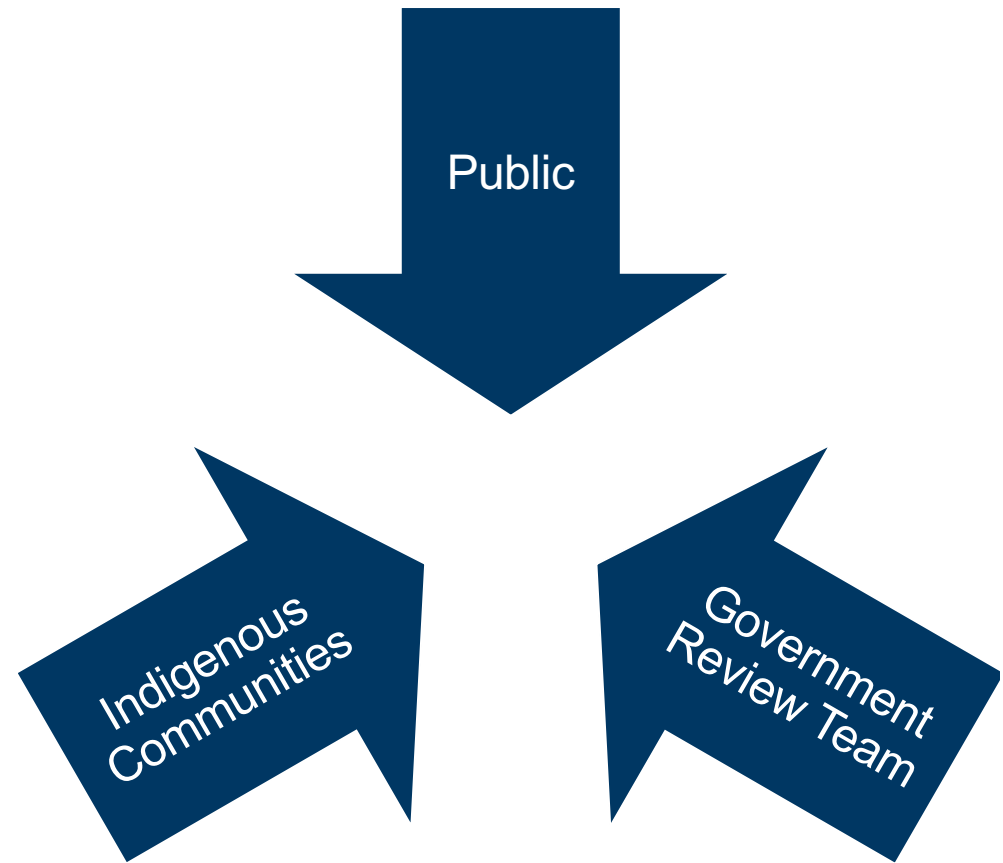
Documentation

- Lead authors of the core EA documents
- Focused on transparent and traceable documentation

Next Step in the EA Process

Detailed Impact Assessment

- Based on next level of design detail
- Modelling, for some technical disciplines
- Sharing of information between disciplines
- Re-visiting potential effects
- Re-confirming/updating mitigation measures
- Considering climate change and cumulative effects
- Identifying monitoring requirements
- Identifying opportunities for enhancement
- Further considering end use



Visual

→ Impact Assessment Process

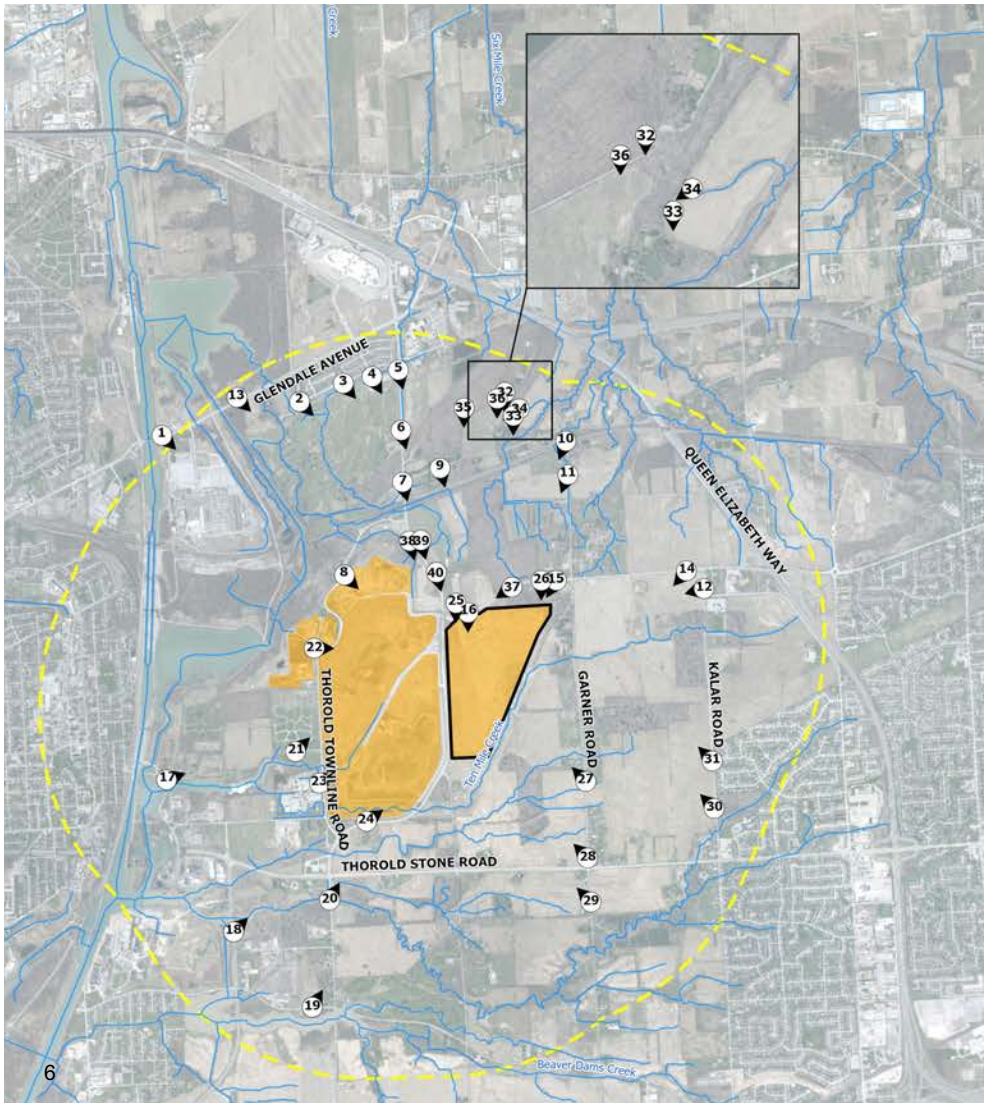
Existing Visual Conditions



Photos taken from 40 locations to:

- Document current views of the site.
- Identify locations from which we may need to mitigate changes to views.

Photos taken from additional locations in response to feedback from the Niagara Escarpment Commission.



Comparing the Alternative Landfill Configuration Options

A



B



C



– Artistic Impressions generated for each of the three options at three locations:

- #16 – Mountain Road, east of Taylor Road
- #27 – Garner Road, southeast of the site
- #40 – Taylor Road, north of the site**

– From the Visual perspective, Option C was the most preferred, due to its lower height.

– Option A selected as the recommended method, but its overall height has been decreased, in part to reduce the visual impact.

– Additional visual mitigation measures will be confirmed in the next step.

– Leachate Management Option A marginally preferred from the visual perspective.



Detailed Visual Impact Assessment

- Collection of additional photos (seeking input)
- Update artistic impressions
- Layer in mitigation measures, as needed, such as berms and vegetative screening
- Assess the net effects to the visual environment

Examples of Visual Mitigation

- Screening
 - Berms
 - Vegetation plantings
 - Fencing
- Operational
 - Placement/storage of equipment
 - Interim cover/seeding

Input, Review, and Knowledge Sharing

- Meeting with the Niagara Escarpment Commission
- The draft Visual Impact Assessment will be an appendix to the draft Environmental Assessment Report.
- Findings of the Visual Impact Assessment will inform the Social Impact Assessment

Ecology

→ Terrestrial and Aquatic Environment



Existing Ecological Conditions



Eighteen site visits between 2023-2025. Investigations included:

- Amphibian Call Count Surveys
- Aquatic Habitat Assessment
- Bat Acoustic Monitoring
- Breeding Bird Surveys
- Ecological Land Classification and Botanical Inventory
- Snake Coverboard Surveys
- Significant Wildlife Habitat Screening
- Species at Risk Screening
- Documenting Wetland Communities

Comparing the Alternative Methods

Landfill Configuration Options

- From the Terrestrial and Aquatic perspective, there were no differences in the three options.

Leachate Management Options

- From the Terrestrial and Aquatic perspective, assessment of both options resulted in low net effects.
- Option A, continued use of the municipal wastewater system, was preferred.





Examples of Mitigation

- Limit areas of impact/adjust through design
- Construction Environmental Management Plan
- Transplant/salvage vegetation
- Pre-construction survey for invasive/noxious plants
- Compensation

12

Detailed Impact Assessment

- Based on the next stage of design detail and inputs from other technical teams
 - Re-visit potential effects to the terrestrial and aquatic environment
 - Refine proposed mitigation measures
 - Assess the net effects and identify enhancement opportunities for operation phase and at end-use

Input and Review

- Ongoing consultation with the Conservation Authority, municipalities, and provincial ministries
- The draft Detailed Impact Assessment will be made available for review along with the draft Environmental Assessment Report

Walker SLFPH2 EA Committee Meeting 12Nov2025 | © 2025 GHD. All rights reserved.



*** Thank you**

→ ghd.com

EA Advisory Committee
Meeting No. 5 – June 15, 2026

Public Information Session #1

Summary Report

Alternative Methods

South Landfill Phase 2 EA

Public Information Session #1 – March 18, 2025

Walker Environmental Group

April 30, 2025

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Appendix E	Public Information Session Feedback

1 Introduction

This report summarizes Public Information Session #1 – Alternative Methods for the South Landfill Phase 2 Environmental Assessment. The public information session was held in person on March 18, 2025 with a virtual component that was live during the period of March 6, 2025 through March 23, 2025.

Walker Environmental Group Inc. (Walker) is proposing to develop the next phase of its South Landfill to continue to provide waste disposal services at its Niagara Resource Management Campus in Niagara Falls, Ontario. To develop Phase 2 of the South Landfill, Walker has initiated an Environmental Assessment (EA) process under the *Environmental Assessment Act* to assess the potential effects of the proposed landfill continuance on the environment and surrounding community.

The EA process consists of two steps. Walker prepared a Terms of Reference (ToR) as part of the first step, which was approved on September 10, 2024. As part of the second step, Walker is preparing an Environmental Assessment (EA) which will be carried out as per the approved ToR. For the EA, Walker is carrying out several consultation activities with review agencies, Indigenous communities, and the public in accordance with the Approved ToR.

2 Objectives of Public Information Session #1

The purpose of Public Information Session #1 – Alternative Methods was to provide interest holders with a direct opportunity to learn about Walker, the project, current landfill operations, provide feedback, and ask questions. With this purpose in mind, the associated objectives were as follows:

- Introduce Walker, its current resource recovery and residual waste disposal (landfill) operations
- Provide an update on the South Landfill Phase 2 EA project
- Inform attendees and gather feedback on:
 - The Final EA Study Area
 - Existing Conditions
- Review the Alternative Methods, the evaluation criteria, and indicators that will be used for evaluation
- Answer questions and address concerns

3 Logistics of Public Information Session #1

The Public Information Session #1 was held in-person as well as virtually to allow more opportunities for community members to review the information and provide feedback. The following sections describe the in-person and virtual sessions.

3.1 In-Person Public Information Session

The in-person Public Information Session #1 was held on March 18, 2025 from 5 pm – 8 pm at Club Italia (2525 Montrose Road, Niagara Falls). This location was selected due to its close proximity to Walker’s Niagara Resource Management Campus and the proposed South Landfill Phase 2 site, its accessibility and compliance under the *Accessibility for Ontarians with Disabilities Act* (AODA), and is the right size to accommodate the events purpose.

3.2 Virtual Public Information Session

In order to broaden Walker’s reach for gathering community input and accommodate individuals who were unable to attend in-person, a virtual, self-guided information session was made available at www.southlandfillphase2.com from March 6, 2025 to March 23, 2025.

- The project website contained a banner at the top of the site with a Quick Link to the Virtual Information Session.
- The virtual information session mimicked the in-person Public Information Session so that stakeholders who could not attend were able to view the same information as those who attended in-person.
- The virtual session was broken down into fourteen (14) stations, categorizing the information by topic allowing the user to view the information they were most interested in learning about. A sample of the virtual component is included in **Appendix A**.
- A fillable feedback form was included at the bottom of the page. A copy of the questions included in the fillable feedback form is included in **Appendix A**.

4 Notification

Notification of the Public Information Session #1 – Alternative Methods was provided through a variety of means to increase the potential number of attendees. Specifically, notification of the in-person event and virtual component was provided as follows:

- **Newspaper advertisements** in the Niagara Falls Review (Niagara Falls), and the Lake Report (Niagara-on-the-Lake), published on February 27, 2025, with a total reach of 20.2K
- **Direct Mailing and / or emailed** on February 27, 2025 to all identified agencies, Indigenous communities, and interest groups on the project-specific contact database (see **Appendix B**)
- **Canada Post mail-drop** to existing distribution list used by Walker bi-annually to communicate operational updates at the Campus, which includes approximately 560 addresses within an average 2.5-kilometer radius from the site on February 27, 2025
- **Courtesy calls** to community leaders
- **Project Website** was updated on February 27, 2025 to include detailed information about the public information session taking place both in-person and virtually.

Copies of these notices are found in **Appendix C**.

5 Project Team Members in Attendance

Walker’s Project Team was well represented at the in-Person Public Information Session #1 to ensure questions and inquiries from participants could be answered directly and by Project Team members with specialist knowledge of the subject matter. Based on community input received to-date, Walker had four (4) Technical Experts attend the event to assist with answering questions from the community members. The following Technical Expert disciplines were present; Air Quality, Groundwater, Agricultural, and Ecology. Key Project Team members in attendance from both Walker and GHD, as well as several Technical Experts, are listed in **Table 1**.

Table 1 Project Team Members in Attendance at Public Information Session #1

Walker	GHD	Technical Experts
Darren Fry, Project Director	Blair Shoniker, Principal and Senior Planner	Lisa Horn, GHD – Ecology Expert
Leticia Koole, Project Support Specialist	Erika Borwn, Waste and Environmental Planner, EA Lead	Sarah Pallet, RWDI – Air Quality Expert
Kaitlynn Valeriano, Communications & Community Outreach Manager	Janet Oswald, Environmental Planner, EA Lead	Anthony Vanderheyden, RWDI – Air Quality Expert
Maddy Schaap, Marketing Communications Coordinator		Dan Mohr, WSP – Groundwater & Surface Water Expert
Shawn Jordan, General Manager – Campus Operations		Sean Colville, Colville Consulting – Agricultural Expert

In addition to the Project Team, ten (10) Walker Staff representing various Resource Management Campus operations were in attendance to answer questions about existing facilities.

6 Information Presented

The format of the in-person Public Information Session #1 – Alternative Methods was an informal drop-in session where individuals could attend anytime during the event hours, view the provided information, and meet individually with Project Team members. Information presented was in the form of display boards and other visual aids, which were organized amongst eleven (11) stations around the perimeter of the room. Information presented at each station is summarized in **Table 2**.

Table 2 Summary of Information Presented on Display Boards

Topic / Station	Display Board Title(s)	Description
Welcome	<i>N/A</i>	<ul style="list-style-type: none"> • Purpose of the event • Layout of the venue • Optional sign-in for individuals wanting to be notified of future project milestones
Overview of Walker	<i>About Walker</i>	<ul style="list-style-type: none"> • Information about Walker • Overview of the Niagara Resource Management Campus
What is Being Proposed?	<i>Niagara's Waste Disposal Solution Safe & Reliable Waste Management The Future Development of the South Landfill</i>	<ul style="list-style-type: none"> • Information on the state of Ontario and Niagara Region's waste disposal capacity • Proposed continuation of the South Landfill (i.e., Phase 2) • Key facility information about Phase 2
EA Process	<i>An Environmental Planning Process</i>	<ul style="list-style-type: none"> • Overview of the EA Process in Ontario • Visual aid of key milestones and public consultation opportunities throughout this EA process
Technical Information	<i>Designed & Operated to the Highest Standard Landfill Liner Model</i>	<ul style="list-style-type: none"> • 3D conceptual rendering of the landfill system currently in place at the South Landfill (Phase 1) • 12' Landfill liner zoom on display (to scale) showing the different layers of the landfill liner currently used for South Landfill (Phase 1)
Existing Conditions	<i>Existing Conditions</i>	<ul style="list-style-type: none"> • Explanation of why existing conditions are studied • Identified the range of EA technical studies underway • Draft Existing Conditions Reports made available to view
Final Study Areas	<i>Study Area</i>	<ul style="list-style-type: none"> • Map of the Study area denoting the Site Study Area, Walker Resource Management Campus, & Approximate Local Study Area
Criteria & Indicators	<i>Evaluation Criteria & Indicators</i>	<ul style="list-style-type: none"> • Definition of criteria and indicators & examples provided • Full list of the criteria and indicators
Alternative Methods	<i>Alternative Methods (Options) Landfill Site Configurations South Landfill Phase 2 Options</i>	<ul style="list-style-type: none"> • Introductory information about Alternative Methods (Options)

	<i>Leachate Management South Landfill Phase 2 Options</i>	<ul style="list-style-type: none"> • Identification of two (2) Alternative Methods for consideration; Landfill Site Configurations, and Leachate Management Options • Introductory information to landfill site configurations, an example of the current South Landfill Phase 1 configuration, and three proposed site configurations • Background to leachate management and two options for Phase 2
How to Get Involved	<i>We Want to Hear from You</i>	<ul style="list-style-type: none"> • Project contact information • Methods of engagement • Table with fillable Event Feedback Forms for the Public Information session and information handouts (i.e., project booklet, Walker pamphlets, and contact cards) (Examples of materials are included in Appendix D)
Walker in the Community	<i>Supporting Niagara for over 136 years</i>	<ul style="list-style-type: none"> • Walker’s involvement in the Niagara community • Community Benefits attributed to Walker’s existing Resource Management Campus (i.e. jobs, municipal revenue, volunteer hours, donations)

The virtual open house mimicked the in-person session and included the same display boards. The Alternative Methods boards were further divided into three (3) sections (Alternative Methods, Landfill Site Configurations, and Leachate Management Options) creating a total fourteen (14) sections allowing participants drill down to the information they wanted to learn more about. Participants were given the opportunity to provide written comments directly through the website via an online feedback form.

Copies of the display boards are included in **Appendix D**.

7 Attendance & Summary of Comments Received

A total of fourteen (14) individuals attended the in-person Public Information Session #1 – Alternative Methods. Those in attendance included local residents and property owners, and local businesses. The website saw an increase in activity for the duration of the virtual information session with 191 page views on the project website homepage and a total of 73 page views on the virtual component of the public information session.

A total of approximately fourteen (14) comments (verbal and written) were received through discussions during the in-person Public Information Session #1 – Alternative Methods, which were documented by Project Team members, and via feedback forms provided both at the in-person event and on the virtual open house landing page. Five (5) feedback forms were returned. (See **Appendix E**).

A summary of comments (verbal and written) received have been summarized in **Table 3**.

Table 3 Summary of Comments Received at Public Information Session #1

Discussion Topic	# of Times discussed	Description
<i>Walker as a Neighbour</i>	1	<ul style="list-style-type: none"> It was expressed that Walker is a good corporate neighbour. When contacted about illegally dumped garbage near a neighbour's residence, Walker's staff picked up within 24 hrs
<i>Landfill Site Configuration B – Maximized Agricultural End Use Option</i>	3	<ul style="list-style-type: none"> Maximize agricultural end-use Maximizes agricultural lands, consider erosion @ 15:1 slope, perpendicular crop rows to minimize erosion control, access ramps & staging
<i>Leachate Management Option A – Continued & Expanded Use of Municipal WWTP</i>	2	<ul style="list-style-type: none"> Most cost-effective option to businesses & residents Prefer use of existing infrastructure & less expensive Source of revenue (via sewer-use charges) for municipalities An on-site WWTP may introduce additional odours
<i>Leachate Management Option B – Development of an On-Site WWTP</i>	2	<ul style="list-style-type: none"> Inquiry if WWTP capacity would be available to adjacent businesses to use With housing development in the area Port Weller is unlikely to have capacity What would on-site treatment potentially include (i.e. technologies)
<i>Water Service</i>	1	<ul style="list-style-type: none"> Will there be new / upgraded water service from the City or Region as part of the project?
<i>Alternative Methods</i>	2	<ul style="list-style-type: none"> Alternative Methods were well explained & illustrated
<i>Public Information Session</i>	2	<ul style="list-style-type: none"> A lot of people to answer any questions
<i>Displacement of Residents</i>	1	<ul style="list-style-type: none"> Inquiry about how many property owners / residents would have to be relocated because of the project

Several attendees indicated that they would like to be contacted with South Landfill Phase 2 EA Project Updates and were added to the project-specific contact database for future notifications purposes. One (1) attendee indicated they would like a tour of the Resource Management Campus.

Appendix A

Virtual Component of Public Information Session

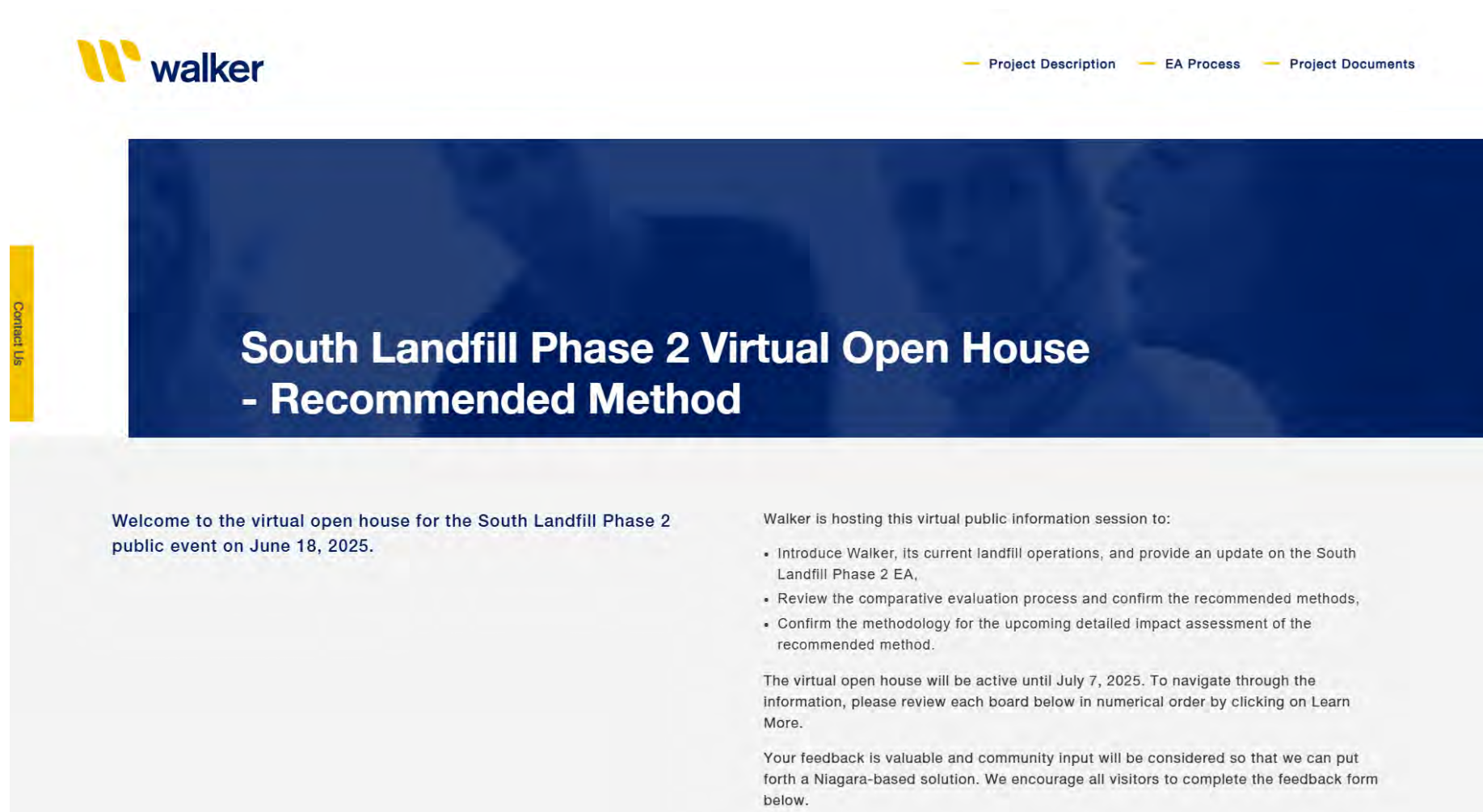
Appendix A

Public Information Session #2 – Recommended Method - Virtual Component

June 18, 2025 – July 7, 2025

The following images are included in this summary to help illustrate the virtual component of Public Information Session #2.

Figure 1: Screenshot of Virtual Open House Intro



Information Boards

The images below illustrate how the Public Information Session #2 – Recommended Method Information Boards were displayed on the website for the virtual component. Each image below portrays a section of the in-person Public Information Session. If the user was interested in a section they could click ‘Learn More’ to open the information boards.

Information Boards

1. ABOUT WALKER

Walker's Resource Management Campus is an important part of the region's waste management infrastructure, safely managing waste for over 40 years.

[LEARN MORE](#)

2. ADDITIONAL LANDFILL CAPACITY

Ontario's existing landfills are quickly filling up and are expected to run out of landfill capacity by 2035.

[LEARN MORE](#)

3. THE PROPOSAL

Planning for long-term waste disposal capacity is important to safely manage non-recyclable materials. Walker is proposing to continue to operate the South Landfill by developing Phase 2.

[LEARN MORE](#)

4. SOUTH LANDFILL PHASE 2

Our South Landfill is a state-of-the-art engineered landfill designed with exceptional safety and environmental controls.

[LEARN MORE](#)

5. THE PLANNING PROCESS

South Landfill Phase 2 project must undergo a rigorous planning and decision making process called an Environmental Assessment (EA).

[LEARN MORE](#)

6. CURRENT SOUTH LANDFILL PHASE 1

This 3D model illustrates how Walker's current South Landfill Phase 1 is designed and engineered to protect the environment.

[LEARN MORE](#)

7. ALTERNATIVE METHODS

Alternative Methods, or Options, are different ways the project can be built. The options were evaluated based on criteria identifiers.

[LEARN MORE](#)

8. LANDFILL SITE CONFIGURATIONS

Three landfill site configurations were evaluated for height, slope/contour, capacity, and area available for agricultural end use.

[LEARN MORE](#)

9. LEACHATE MANAGEMENT

Two leachate management options were evaluated for treatment of water that comes into contact with waste.

[LEARN MORE](#)

Comparative Analysis

Walker engaged in consultation with interested stakeholders to gather feedback on Alternative Methods. Subsequently, the Technical Experts conducted a comparative analysis of the Alternative Methods and is shown on the following boards.

What is a Comparative Analysis?

Used to select a preferred alternative amongst a range of options.



10. COMPARATIVE ANALYSIS

Technical experts completed a comparative analysis to evaluate which Alternative Methods have more advantages than others (or the least negative effects).

[LEARN MORE](#)

Landfill Configuration

Comparative Analysis

Evaluation Criteria	Option A	Option U	Option C	Rationale
Natural Environment <i>(Protects Natural & Cultural Resources)</i>	Green	Green	Green	No concerns identified between options.
Built Environment * <i>(Consideration for existing infrastructure)</i>	Green	Green	Green	Options B & C have slightly more impact and require more infrastructure for access.
Social Environment <i>(Protects Infrastructure and Services)</i>	Green	Green	Green	No material differences between options.
Economic Environment <i>(Protects Infrastructure and Services)</i>	Green	Green	Green	Options U has slightly greater economic and infrastructure impacts.
Cultural Environment ** <i>(Protects Cultural Resources)</i>	Green	Green	Green	No material differences between options.



11. LANDFILL CONFIGURATION ANALYSIS

This table shows the comparative analysis of the three landfill site configurations.

[LEARN MORE](#)

Recommended Landfill Configuration

Option A

Same Height & Slopes As Current South Landfill Phase 1



12. RECOMMENDED LANDFILL CONFIGURATION

Option A is the recommended landfill configuration based on community input and recommendations.

[LEARN MORE](#)

Leachate Management

Comparative Analysis

Evaluation Criteria	Option A	Option B	Rationale
Natural Environment <i>(Protects Natural & Cultural Resources)</i>	Green	Green	Option A has less soil effects due to use of existing infrastructure for leachate collection & storage & better stability.
Built Environment * <i>(Consideration for existing infrastructure)</i>	Green	Green	Option A has less soil effects and is more of existing infrastructure for leachate collection & storage & better stability.
Social Environment <i>(Protects Infrastructure and Services)</i>	Green	Green	No material differences between options.
Economic Environment <i>(Protects Infrastructure and Services)</i>	Green	Green	No material differences between options.
Cultural Environment ** <i>(Protects Cultural Resources)</i>	Green	Green	No material differences between options.



13. LEACHATE MANAGEMENT ANALYSIS

This table shows the comparative analysis of the two leachate management options.

[LEARN MORE](#)

Recommended Leachate Management Option

Option A

Continued and Expanded use of the Municipal Wastewater Treatment System



14. RECOMMENDED LEACHATE MANAGEMENT

Option A is the recommended leachate management method based on community input and recommendations.

[LEARN MORE](#)

Next Steps & Detailed Impact Assessment Methodology

Next Steps - June to December 2025

- 1 Consultation on the Recommended Method
 - Review and gather feedback from the Public, Government Review Team / Agencies, Indigenous communities.
- 2 Develop a Facilities Characteristics Report
 - Develop additional facility details from a design & operation perspective.
- 3 Commence the Detailed Impact Assessment

15. NEXT STEPS

Learn about our next steps and the Detailed Impact Assessment.

[LEARN MORE](#)

We Want to Hear from You



Your feedback is valuable and community input will be considered so that

16. STAY ENGAGED

Your feedback is valuable and community input will be considered so that we can put forth a Niagara-based solution.

[LEARN MORE](#)

Supporting Niagara for over 136 years

Walker has a long history of being an active community partner



Jobs & Employment

Supporting approximately 500 jobs in Niagara through our current waste management & resource recovery operations.

17. SUPPORTING NIAGARA FOR OVER 137 YEARS

Walker has a long history of being an active community partner and providing local jobs to the Niagara Region.

[LEARN MORE](#)

Feedback Form

Share your feedback!

Your feedback is very important to us, and we appreciate you taking the time to provide us with your comments.

LANDFILL SITE CONFIGURATION METHOD

Was the Comparative Analysis process used to select a Recommended Method easy to understand?

- Yes
- Somewhat
- No

Please tell us why:

Do you agree with the selected Recommended Method?

- Yes
- Somewhat
- No

Please tell us why:

Do you have any comments you would like to provide on the recommended landfill configuration?

LEACHATE MANAGEMENT RECOMMENDED METHOD

Was the Comparative Analysis process used to select a Recommended Method easy to understand? (Please select one option)

- Yes
- Somewhat
- No

Please tell us why:

Do you agree with the selected Recommended Method?

- Yes
- Somewhat
- No

Please tell us why:

Do you have any comments you would like to provide on the recommended leachate management method?

GENERAL FEEDBACK

Was the virtual information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Recommended Methods?

- Yes
- Somewhat
- No

Please tell us why:

Was the information presented easy to understand and the appropriate level of detail?

- Yes
- Somewhat
- No

Please tell us why:

Would you like to be contacted for future project updates?

- Yes
- No

CAPTCHA

I'm not a robot 

SUBMIT

Appendix B

Contact List

Government Review Team

Government Agency / Office / Services / Utilities	Contact Name	Contact Address	Email	Phone
NEC, Conservation Authority				
Niagara Escarpment Commission	Jessica Issac Planning Manager		Jessica.Isaac@ontario.ca	
Niagara Escarpment Commission	Janet Sperling Senior Planner		janet.sperling@ontario.ca	226-668-5247
Niagara Peninsula Conservation Authority	Colleen Bain Senior Watershed Planner	250 Thorold Road West; 3rd Floor Welland, ON, L3C 3W2	CBain@npca.ca	
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Ministry of Environment, Conservation and Parks Niagara District Office	Kim Groombridge District Manager	301 St. Paul Street, Suite 15, 9th Floor St. Catharines ON L2R 7R4	kim.groombridge@ontario.ca	905-323-5353
Indigenous Affairs Ontario			Indigenous.Relations@ontario.ca	
Ministry of Agriculture, Food, and Rural Affairs Land Use Policy & Stewardship Food Safety and Environmental Policy Branch			omafra.eanotices@ontario.ca	
Ministry of Agriculture, Food, and Rural Affairs Land Use Policy & Stewardship Food Safety and Environmental Policy Branch	Nancy Rutherford Rural Planner	6484 Wellington Road 7 – Unit 10 Elora ON N0B 1S0	nancy.rutherford@ontario.ca	226-962-2139
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Ministry of Citizenship and Multiculturalism Heritage, Tourism and Culture Division Heritage Planning Unit	Dan Minkin Heritage Planner	400 University Ave. 5th Floor Toronto ON M7A 2R9	dan.minkin@ontario.ca	416-301-4797
Ministry of Economic Development, Job Creation and Trade Corporate and Policy Services Division	Erin Thompson Manager, Corporate Policy Coordination Unit	56 Wellesley St. W, 11th Flr Toronto ON M5S 2S3	erin.thompson@ontario.ca	437-770-1241
Ministry of Economic Development, Job Creation and Trade Corporate and Policy Services Division	Ed Kung Senior Policy Advisor, Corporate Policy Coordination Unit	56 Wellesley St. W, 11th Flr Toronto ON M5S 2S3	ed.kung@ontario.ca	437-770-1241
Ministry of Energy Strategic Network and Agency Policy Division	Michael Di Cosmo Coordinator, Strategic Policy and Cabinet Liaison (A)	77 Grenville St., 6th Flr. Toronto ON M7A 1B3	Michael.DiCosmo@ontario.ca	437-770-7960
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Government Review Team

Government Agency / Office / Services / Utilities	Contact Name	Contact Address	Email	Phone
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Ministry of Natural Resources Southern Region	Christa L. Rigney Regional Planner	300 Water Street, Box 7000 4th Floor, South Tower Peterborough ON K9J 8M8	christa.rigney@ontario.ca	705 761-4839
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Niagara Region				
Niagara Regional Police Service	Bryan MacCulloch Chief of Police	5700 Valley Way Niagara Falls, ON L2E 1X8	chiefofpolice@niagarapolice.ca	905-688-4111
Niagara Region Public Health and Emergency Services	Dr. Azim Kasmani Medical Officer of Health and Commissioner			905-688-8248 ext. 7338
District School Board of Niagara	Warren Hoshizaki Director of Education	191 Carlton Street St. Catharines, ON L2R 7P4	Karen.Bellamy@dsbn.org	905-641-1550 ext. 54101
Niagara Catholic District School Board	Cassandra Osborne Administrative Assistant to Controller of Facilities Services	427 Rice Road Welland, ON L3C 7C1	Cassandra.osborne@ncdsb.com	905-735-0240
Conseil scolaire du district catholique centre-sud	Nicole Mollet Director of Education	110 Drewry Avenue Toronto, ON M2M 1C8		416-397-6564
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City of Niagara Falls				
Niagara Falls Fire Department	Jo Zambito Fire Chief	5809 Morrison St. Niagara Falls, ON L2E 2E8	firechief@niagarafalls.ca	905-356-1321 ext. 2203 or 2230
City of Thorold				
Thorold Fire and Emergency Services	Terry Dixon Fire Chief	3540 Schmon Parkway, PO Box 1044 Thorold, ON L2V 4A7	terry.dixon@thorold.ca	905-227-6412 ext 262
Colleges and Universities				
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Niagara College	Pam Skinner Senior Vice President, College Operations	135 Taylor Road, Room W210 Niagara-on-the-Lake, ON L0S 1J0	PSKINNER@niagaracollege.ca	905-735-2211 ext. 7688
Niagara College	Nadeen Shehaiber Senior Director, Planning, Sustainability and Capital Projects	135 Taylor Road, Room W210 Niagara-on-the-Lake, ON L0S 1J0	nshehaiber@niagaracollege.ca	
Federal & Other				

Government Review Team

Government Agency / Office / Services / Utilities	Contact Name	Contact Address	Email	Phone
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The St. Lawrence Seaway Management Corporation	Cassie Kelly, M Eng, P Eng, PMP Manager, Engineering Niagara	508 Glendale Avenue St. Catharines, ON L2R 6V8	CKelly@seaway.ca	905-641-1932
TC Energy	Kaitlin Webber Planner		tcenergy@mhbcplan.com	
Canadian National Railway	Public Works	1 Administration Road Concord, ON L4K 1B9	proximity@cn.ca	

Members of the Public

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City of Niagara Falls	Jim Diodati	Mayor	4310 Queen Street, Box 1023	Niagara Falls	ON	L2E 6X5	jdiodati@niagarafalls.ca	905-356-7521 ext. 4201
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Town of Niagara-on-the-Lake	Grant Bivol	Town Clerk	1593 Four Mile Creek Road P.O. Box 100	Virgil	ON	L0S 1T0	grant.bivol@notl.com	905-468-6418
Town of Niagara-on-the-Lake	Gary Zalepa	Lord Mayor	1593 Four Mile Creek Road P.O. Box 100	Virgil	ON	L0S 1T0	gary.zalepa@notl.com	905-468-6417
Town of Niagara-on-the-Lake	Bruce Zvaniga	Interim CAO	1593 Four Mile Creek Road P.O. Box 100	Virgil	ON	L0S 1T0	bruce.zvaniga@notl.com	905-468-3266 ext. 227
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Niagara Region	Jim Bradley	Regional Chair	1815 Sir Isaac Brock Way	Thorold	ON	L2V 4T7	jim.bradley@niagararegion.ca	905-980-6000 ext. 3600
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Niagara Falls, Fort Erie & Niagara-on-the-Lake	Wayne Gates	MPP	6746 Morrison Street, Unit 1	Niagara Falls	ON	L2E 6Z8	WGates-CO@ndp.on.ca	905-871-8868
Niagara West	Sam Oosterhoff	MPP	4961 King Street East Unit M1	Beamsville	ON	L0R 1B0	sam.oosterhoffco@pc.ola.org	905-563-1755
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HRI	Bart Maves						bmaves@sbmc.ca	
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Greater Niagara Chamber of Commerce	Hugo Chesshire		80 King Street, Unit 3	St. Catharines	ON	L2R 7G1	hugo@gncc.ca	
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Niagara Industrial Association	Jordan Sherlock		800 Niagara Street, Unit R56	Welland	ON	L3C 5Z4	jordan@niagaraindustry.com	905-546-6738

Members of the Public

Business / Organization	Contact Name	Title	Address	City	Province	Postal Code	Email	Phone
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Niagara Falls, Fort Erie & Niagara-on-the-Lake	Wayne Gates	MPP	6746 Morrison Street, Unit 1	Niagara Falls	ON	L2E 6Z8	WGates-CO@ndp.on.ca	905-871-8868
Niagara West	Sam Oosterhoff	MPP	4961 King Street East Unit M1	Beamsville	ON	L0R 1B0	sam.oosterhoffco@pc.ola.org	905-563-1755
Perridiso Estate Winery	Joe Perri						joe@perridiso.com	(905) 358-4222
Club Italia	Genya Munroe		2525 Montrose Road	Niagara Falls	ON	L2H 0T9	admin@clubitalia.ca	905-374-7388
Niagara Federation of Agriculture	Maryanne Mous	Administrator					niagarafedag@gmail.com	
Niagara Federation of Agriculture	Chris Mullet-Koop	President	131 College Street	Smithville	ON	L0R 2A0	elmfarm32@gmail.com	
MECP District Officer	Micheal Durst						michael.durst@ontario.ca	

*** Plus over 575 local residents ***

Indigenous Communities

Organization	Contact Name	Title	Address	City	Province	Postal Code	Email	Phone
Métis Nation of Ontario	Derrick Pont	MNO Niagara Region Métis Council, President	3250 Schmon Parkway Unit 1A	Thorold	ON	L2V 4Y6	pontdj@hotmail.com	
Mississaugas of the Credit First Nation	Claire Sault	Chief	2789 Mississauga Road R.R. #6	Hagersville	ON	N0A 1H0	claires@mncfn.ca	
	Mark LaForme	Director, Department of Consultation and Accommodation (DOCA)	2789 Mississauga Road R.R. #6	Hagersville	ON	N0A 1H0	Mark.Laforme@mncfn.ca	905-768-4260
	Fawn Sault	Councillor, Environmental Portfolio	2789 Mississauga Road R.R. #6	Hagersville	ON	N0A 1H0	FawnS@mncfn.ca	
	Abby (LaForme) Lee	Consultation Officer	4065 Highway 6	Hagersville	ON	N0A 1H0	Abby.LaForme@mncfn.ca	905-768-4260
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	Dawn Moughtin	Co-Executive Director	382 Airport Road	Niagara-on-the-Lake	ON	L0S 1J0	executivedirector@nrnc.ca	
Six Nations of the Grand River	Sherri-Lyn Hill-Pierce	Chief	1695 Chiefswood Road, P.O. Box 5000	Ohswegen	ON	N0A 1M0	sngr.chief@sixnations.ca	
	Dawn Russel	Consultation Administrative Assistant, Consultation and Accommodations Team					dawnrussel@sixnations.ca	
	Peter Graham	Consultation Supervisor	2499 Chiefswood Road, P.O. Box 5000	Ohswegen	ON	N0A 1M1	LRCs@sixnations.ca	
	Lauren Vanderlingen	Wildlife & Stewardship Technician, Lands & Resources	2499 Chiefswood Road, P.O. Box 5000	Ohswegen	ON	N0A 1M1	wsma@sixnations.ca	
Haudenosaunee Development Institute	Todd Williams	Monitoring Program Coordinator	16 Sunrise Court, Suite 402B, P.O. Box 714	Ohswegen	ON	N0A 1M0	info@hdi.land	519-445-4222
	Matthew Turner	Assistant supervisor of the HDI Environmental Department	16 Sunrise Court, Suite 402B, P.O. Box 714	Ohswegen	ON	N0A 1M0	environmental@hdi.land	

Appendix C

Notices

Gretzky winery under fire after national criticism of #99

Continued from Front Page

sales,” he said, referencing the backlash Gretzky faced after being named honorary captain of Team Canada.

Gretzky, who was born and raised in Brantford, Ont., is a dual citizen of Canada and the United States.

He, along with his wife, Janet, attended Trump’s inauguration in January and was photographed at the U.S. president’s election victory party at Trump’s Mar-a-Lago resort.

In one photo with Larry Glick, executive vice-president of the Trump Organization, he can be seen wearing a white and gold “Make America Great Again” hat.

“It rubbed me the wrong way. I think it rubbed a lot of people the wrong way,” McGuinness said, adding that Peller should rebrand to avoid financial losses.

Fellow resident Steve Long pointed to the former Trump International Hotel



Steve Long’s sign calling for a boycott of Wayne Gretzky’s winery stands in front of the establishment. SUPPLIED

and Tower in Toronto, which saw a sharp decline in reservations following Trump’s first election win in 2016 before eventually rebranding to distance itself from Trump’s name, now going by the St. Regis Toronto.

However, some like Peter Anthony commented offering a different perspective, raising how many tourists stop at the winery’s “prime location” without being aware of the

name on the marquee.

“Who cares what Gretzky does? His name sells,” commented Blair Cowanetti.

Long has been spreading the hashtag #NotSoGreatOne to rally support against the winery’s association with Gretzky and argued the issue is not just about hockey — it’s about character.

“You have to have skill, you have to have character and if one of those falls off the rails, you’re not

‘the Great One’ anymore,” Long said.

By supporting controversial political figures, Long said Gretzky is undermining the positive image he built in Canada and contradicting the values many people in the community hold dear.

Gretzky should be replaced by someone who defends Canada rather than aligning with Trump, Maria Magisano commented.

But Gretzky publicly sharing his “American conservative views” is nothing new, commented Katie Wiens.

“I remember the winery’s opening when he made pro-Trump comments,” she said in her comment.

It’s unreasonable to expect him to represent Canada in all aspects of his life, commented Archie Spagnolo, who pointed out how Trump has always been a business-focused figure who speaks without a filter.

She said Gretzky — like

other celebrities — won’t change that.

McGuinness, who passes the winery daily, said he feels compelled to “avert his eyes” when seeing Gretzky’s name, which reminds him of the hockey player’s perceived support of Trump.

Others refuse to go there, like Denise Cotter — who commented that a difference of opinion is one thing, but supporting a leader who wants to end democracy in our country is unacceptable.

Unlike his now-closed Toronto restaurant, the winery is “the biggest and largest financial footprint that Wayne Gretzky has in Canada,” Long said.

Long said changing the winery’s name would send a strong message and remove one of the last significant ties to Gretzky’s brand in Canada.

But some residents caution a rebrand could have negative effects on the town’s economy and the winery’s tourism appeal.

“If they (America) want to retort with a full-on ‘Blame Canada’ movement, the repercussions will far outweigh who’s name is on a bottle of wine,” Frank Liotta commented. “Wouldn’t fare well for our very tourist-driven border town.”

He also warned a rebrand could harm employment.

“Good, hard-working (and local) Canadians will lose their jobs,” he commented.

Wiens said most visitors don’t even visit because of his name, anyway.

“It’s just a more modern, inviting winery to bring family and friends and partners to, with a younger vibe compared to the more traditional wineries,” she said.

Several attempts to reach CEO Paul Dubkowski or president Patrick O’Brien from Andrew Peller Ltd. through the Wayne Gretzky winery and other means were unsuccessful before press time.

paigeseburn@niagaranow.com



Upcoming Public Information Session South Landfill Phase 2 Environmental Assessment Walker Environmental Group

Walker Environmental Group (Walker) initiated an Environmental Assessment (EA) under the *Environmental Assessment Act* as part of the planning process for the next phase of its South Landfill (Phase 2).

South Landfill (Phase 1), an essential component of Walker’s integrated Resource Management Campus in Niagara Falls, is nearing its final capacity. Walker is proposing to develop the next phase to continue to provide safe, affordable, and reliable waste disposal services. Phase 2 will supply renewable energy to the community and will sustain over 500 jobs in the Region.

Walker is hosting a public information session to:

- Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 EA
- Inform attendees and gather feedback on:
 - the Final EA Study Area
 - Existing Conditions
- Review the Alternative Methods, the evaluation criteria, and indicators that will be used for evaluation.

The public information session will take place in-person on Tuesday, March 18 from 5-8pm at Club Italia, 2525 Montrose Rd, Niagara Falls, ON L2H 0T9.

A virtual component will be accessible online from Thursday, March 6 to Friday, March 21 at www.southlandfillphase2.com.

Walker is committed to providing safe, reliable and affordable waste management solutions at its Niagara Resource Management Campus.

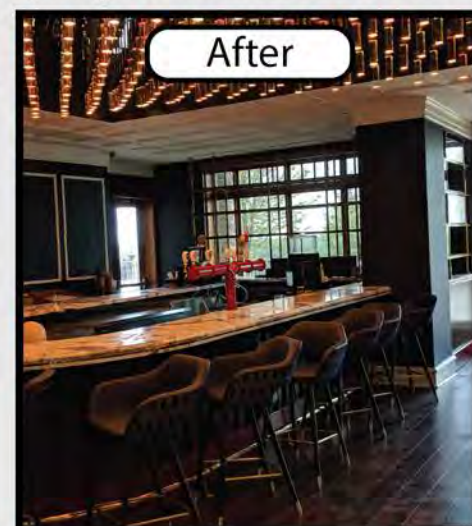
For more information, contact info@southlandfillphase2.com.

February 27, 2025

www.southlandfillphase2.com

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Upcoming Public Information Session South Landfill Phase 2 Environmental Assessment

Walker Environmental Group

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A virtual component will be accessible online from Thursday, March 6 to Friday, March 21 at www.southlandfillphase2.com.

Walker is committed to providing safe, reliable and affordable waste management solutions at its Niagara Resource Management Campus.

For more information, contact info@southlandfillphase2.com.

February 27, 2025



Upcoming Public Information Session

South Landfill Phase 2 Environmental Assessment

Walker Environmental Group

Walker Environmental Group (Walker) initiated an Environmental Assessment (EA) under the *Environmental Assessment Act* as part of the planning process for the next phase of its South Landfill (Phase 2).

South Landfill (Phase 1), an essential component of Walker's integrated Resource Management Campus in Niagara Falls, is nearing its final capacity. Walker is proposing to develop the next phase to continue to provide safe, affordable, and reliable waste disposal services. Phase 2 will supply renewable energy to the community and will sustain over 500 jobs in the Region.

Walker is hosting a public information session to:

- Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 EA
- Inform attendees and gather feedback on:
 - the Final EA Study Area
 - Existing Conditions
- Review the Alternative Methods, the evaluation criteria, and indicators that will be used for evaluation.

The public information session will take place in-person on Tuesday, March 18 from 5-8pm at Club Italia, 2525 Montrose Rd, Niagara Falls, ON L2H 0T9.

A virtual component will be accessible online from Thursday, March 6 to Friday, March 21 at www.southlandfillphase2.com.

Walker is committed to providing safe, reliable and affordable waste management solutions at its Niagara Resource Management Campus.

For more information, contact info@southlandfillphase2.com.

February 27, 2025

Appendix D

Display Boards & Materials



Welcome
to the

South Landfill
Phase 2

Public Event



1-866-699-9425 / info@southlandfillphase2.com

southlandfillphase2.com

About Walker

Part of the Community for 136+ Years

At Walker, we strive to build a sustainable future by working alongside the communities we operate in. With this core vision, Walker has successfully operated in Niagara for over 136 years. Walker is a fifth-generation, Niagara based family-owned company with over 1,200 employees across North America.



Our Innovative Campus



Walker's Niagara Falls location has transformed into an integrated Resource Management Campus and is an important part of the region's waste management infrastructure. We have safely managed Niagara's waste for over 40 years.

Committed to Resource Recovery

We are continuously innovating and investing in solutions to recover and repurpose landfill-bound waste into sustainable materials and products to reduce society's environmental impact.



Learn more about Walker's Resource Management Campus:



Supporting Niagara

for over 136 years

Walker has a long history
of being an active community partner



Jobs & Employment

- Supporting approximately **500 jobs in Niagara** through our current waste management & resource recovery operations



Community Giving

- Donations and giving totalling over **\$1.4 million annually** to charities, community groups, and infrastructure in communities where Walker operates



Volunteering

- Providing employees **2 paid volunteer days** per year to support local community initiatives



Awareness & Education

- Supporting educational activities by participating in **community events, giving tours and presentations, and through partnerships**

Learn more about Walker's community partnerships:

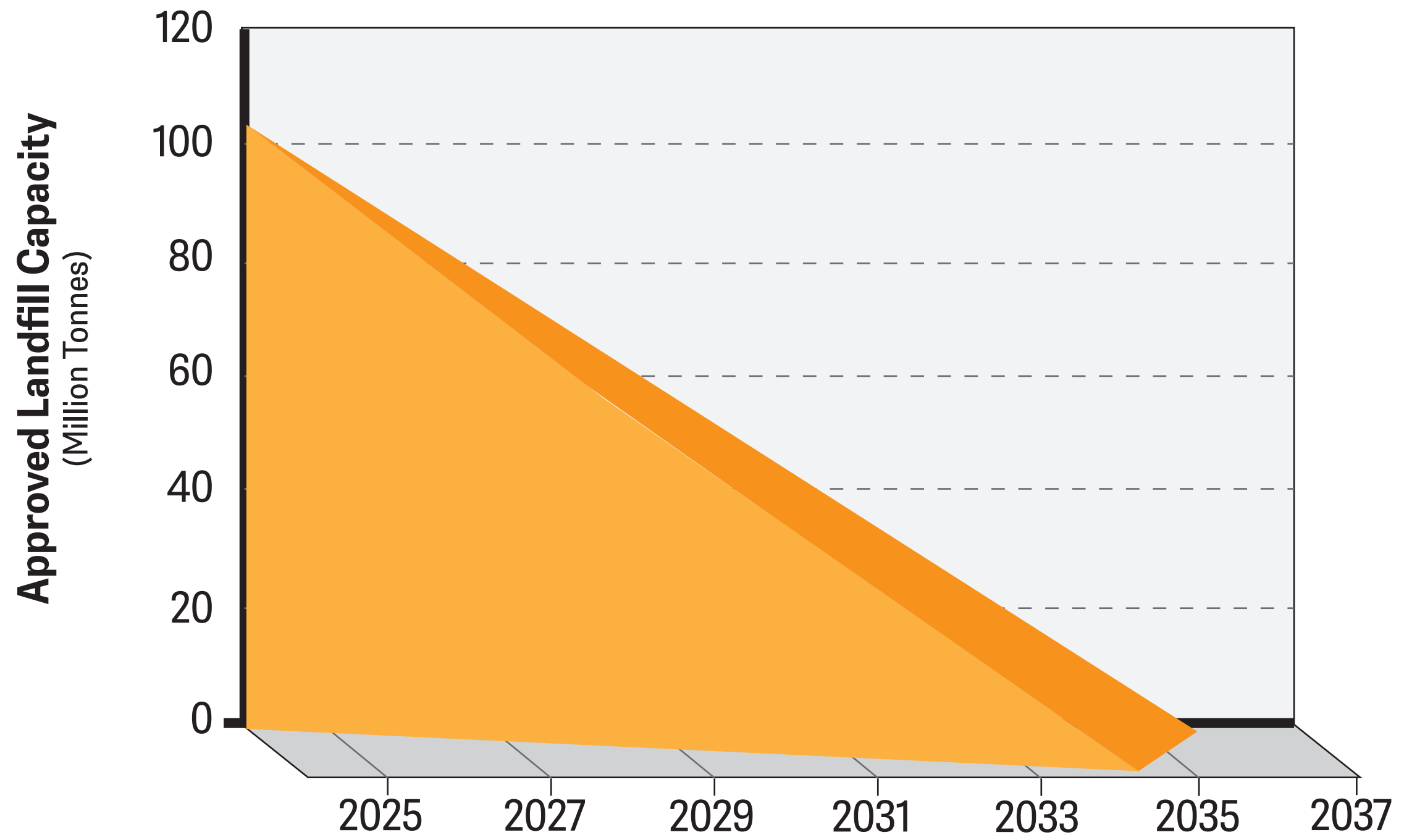


Niagara's Waste Disposal Solution

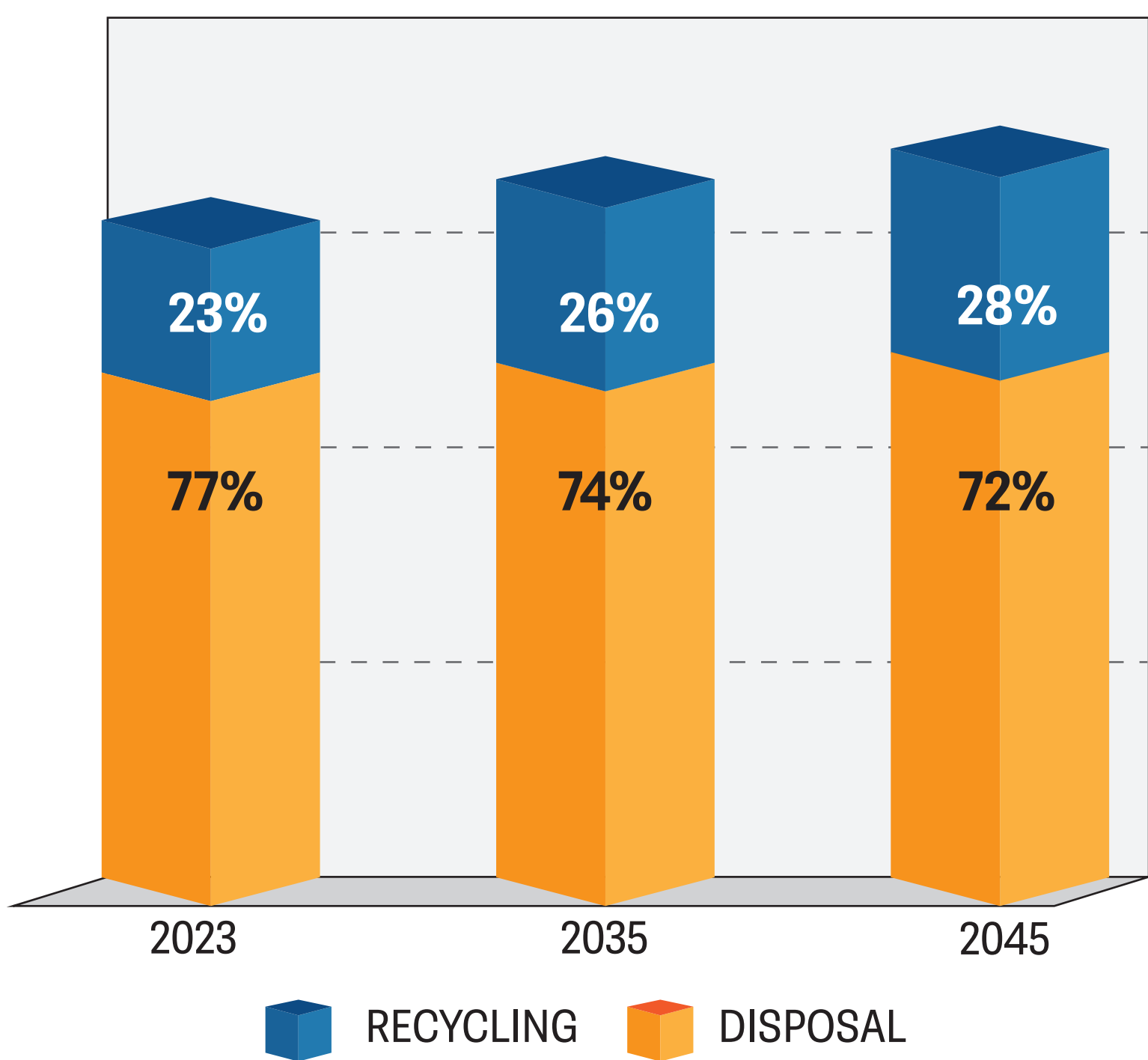
Ontario is expected to run out of landfill capacity by 2035

- Existing landfills are quickly filling up
- Population & waste generation are increasing
- It takes up to 10 years to develop new landfill capacity

ONTARIO'S REMAINING LANDFILL CAPACITY



ONTARIO'S RECYCLING & DISPOSAL RATES

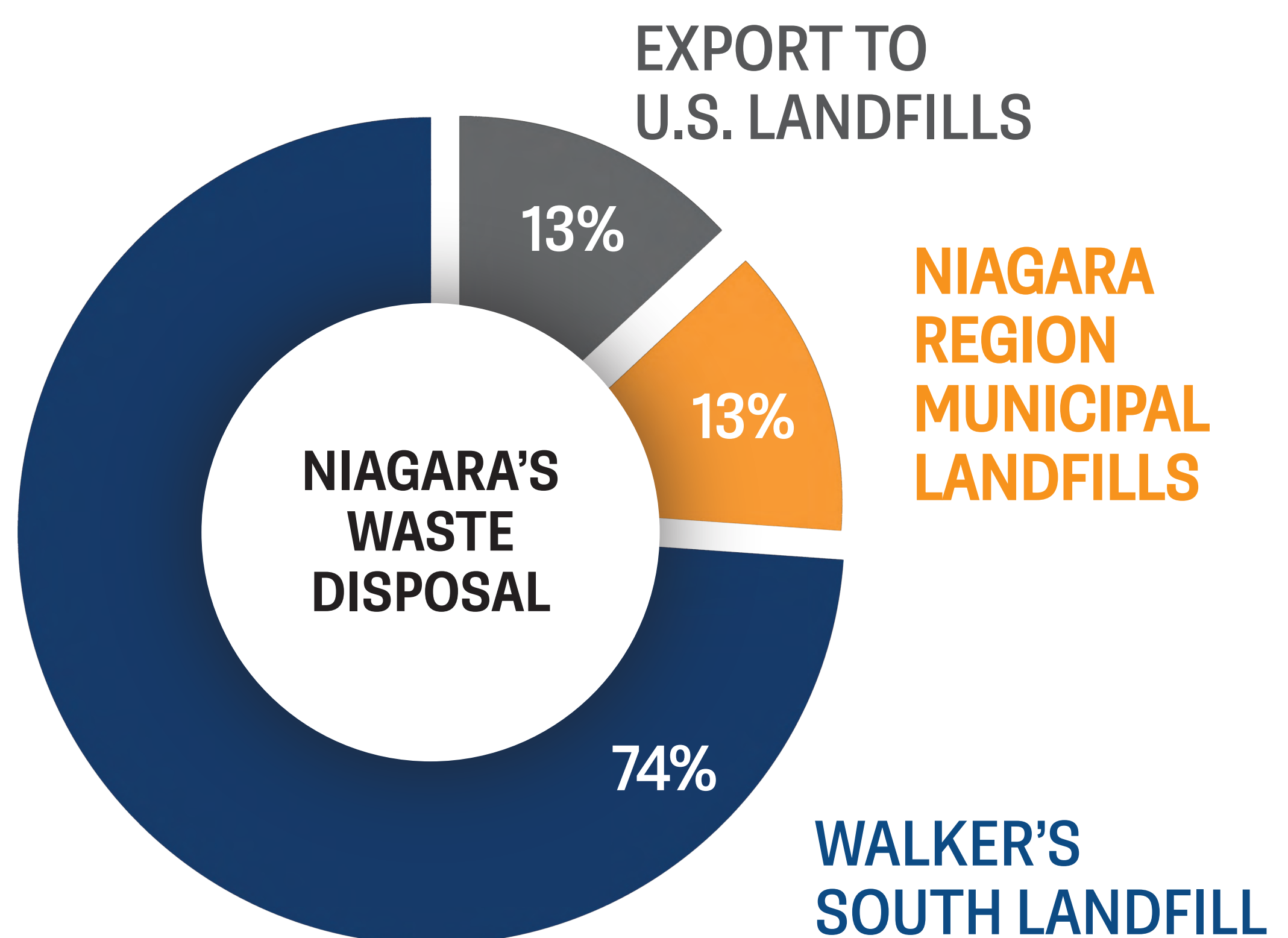


Despite recycling efforts, there will still be materials requiring safe disposal

- Even with increased recycling and Green Bin composting, landfills are still needed to safely manage residual waste

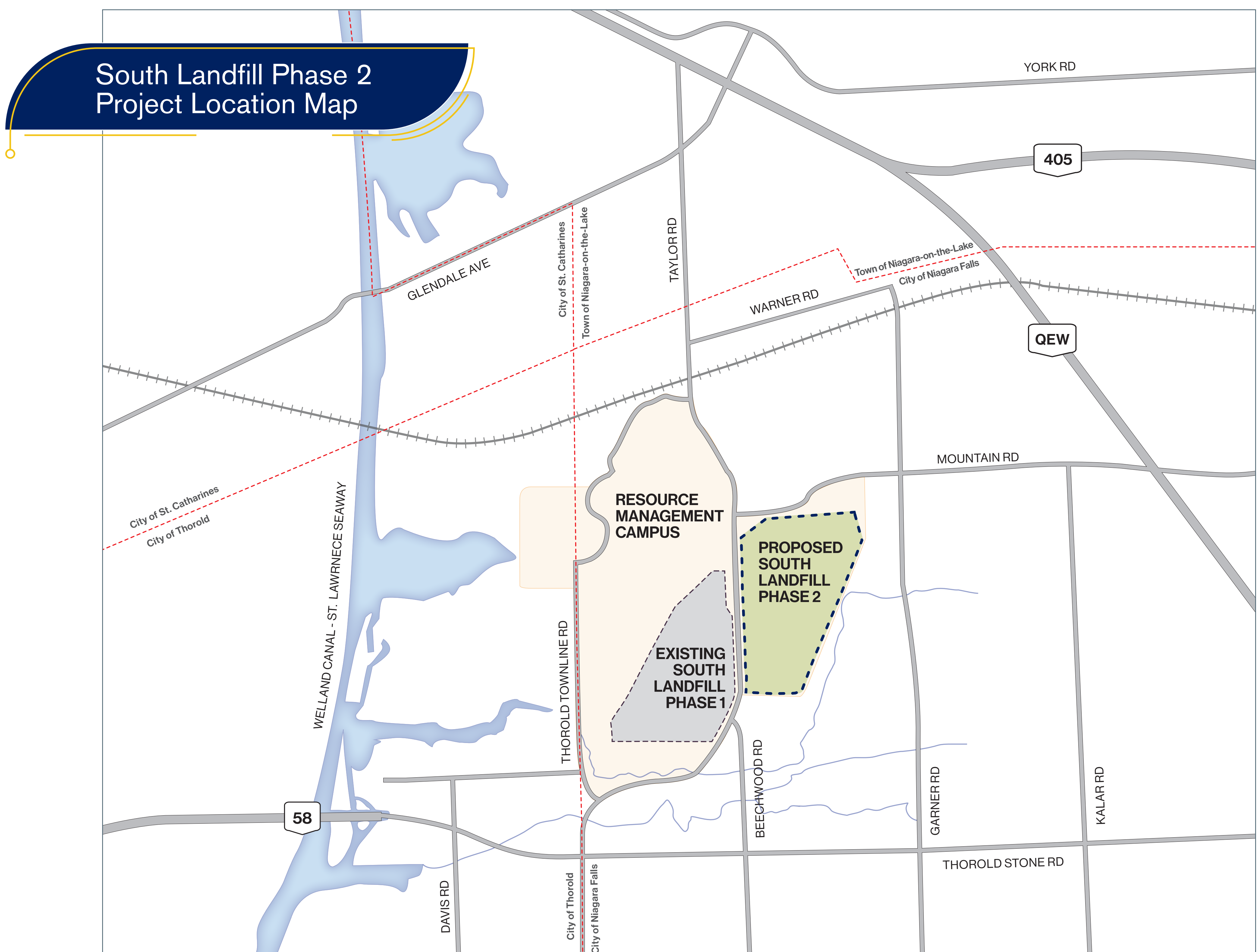
Niagara is no exception, additional disposal capacity is needed

- Over 2/3 of Niagara's waste is currently managed at the South Landfill, which is expected to reach capacity by 2030



Safe & Reliable Waste Management

- The existing phase of Walker's South Landfill on Taylor Road in Niagara Falls is soon approaching **capacity**, with approximately **5 years remaining**.
- As the Niagara region continues to grow, planning for long-term waste disposal capacity is increasingly important. Despite recycling and green bin composting efforts, **Niagara requires landfill space** to safely manage non-recyclable materials.
- Using existing waste management infrastructure, Walker is proposing to **continue to operate the South Landfill** by developing **Phase 2** on the eastern portion of our Resource Management Campus, as shown below.



The Future Development of the South Landfill

Walker is proposing the future development of its South Landfill, **a state-of-the-art engineered landfill**, designed with exceptional safety and environmental controls.

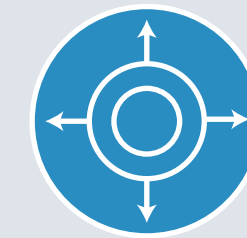


Image showing the construction of several layers of the engineered landfill liner

Key Facility Information



1.1 million tonnes of solid, non-hazardous waste per year



18 million m³ total capacity



20 years of safe disposal



~500 jobs supported in Niagara

Did you know?

Walker harnesses the **renewable energy** generated from its Niagara landfill

Walker harnesses enough renewable energy from its landfill to power ~16,000 homes annually.

Phase 2 is estimated to produce an additional 10,000 homes worth of green energy.



An Environmental Planning Process

The South Landfill Phase 2 project must undergo a **rigorous planning and decision making process** called an Environmental Assessment (EA).

This process is **regulated by the Ontario Ministry of the Environment, Conservation and Parks (MECP)** through the *Environmental Assessment Act* which is designed to protect, conserve, and wisely manage Ontario's environment.

A Two-Step Process

Step 1 Terms of Reference (TOR)

This is the initial step in the EA process. It is a document that serves as the roadmap for what will be studied in the EA and outlines the public consultation that will take place.

Step 2 Environmental Assessment (EA)

This is where the scientific studies occur. These studies identify the effects of the project, both positive and negative, and proposed mitigation measures where needed.

EA Process

TERMS OF REFERENCE

PUBLIC INFO SESSION



FINAL TOR SUBMISSION



TOR DECISION



DRAFT TOR REVIEW PERIOD
(GOVERNMENT & PUBLIC)

FINAL TOR REVIEW PERIOD
(GOVERNMENT & PUBLIC)

ENVIRONMENTAL ASSESSMENT

ISSUE DRAFT EA



DRAFT EA REVIEW PERIOD
(GOVERNMENT & PUBLIC)

FINAL EA REVIEW PERIOD
(GOVERNMENT & PUBLIC)

PUBLIC INFO SESSIONS

PUBLIC INFO SESSION

FINAL EA SUBMISSION

EA DECISION

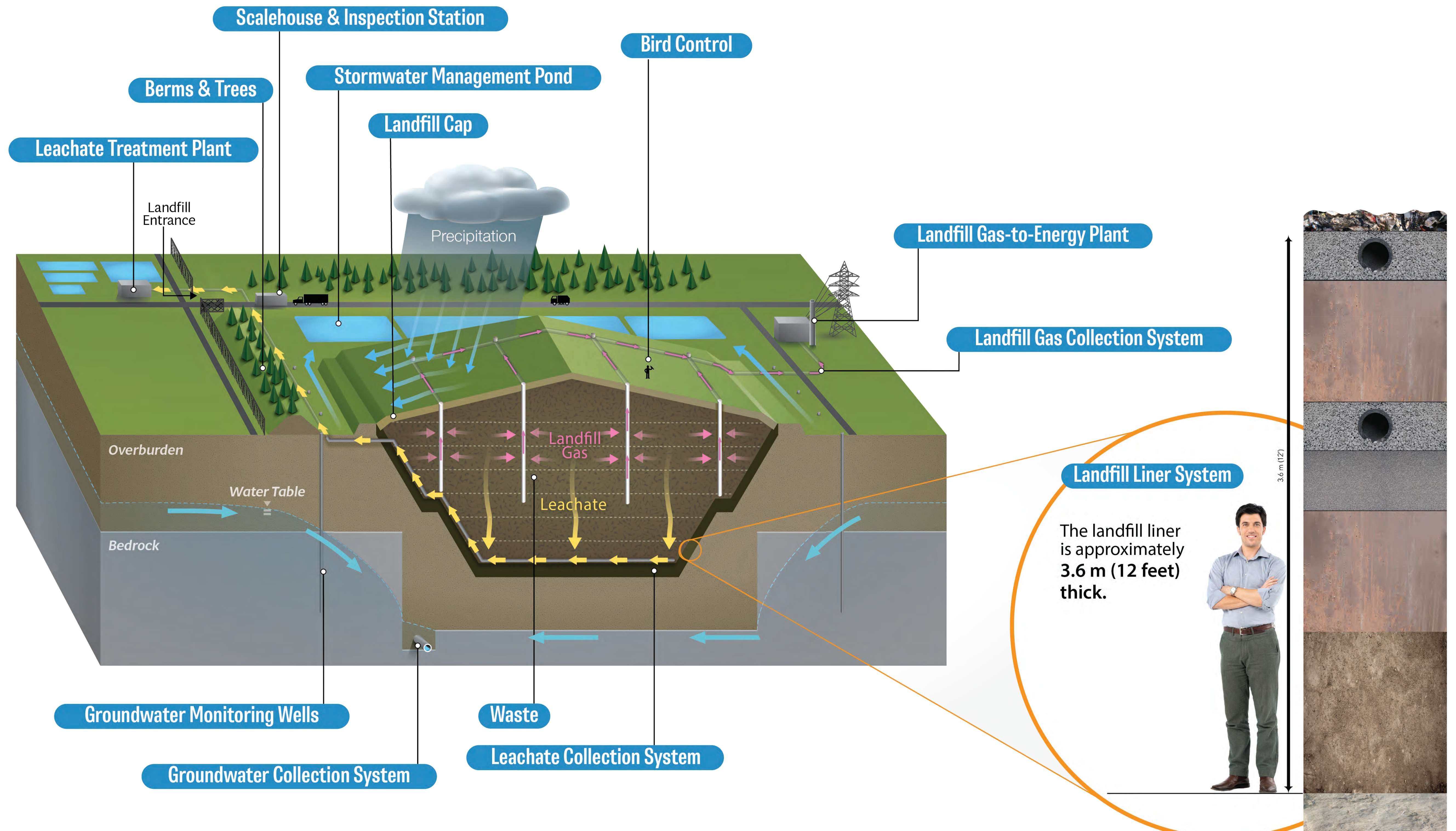
Learn more about the EA process:



Designed & Operated to the highest standard

Key Features

- Sophisticated **12-foot multi-layer liner** that creates a barrier between waste and the environment
- **Leachate collection & treatment system** for removal & treatment of water that comes into contact with waste
- **Landfill gas collection system & renewable natural gas production** to reduce emissions
- **0.75 m thick final landfill cap** to prevent water infiltration and control odour



* Liner system currently used at the South Landfill.

Existing Conditions

To ensure South Landfill Phase 2 can be developed safely, existing environmental conditions are being studied to understand what changes could be expected.



Range of Technical Studies Underway



Agriculture



Air Quality



Archaeology



Cultural Heritage



Ecology



Economic



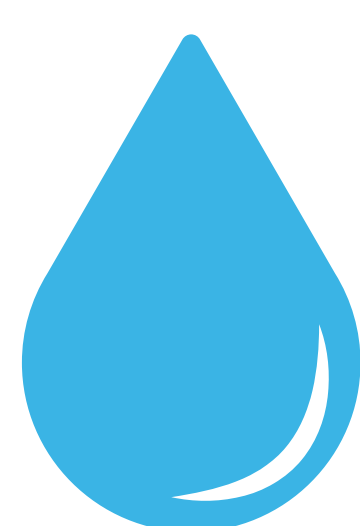
Land Use



Noise & Vibration



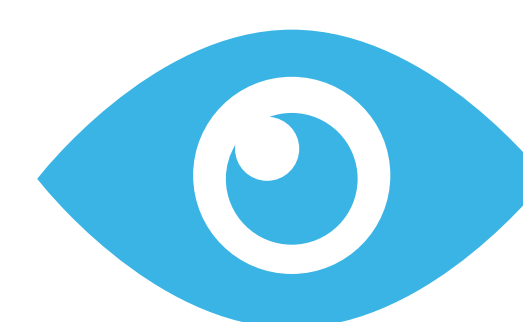
Social



Surface Water & Groundwater

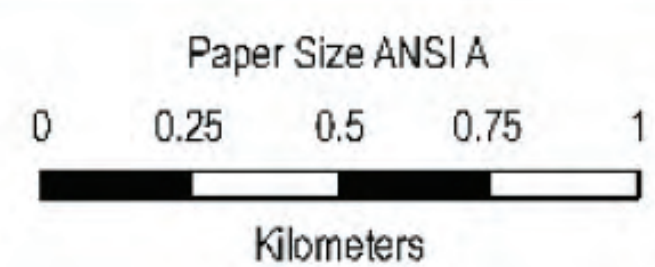
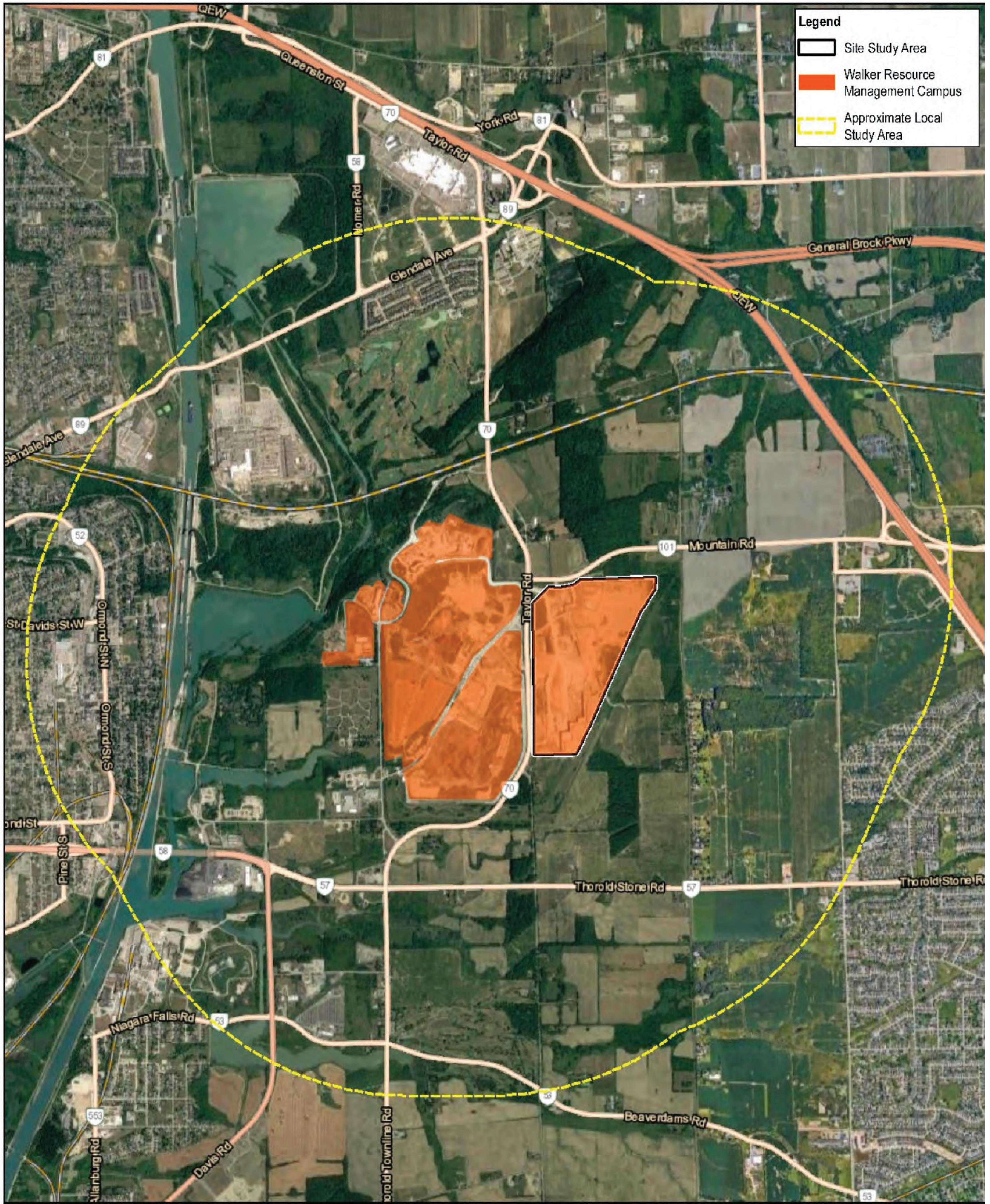


Traffic

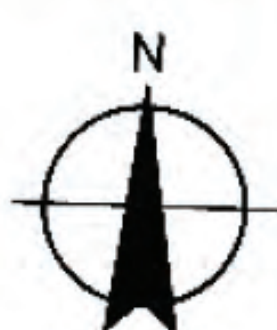


Visual

Study Area



Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N



WALKER INDUSTRIES
2800 THOROLD TOWNLINE RD, NIAGARA FALLS, ON
SOUTH LANDFILL PHASE 2 ENVIRONMENTAL ASSESSMENT
TERMS OF REFERENCE

SOUTH LANDFILL PHASE 2
PRELIMINARY STUDY AREA

Project No. 12567140
Revision No. -
Date Feb 23, 2024

FIGURE 6.1

Evaluation Criteria & Indicators

The Evaluation Criteria & Indicators are used by technical experts and scientists to identify potential effects on the environment. They help evaluate how existing conditions may or may not change.

What are Criteria and Indicators?



Criteria

Identifies **areas of interest** that will be evaluated.



Indicators

Identifies **what** will be studied.

A full list of criteria and indicators is provided on the next board.

Example



"I'm concerned about water quality."

Criteria

Effect on groundwater quality.

Effect on groundwater flow.

Indicator

- Predicted effects to groundwater quality at property boundaries and off-site
- Predicted effects to groundwater flow at property boundaries and off-site



Evaluation Criteria and Indicators

Criteria	Indicators	
Geology & Hydrogeology	<ul style="list-style-type: none"> Effect on groundwater quality Effect on groundwater flow 	<ul style="list-style-type: none"> Predicted effects to groundwater quality at property boundaries and off-site Predicted effects to groundwater flow at property boundaries and off-site
	<ul style="list-style-type: none"> Effect on surface water quality Effect on surface water quantity 	<ul style="list-style-type: none"> Predicted effects on surface water quality on-site and off-site Predicted change in drainage areas and land use Predicted occurrence and degree of off-site effects
Atmospheric Environment	<ul style="list-style-type: none"> Effect of air quality on off-site receptors 	<ul style="list-style-type: none"> Predicted off-site point of impingement concentrations ($\mu\text{g}/\text{m}^3$) of indicator compounds Number of off-site receptors potentially affected (residential properties, public facilities, businesses, and institutions) Frequency of any exceedance of applicable standards, limits, or guidelines at identified receptors
	<ul style="list-style-type: none"> Effect of odours on off-site receptors 	<ul style="list-style-type: none"> Predicted off-site odour concentrations ($\mu\text{g}/\text{m}^3$ and odour units) Number of off-site receptors potentially affected (residential properties, public facilities, businesses, and institutions) Frequency of any exceedance of applicable standards, limits, or guidelines at identified receptors
	<ul style="list-style-type: none"> Effect of noise on off-site receptors 	<ul style="list-style-type: none"> Predicted off-site noise level Number of off-site receptors potentially affected (residential properties, public facilities, businesses, and institutions) Predicted sound from traffic
Terrestrial & Aquatic Environment	<ul style="list-style-type: none"> Effect on terrestrial ecosystems 	<ul style="list-style-type: none"> Predicted impact on vegetation communities Predicted impact on wildlife habitat Predicted impact on vegetation and wildlife including rare, threatened or endangered species
	<ul style="list-style-type: none"> Effect on aquatic ecosystems 	<ul style="list-style-type: none"> Predicted impact on aquatic habitat Predicted impact on aquatic biota
	<ul style="list-style-type: none"> Effect on culturally significant species to Indigenous peoples, and rare (vulnerable), threatened or endangered species of flora or fauna or their habitat 	<ul style="list-style-type: none"> Predicted impact on culturally significant, rare, threatened, or endangered flora and fauna species and their habitat
	<ul style="list-style-type: none"> Effect on wetlands 	<ul style="list-style-type: none"> Predicted impact on wetlands
	<ul style="list-style-type: none"> Effect on wildlife habitat, populations, corridors or movement 	<ul style="list-style-type: none"> Predicted impact on wildlife habitat, populations, corridors or movement
	<ul style="list-style-type: none"> Effect on fish or their habitat, spawning, movement or environmental conditions (e.g., water temperature, turbidity, etc.) 	<ul style="list-style-type: none"> Predicted impact on fish, fish habitat, spawning behaviour, movement or environmental conditions
	<ul style="list-style-type: none"> Effect on locally important or valued ecosystems or vegetation 	<ul style="list-style-type: none"> Predicted impact on locally important or valued ecosystems or vegetation
	<ul style="list-style-type: none"> Effect on existing and proposed planned future land uses and associated infrastructure Effect on views of the facility 	<ul style="list-style-type: none"> Current and planned future land use Proximity to off-site sensitive land uses (e.g., dwellings, churches, parks) and features (e.g., wetlands, woodlots, etc.) Predicted changes in views of the facility from the surrounding area Visibility of project features from selected receptor locations Level of visual contrast of project features from selected receptor locations
Transportation	<ul style="list-style-type: none"> Effect on traffic 	<ul style="list-style-type: none"> Operational Level of Service at intersections around the Campus
	<ul style="list-style-type: none"> Road Safety and Geometry 	<ul style="list-style-type: none"> Traffic collision assessment Vertical and horizontal sightlines

Criteria	Indicators	
Social	<ul style="list-style-type: none"> Displacement of Residents from Houses 	<ul style="list-style-type: none"> The number of households/residents (property owners and tenants) to be displaced (i.e., forced relocation) by the project itself regardless of whether their property has been purchased or not The potential for or likelihood of voluntary out-migration of residents for consideration of the indirect effects on community character and cohesion
	<ul style="list-style-type: none"> Disruption to use and enjoyment of residential properties 	<ul style="list-style-type: none"> The number of existing residential households and / or future households that are located at specific receptor locations and potentially affected by noise, dust, odour, traffic, agricultural and visual effects; and the potential for and likelihood of changes in the presence of vermin and gulls The number of existing residential households fronting/backing onto a haul route and potentially affected by changes in project related traffic and traffic noise Potential for or likelihood of changes in peoples' use of residential property
	<ul style="list-style-type: none"> Disruption to use and enjoyment of public facilities and institutions 	<ul style="list-style-type: none"> The number of existing public facilities and institutions that may be affected by nuisance factors such as noise, dust, odour, traffic and visual effects; and the potential for and likelihood of changes in the presence of vermin and gulls Potential for or likelihood of changes in operations of public facilities and institutions Potential for or likelihood of changes in use and enjoyment of public facilities and institutions
	<ul style="list-style-type: none"> Loss / Disruption of Recreational Resources 	<ul style="list-style-type: none"> The number/nature of existing recreational resources and/or future features potentially affected by noise, dust, odour, visual effects and changes in project-related traffic; and the potential for the likelihood of changes in the presence of vermin and gulls Potential for or likelihood of changes in operations of recreational features Potential for or likelihood of changes in use and enjoyment of recreational resources
	<ul style="list-style-type: none"> Changes to community character 	<ul style="list-style-type: none"> Compatibility of landfill operations with the existing and likely future character of the community Compatibility of the proposed end use with the existing and likely future character of the community
	<ul style="list-style-type: none"> Changes to community cohesion 	<ul style="list-style-type: none"> The extent of displacement The potential for or likelihood of voluntary out-migration Loss and the extent of disruption of recreational resources, public facilities and institutions, and the use and enjoyment of residential properties
Agriculture	<ul style="list-style-type: none"> Effects on existing Agricultural Land Base 	<ul style="list-style-type: none"> CLI Soil Capability classification Soil suitability classification Climate Level of Fragmentation Proximity to non-farm land uses
	<ul style="list-style-type: none"> Effects on Agri Food Network 	<ul style="list-style-type: none"> Type(s) and proximity of agricultural operations Type(s) and proximity of agricultural related facilities Predicted impacts on surrounding agricultural operations & agricultural related facilities
Economic	<ul style="list-style-type: none"> Effect on local economy 	<ul style="list-style-type: none"> Impact on businesses Disruption/displacement of businesses (including tourism and farms) Business opportunities Labour market impacts Impact on direct, indirect, and induced employment GDP Impacts Impacts on direct, indirect and induced GDP Retention of economic benefits within local economy
	<ul style="list-style-type: none"> Effect on Real Estate 	<ul style="list-style-type: none"> Property value impacts
	<ul style="list-style-type: none"> Effect on public finance 	<ul style="list-style-type: none"> Impact on municipal revenue Impacts on municipal cost Impact on assessment base
	<ul style="list-style-type: none"> Cost of services 	<ul style="list-style-type: none"> Impact on customer cost of waste services
Cultural Heritage Resources	<ul style="list-style-type: none"> Effect on archaeological resources and areas of archaeological potential 	<ul style="list-style-type: none"> Number and type of archaeological sites affected Area (ha) of archaeological potential (i.e., areas with the likelihood to contain archaeological resources)
	<ul style="list-style-type: none"> Effect on known or potential built heritage resources and cultural heritage landscapes 	<ul style="list-style-type: none"> Number of known and potential built heritage resources and cultural heritage landscapes displaced or disrupted

Alternative Methods (Options)

Alternative Methods (Options) are different ways the project can be built.



The Approved Terms of Reference identifies Alternative Methods (Options) that will be evaluated during the Environmental Assessment.

It also identifies the options that were evaluated and determined not viable. Options no longer being considered include:

- ▶ Landfill Location
- ▶ Incineration
- ▶ Export to the USA
- ▶ Site Entrance
- ▶ Haul Route

There are two (2) Alternative Methods being considered for further evaluation.

Alternative Methods for Consideration

1 Landfill Site Configurations

Site Configurations are different concepts of the design for the landfill.

Concepts being explored include:

- Peak elevation & height
- Slopes / Contours of the final cover

2 Leachate Management Options

Leachate is water (typically precipitation) that comes into contact with waste.

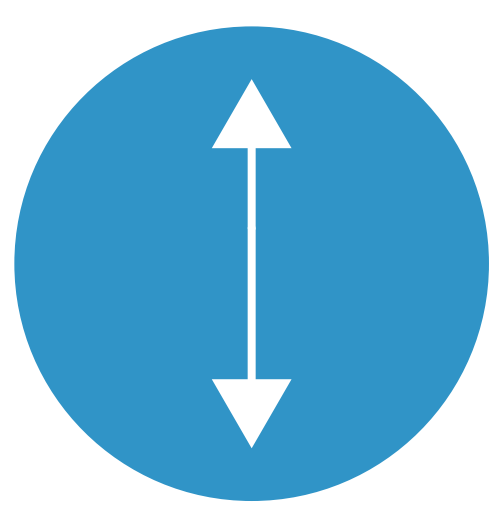
Options being explored include:

- Continued use of existing municipal waste water treatment infrastructure
- Development of a waste water treatment plant on Walker's campus.

Site Configurations - Reference

Site Configurations are different concepts of the design for the landfill. The configurations being explored include elements such as height, slope and capacity.

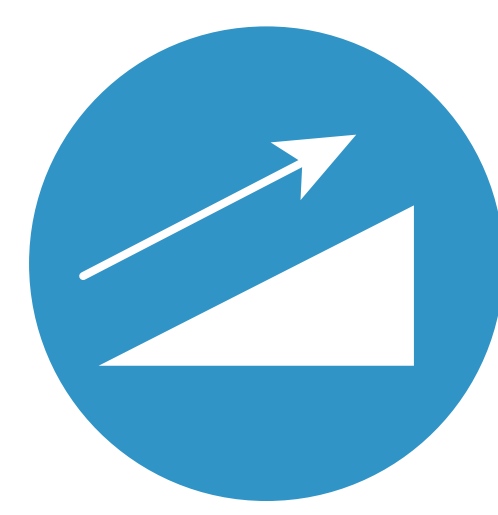
Site Configuration Considerations



Maximum Height

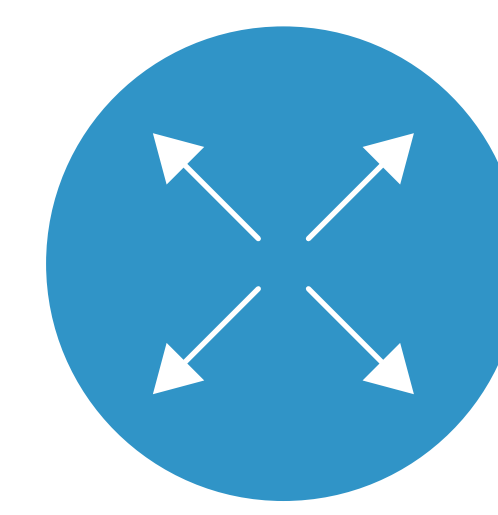
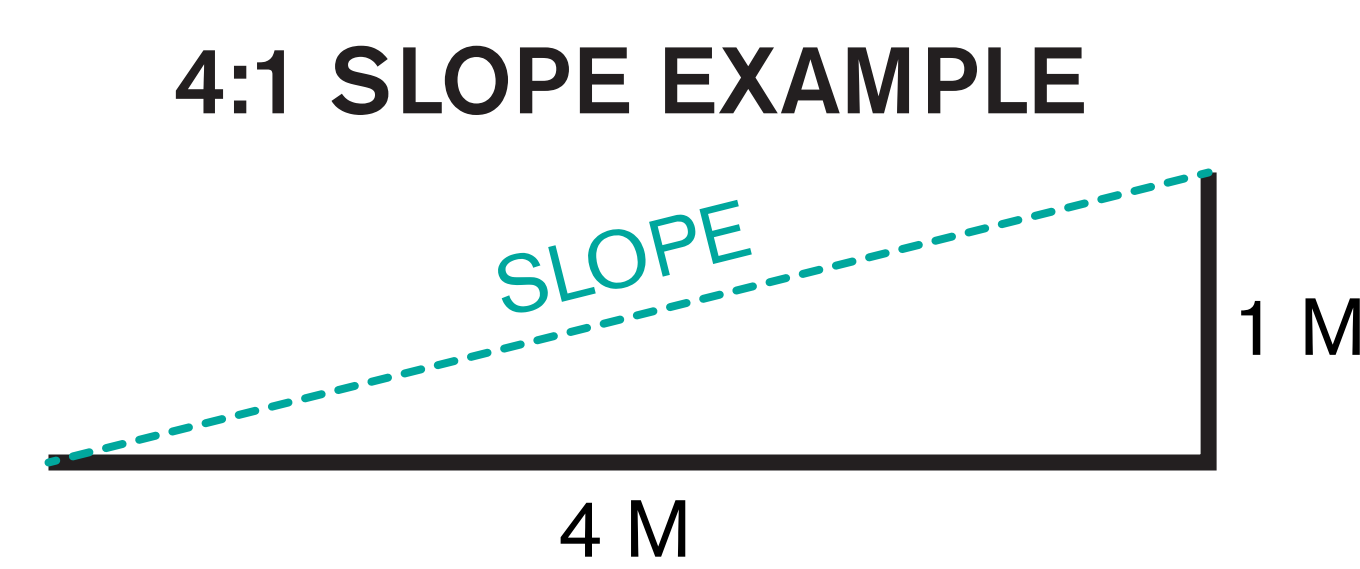
The maximum height identifies the highest point of the landfill.

masl = meters above sea level



Slope Steepness

The slope identifies how steep or flat the sides & top of the landfill will be.

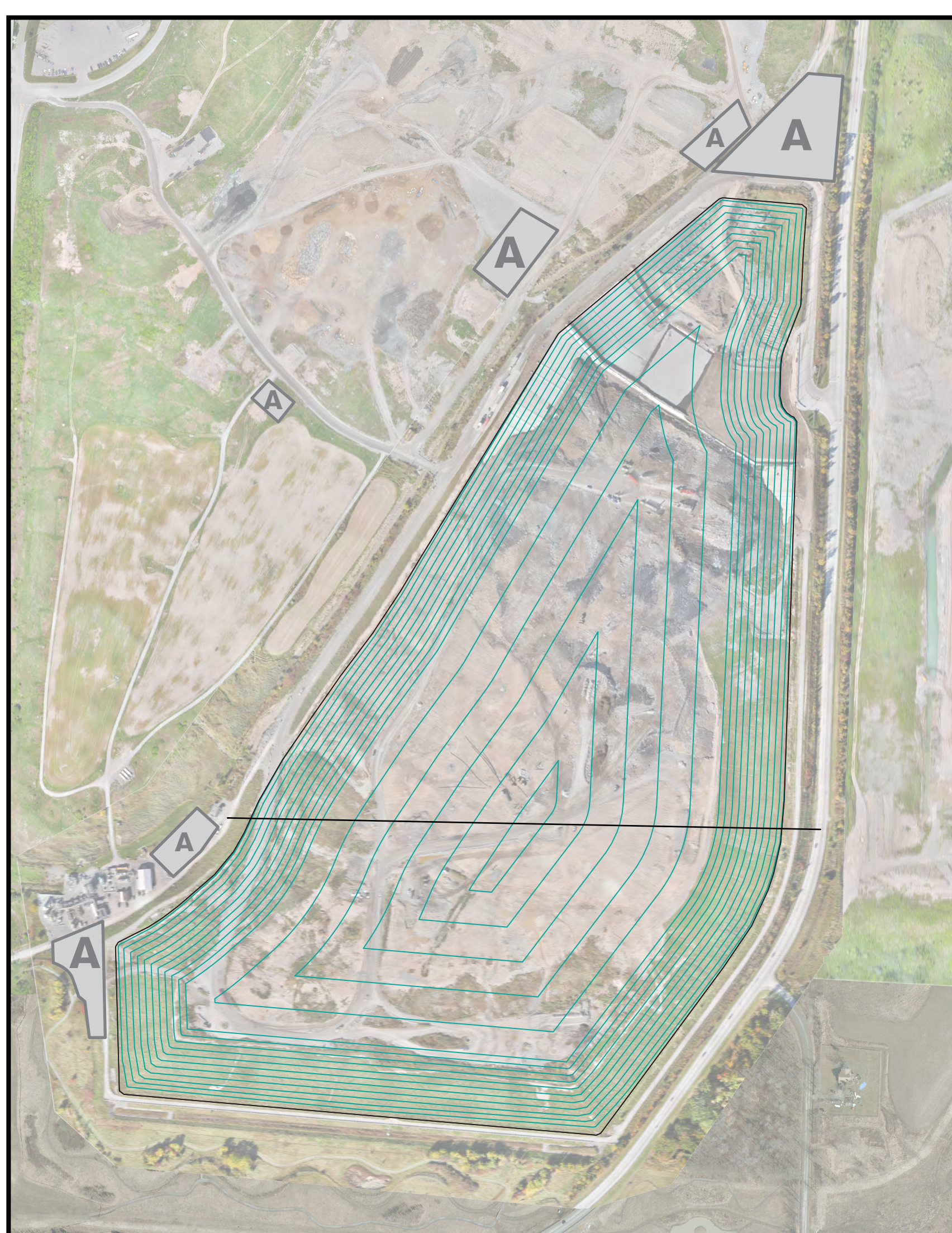


Landfill Capacity

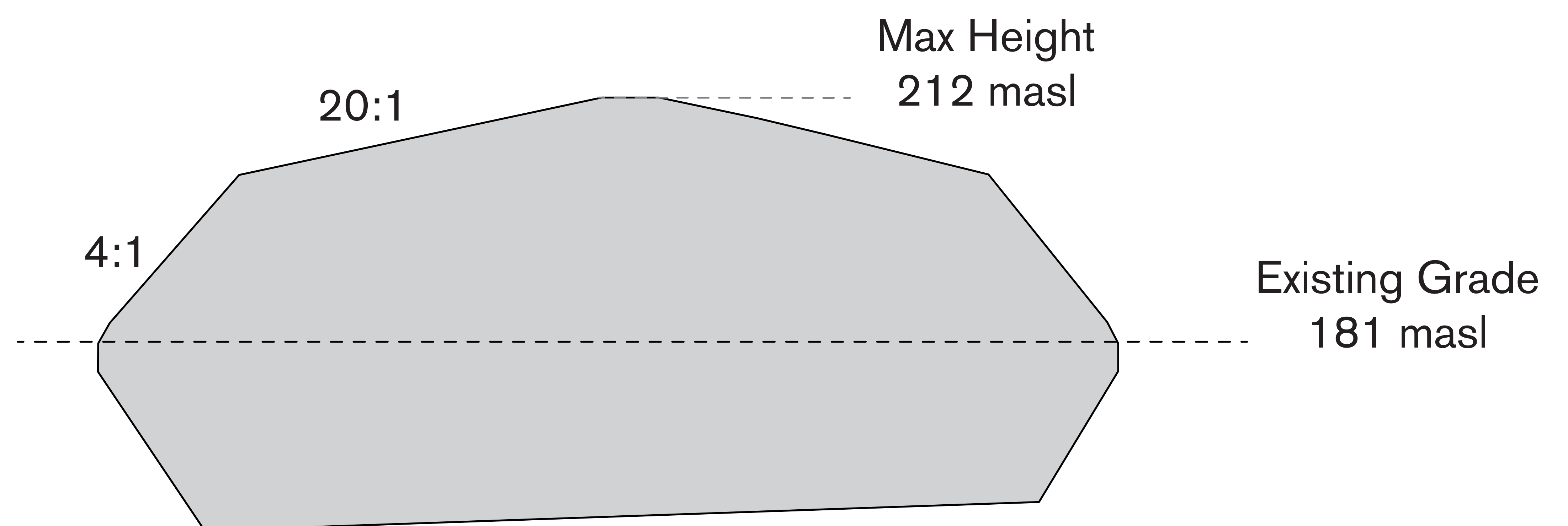
The landfill capacity is the total amount of waste the landfill can accept before it is closed.

To help compare South Landfill Phase 2 site configuration options, below is the current South Landfill Phase 1 configuration.

Example - Current South Landfill Phase 1



TEAL LINES REPRESENT A BIRDSEYE VIEW OF THE LANDFILL CONTOUR LINES



Landfill Capacity: 17,700,000 m³ Agricultural End Use Area: 76.0 acres (30.8 ha)

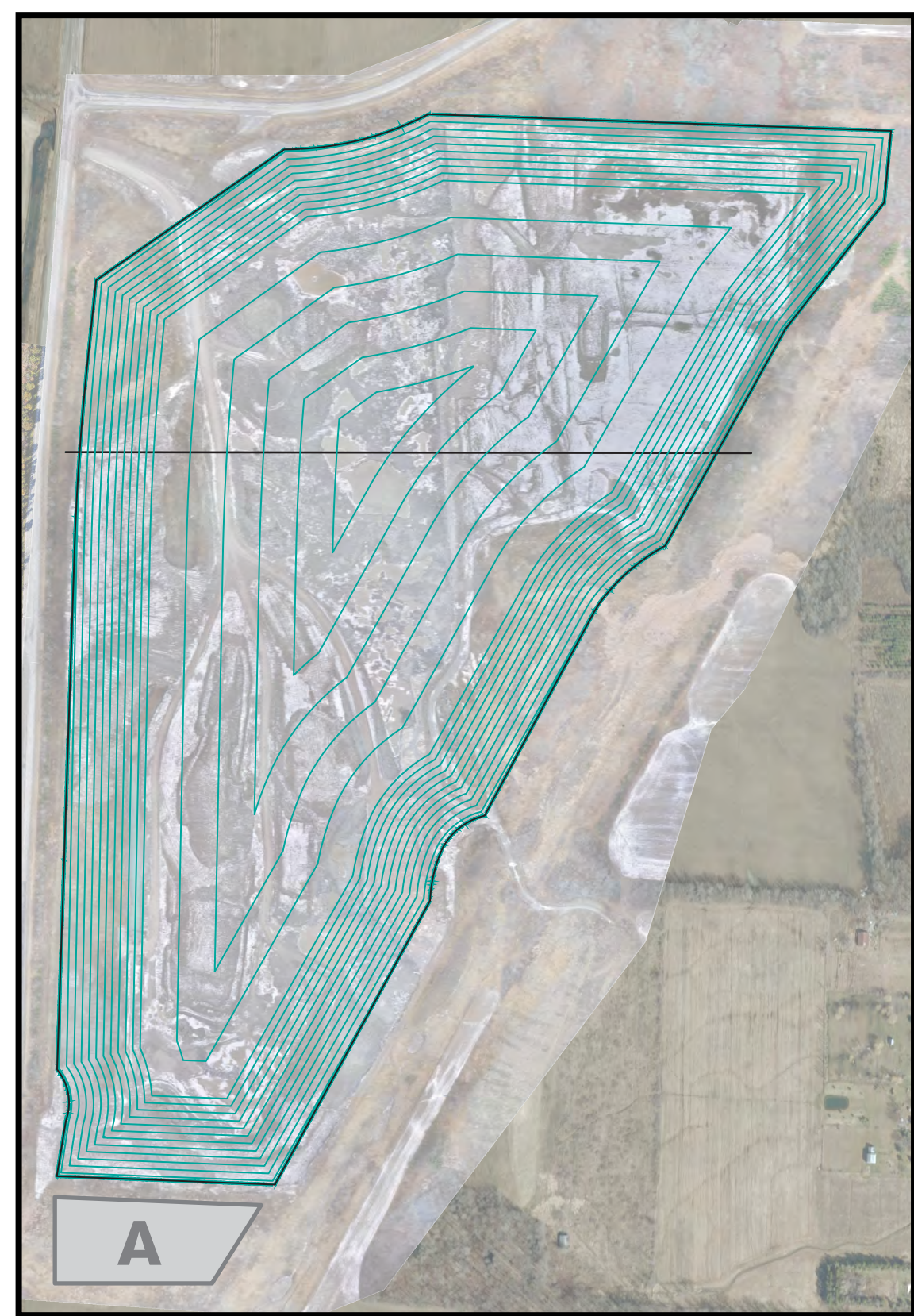
1 Landfill Site Configurations

South Landfill Phase 2 Options

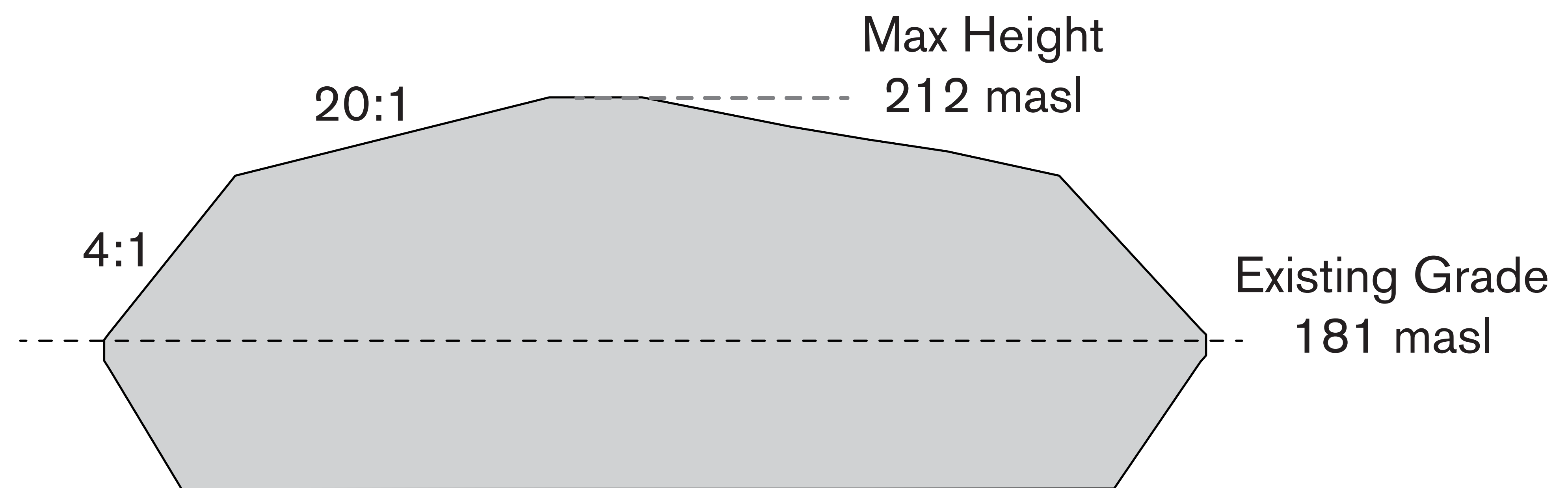
Three Landfill Site Configuration options are presented below showing different concepts for height, slope/contour, waste capacity, and area available for agricultural end use.

masl = meters above sea level

Option A

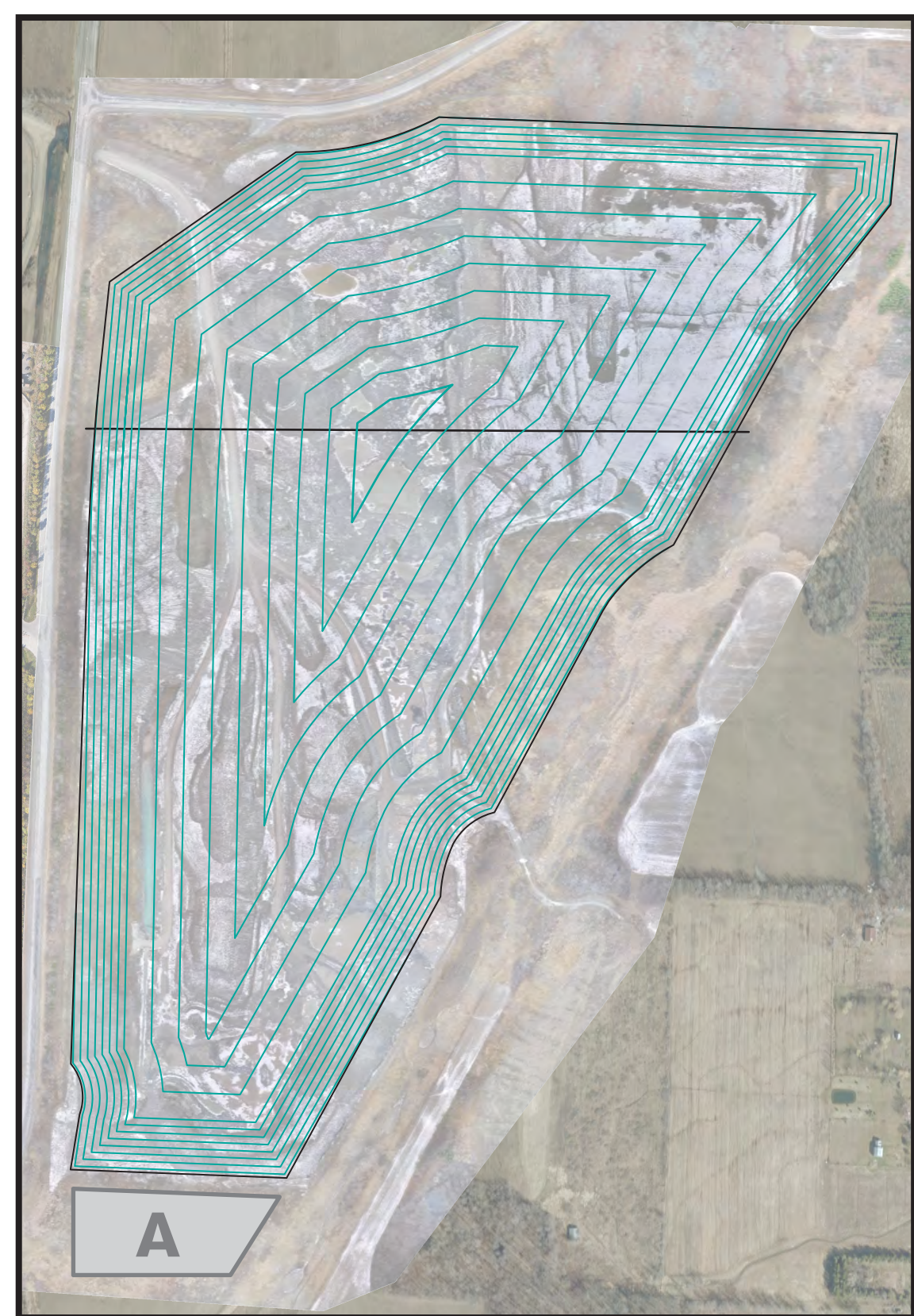


Same Height & Slopes As Current South Landfill Phase 1

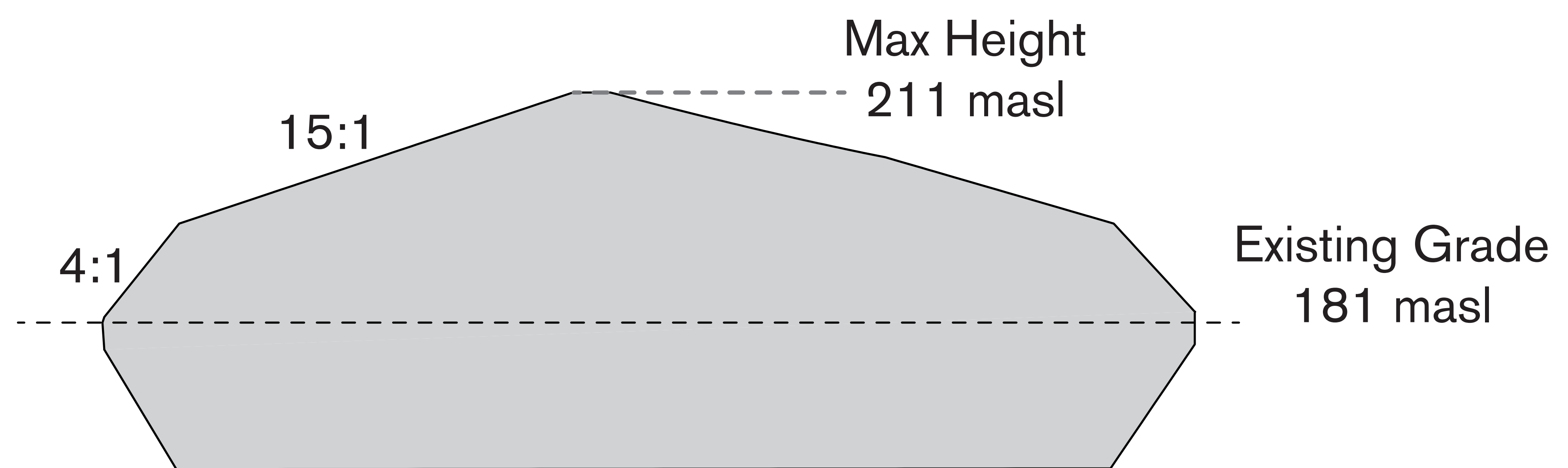


Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 90.6 acres (36.7 ha)

Option B



Maximized Agricultural End Use Option

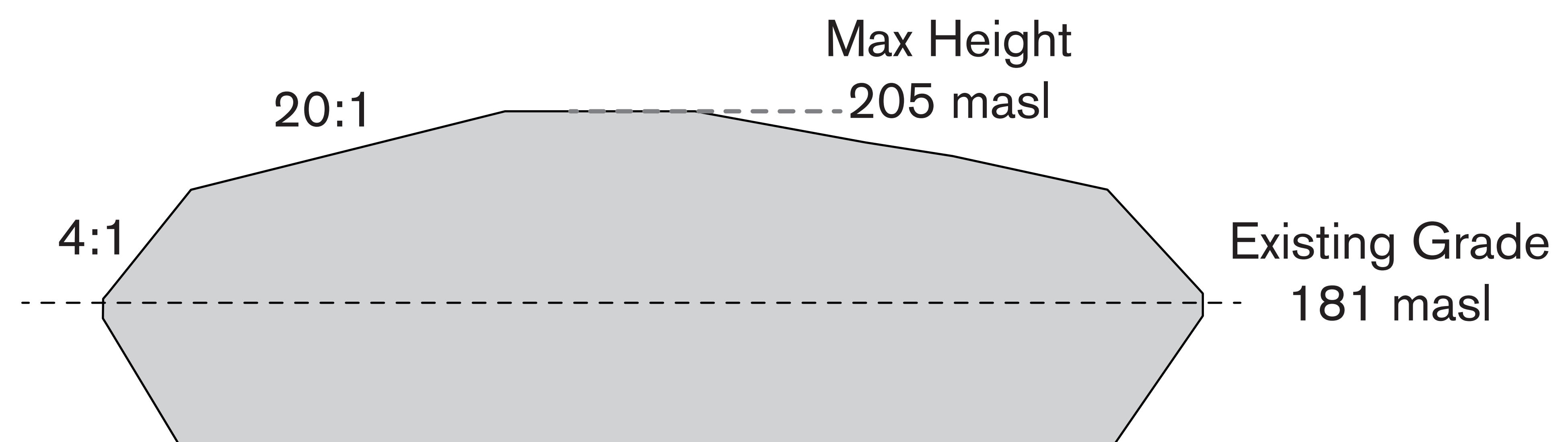


Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 130.0 acres (51.4 ha)

Option C



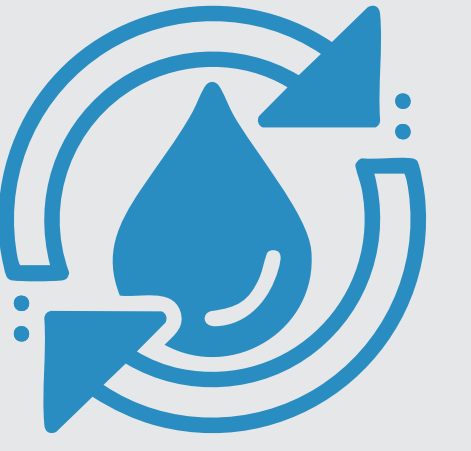
Average Agricultural End Use Option



Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 111.0 acres (45.0 ha)

Leachate Management - Reference

There are two **leachate treatment** options being explored.



Leachate is water (typically precipitation) that comes into contact with waste. The water is contained within the landfill liner and pumped out of the landfill for treatment.

Things to consider when evaluating Leachate Treatment Options



**Economic /
Financial
Impacts**



**Social
Impacts**



**Environmental
Impacts**
(Visual, Odour,
Water Quality, Noise)

Leachate Treatment Options will be evaluated using the **Criteria and Indicators**.

2

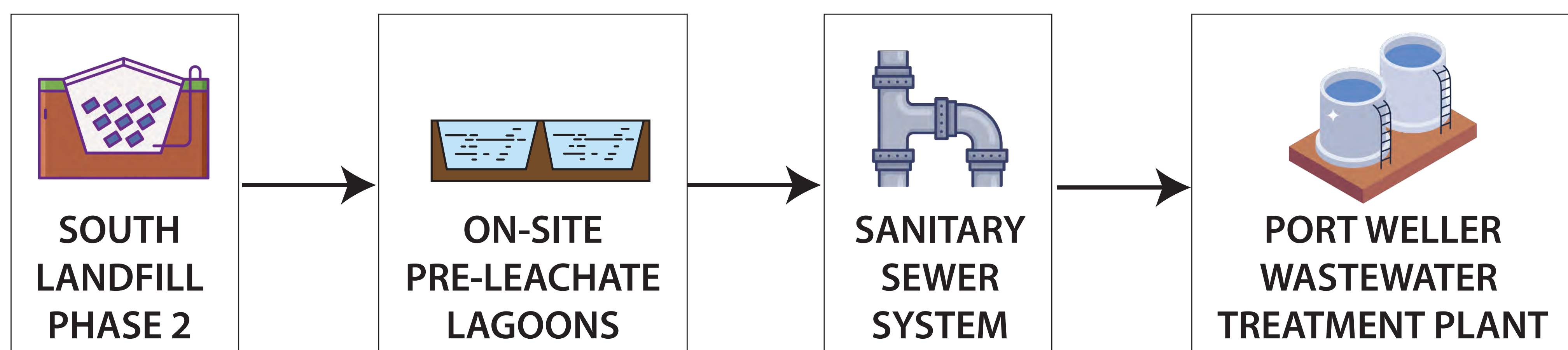
Leachate Management

South Landfill Phase 2 Options

Option A

Continued & Expanded Use of the Municipal Wastewater Treatment System

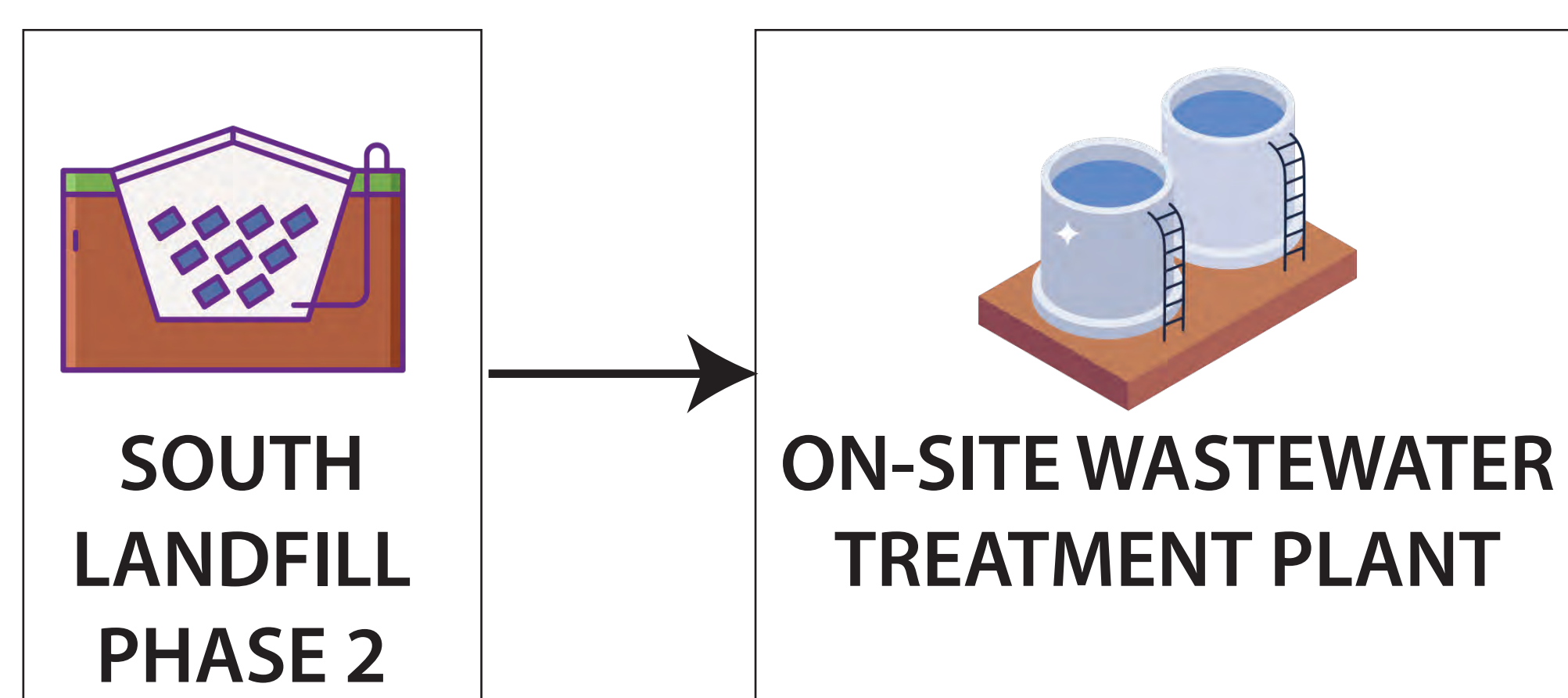
- ▶ Current form of treatment for South Landfill Phase 1.
- ▶ Would utilize unused capacity in the municipal system (if available).
- ▶ May include upgrading existing infrastructure.



Option B

Development of an On-Site Wastewater Treatment Plant

- ▶ Development of a treatment plant at the Walker Resource Management Campus.
- ▶ Feasibility of this option requires further analysis.



We Want to Hear from You

Your feedback is **valuable** and **community input** will be considered so that we can put forth a **Niagara-based solution**.

Connect With Us & Stay Involved



PROJECT WEBSITE

Visit to learn more & sign up to receive notifications
southlandfillphase2.com



PHONE

Call us at
1-866-699-9425



EMAIL

Send us an email at
info@southlandfillphase2.com



EVENTS

Attend public information sessions

Alternative Methods

Public Information Session - **Feedback Form**

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why: _____

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why: _____

Would you like to be kept informed and contacted for future project updates?

First Name _____ Last Name _____

Phone _____ Email _____

Address _____

City _____ Province _____ Postal Code _____

Welcome to the South Landfill Phase 2 EA information session.

Walker is hosting this public information session to:

- ▶ Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 Environmental Assessment (EA)
- ▶ Inform attendees and gather feedback on, the Final EA Study Area, Existing Conditions, and Evaluation Criteria and Indicators (see information boards)
- ▶ Review the Alternative Methods

Please use this worksheet to share your thoughts on the Alternative Methods being considered for site configurations and leachate management.

Your perspective and feedback is valuable and appreciated. All comments received will be documented and carefully considered.



Connect with us & stay involved:


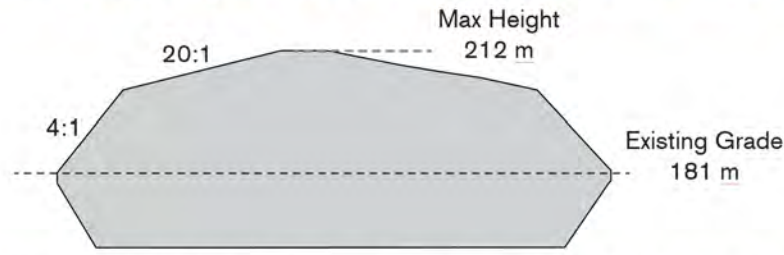
info@southlandfillphase2.com | southlandfillphase2.com | 1-866-699-9425

March 18, 2025

Landfill Site Configuration Options


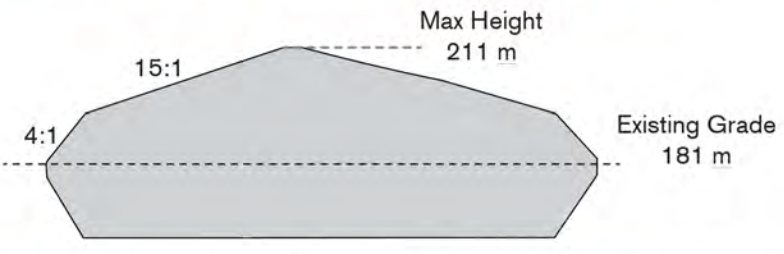
Which Landfill Site Configuration option do you prefer and why?

Option A **Same Height & Slopes As Current South Landfill Phase 1**


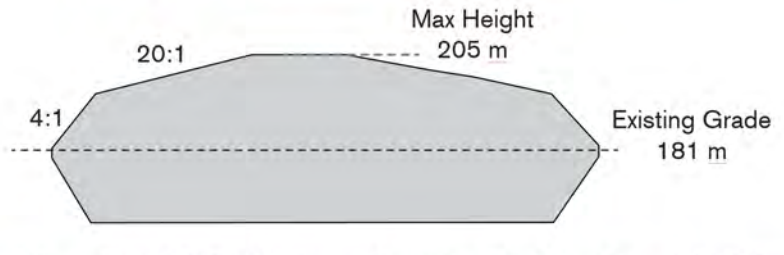
Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 366,719 m²

Option B **Maximized Agricultural End Use Option**

Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 513,600 m²

Option C **Average Agricultural End Use Option**

Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 450,216 m²

(Please select one option)

- Option A - Same Height & Slopes As Current South Landfill Phase 1
- Option B - Maximized Agricultural End Use Option
- Option C - Average Agricultural End Use Option

Please tell us why: _____

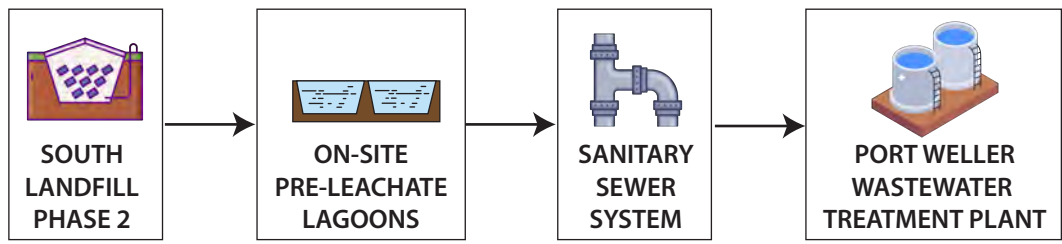
Leachate Management Options

Which Leachate Management option do you prefer and why?

Option A

Continued & Expanded Use of the Municipal Wastewater Treatment System

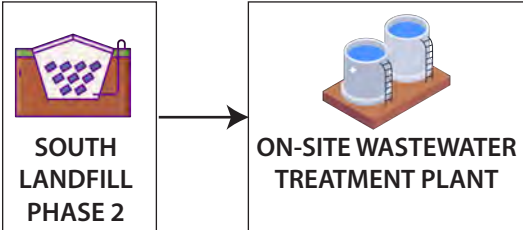
- ▶ Current form of treatment for South Landfill Phase 1.
- ▶ Would utilize unused capacity in the municipal system (if available).
- ▶ May include upgrading existing infrastructure.



Option B

Development of an On-Site Wastewater Treatment Plant

- ▶ Development of a treatment plant at the Walker Resource Management Campus.
- ▶ Feasibility of this option requires further analysis.



(Please select one option)

- Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why: _____

South Landfill Phase 2 **Environmental Assessment**

Information Booklet



Safe & Reliable Waste Management

As the Niagara region continues to grow, planning for long-term waste disposal capacity is increasingly important. Despite recycling and green bin composting efforts, landfill space is still needed for non-recyclable materials.

More than a landfill

Walker's Resource Management Campus in Niagara is a dynamic operation that efficiently manages waste and sustainably recovers resources.



For over 40 years, Walker has played a key role in helping the community manage waste through safe disposal services. As the existing phase of the South Landfill in Niagara Falls reaches final capacity, we are proposing to develop the next phase of the landfill to continue to provide waste management for local residents and businesses.

Phase 2 of the South Landfill will provide additional disposal capacity over a 20-year period, supply renewable energy for the community by turning landfill gas into energy, and continue to be a major employer in the region.

Phase 2: The Future Development of the South Landfill

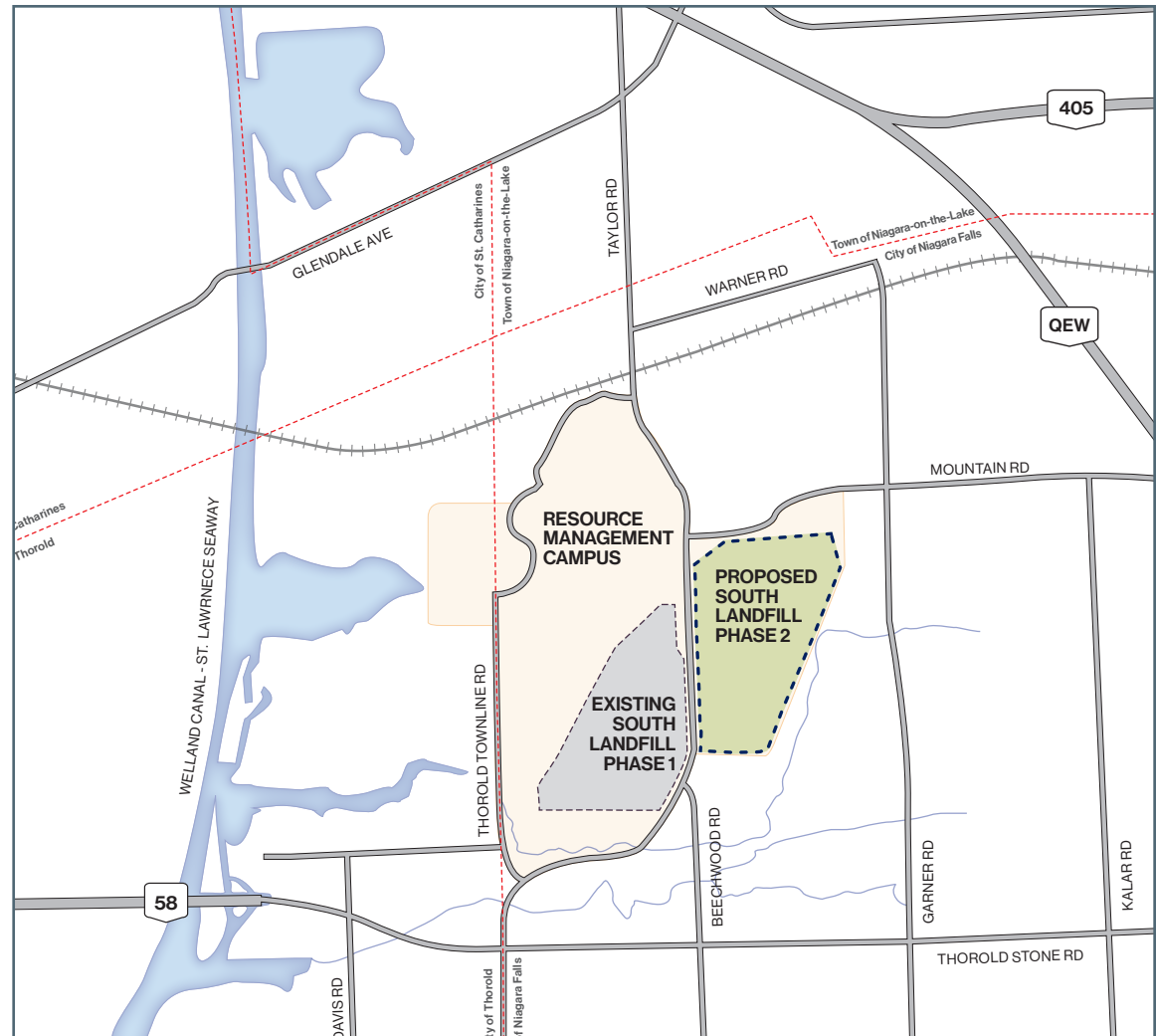
The South Landfill is a state-of-the-art, engineered landfill designed with exceptional safety and environmental controls that accepts only solid non-hazardous waste.

If approved, Phase 2 of the South Landfill would be developed on lands owned by Walker, located immediately east of current landfill operations. This site would allow for daily operations to seamlessly transition into a new adjacent fill area. Existing infrastructure such as the site entrance would not change.

Did you know?



- Our landfill produces enough renewable energy to power the equivalent of 25,000 homes
- Walker delivers landfill gas to the nearby GM Plant, where it is used to generate renewable electricity & heat, reducing their carbon footprint by 70%.



Phase 2 Key Facility Information



1.1 million tonnes of waste per year



18 million m³ total capacity



20 years of safe disposal



~500 jobs supported in Niagara

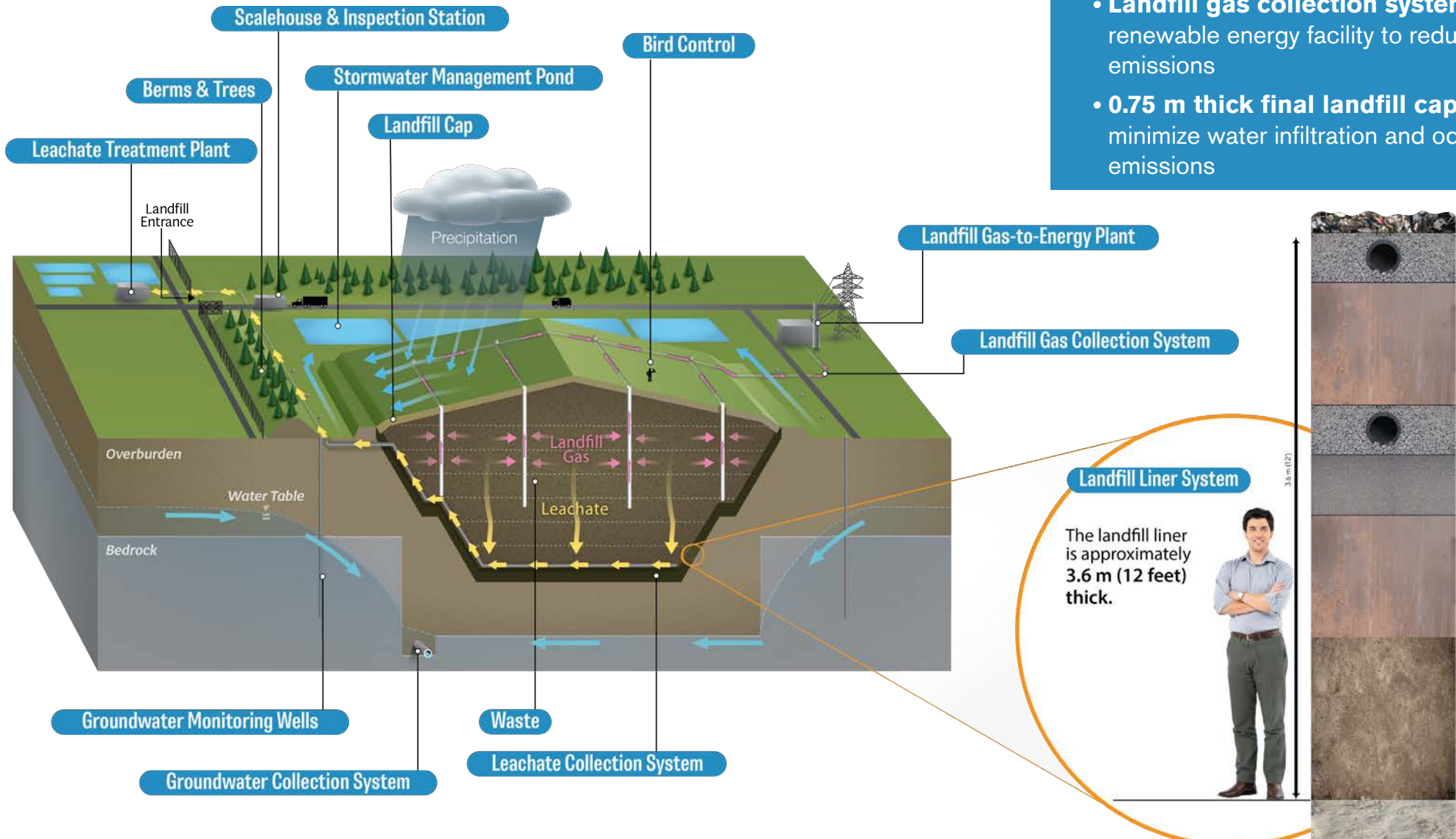


Enough energy to power the equivalent of 10,000 homes

Designed & Operated to the highest standard

Key Features

- Sophisticated **12-foot multi-layer liner** that creates a **barrier** between waste and the environment
- **Leachate collection & treatment system** for removal & treatment of water that comes into contact with waste
- **Landfill gas collection system & renewable energy facility** to reduce GHG emissions
- **0.75 m thick final landfill cap** to minimize water infiltration and odour emissions



Landfill Liner System

The landfill liner is approximately 3.6 m (12 feet) thick.



* Liner system currently used at the South Landfill.

A planning process that **Incorporates Your Input**

Before Phase 2 can be built, it will undergo a **rigorous planning and decision-making process** called an Environmental Assessment.

This process is **regulated by the Ontario Ministry of the Environment, Conservation, and Parks (MECP)** through the *Environmental Assessment Act*, which is designed to protect, conserve, and wisely manage Ontario's environment.

A Two-Step Process

Step 1 - Terms of Reference (TOR)

This is the initial step in the EA process. It is a document that serves as the roadmap for what will be studied in the EA and outlines the public consultation that will take place.

Step 2 - Environmental Assessment (EA)

This is where the scientific studies occur. These studies identify the effects of the project, both positive and negative, and proposed mitigation measures where needed.

The Environmental Assessment Process

TERMS OF REFERENCE (TOR)



ENVIRONMENTAL ASSESSMENT (EA)



Why Walker?

Walker partners with communities to provide responsible solutions, finds innovative ways to recover resources from waste, and keep our people safe through our commitment to health and safety.



INDUSTRY EXPERTS

Four decades of landfill & resource recovery expertise



RESPONSIBLE OPERATORS

Extensive environmental monitoring & controls



FUTURE-ORIENTED

Committed to community & future generations



INNOVATORS

Safe and reliable landfill design & engineering

We Want to Hear from You!

Walker wants to hear your thoughts. Your feedback is valuable and helps inform our planning process so that we can develop a Niagara-based solution.

Anyone interested in the project can stay involved through our project website, public events and by contacting us directly. Learn more at southlandfillphase2.com.



Darren Fry

Project Director



Elizabeth Duguay

Planning & Community Engagement Lead



Leticia Koole

Project Support Specialist



Kaitlynn Valeriano

Communications & Community Outreach Manager

Connect With Us & Stay Involved



PROJECT WEBSITE

Visit to learn more & sign up to receive notifications
southlandfillphase2.com



PHONE

Call us at
1-866-699-9425



EMAIL

Send us an email at
info@southlandfillphase2.com



EVENTS

Attend public information sessions



 **walker**
southlandfillphase2.com

Want to stay informed?

Would you like to receive updates about the South Landfill Phase 2 Environmental Assessment (EA)?

First Name _____ Last Name _____

Phone _____ Email _____

Address _____

City _____ Province _____ Postal Code _____

We offer tours of our Resource Management Campus. Are you interested in a tour to learn more about how we safely manage waste & recover resources?

Yes

No

March 18, 2025 - Public Information Session

South Landfill Phase 2 EA



Appendix E

**Public Information
Session Feedback**

Alternative Methods

Public Information Session - Feedback Form

Welcome to the South Landfill Phase 2 EA information session.

Walker is hosting this public information session to:


- ▶ Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 Environmental Assessment (EA)
- ▶ Inform attendees and gather feedback on, the Final EA Study Area, Existing Conditions, and Evaluation Criteria and Indicators (see information boards)
- ▶ Review the Alternative Methods

Please use this worksheet to share your thoughts on the Alternative Methods being considered for site configurations and leachate management.

Your perspective and feedback is valuable and appreciated. All comments received will be documented and carefully considered.



March 18, 2025

 walker

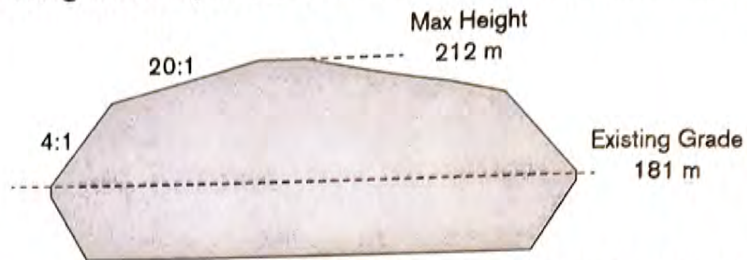
Landfill Site Configuration Options

Which Landfill Site Configuration option do you prefer and why?

Option A



Same Height & Slopes As Current South Landfill Phase 1

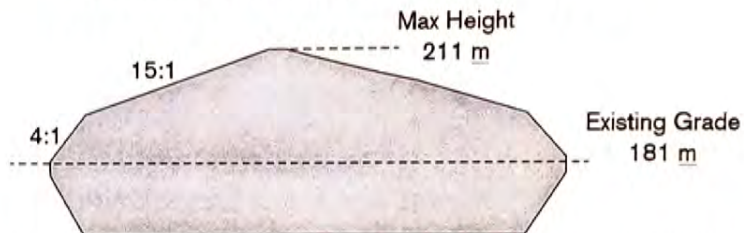


Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 366,719 m²

Option B



Maximized Agricultural End Use Option

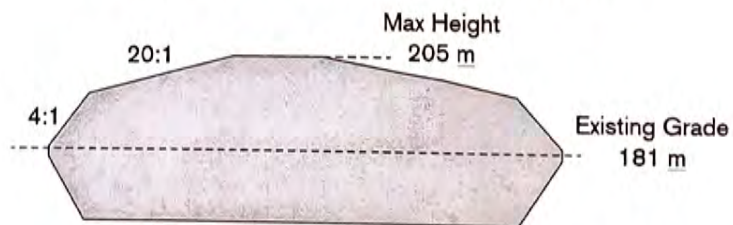


Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 513,600 m²

Option C



Average Agricultural End Use Option



Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 450,216 m²

(Please select one option)

- Option A - Same Height & Slopes As Current South Landfill Phase 1
- Option B - Maximized Agricultural End Use Option
- Option C - Average Agricultural End Use Option

Please tell us why: _____

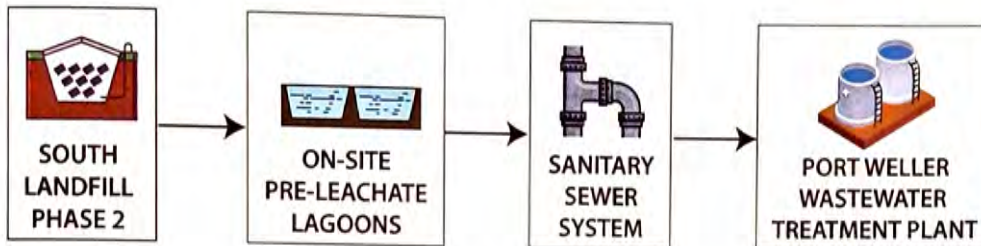
Leachate Management Options

Which Leachate Management option do you prefer and why?

Option A

Continued & Expanded Use of the Municipal Wastewater Treatment System

- ▶ Current form of treatment for South Landfill Phase 1.
- ▶ Would utilize unused capacity in the municipal system (if available).
- ▶ May include upgrading existing infrastructure.



Option B

Development of an On-Site Wastewater Treatment Plant

- ▶ Development of a treatment plant at the Walker Resource Management Campus.
- ▶ Feasibility of this option requires further analysis.



(Please select one option)

Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System

Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why:

IS this available for adjacent owners to use?

new/upgraded

- IS water service from the City or Region part of the project?

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why: _____

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why: _____

Would you like to be kept informed and contacted for future project updates?

First Name MUHAMMAD Last Name AHMED
Phone 647-887-4875 Email Mahmed@9keygatehomes.com
Address 1051 OLD HEROLD STONE RD.
City HEROLD Province ON Postal Code L2V 3Y5

Connect with us & stay involved:

info@southlandfillphase2.com | southlandfillphase2.com | 1-866-699-9425

Alternative Methods

Public Information Session - **Feedback Form**

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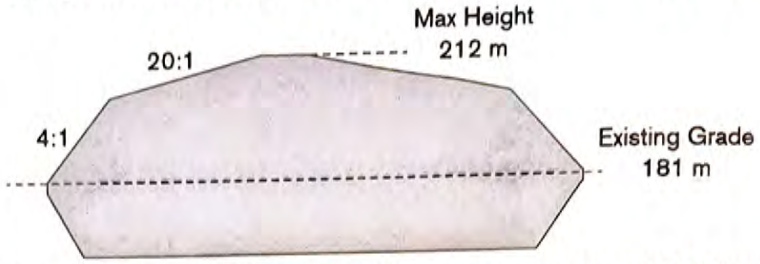
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Which Landfill Site Configuration option do you prefer and why?



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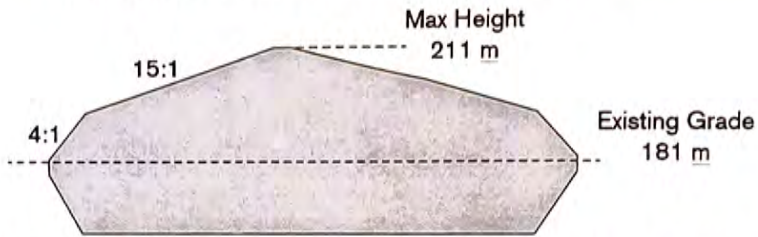


Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 366,719 m²



Option B

Maximized Agricultural End Use Option

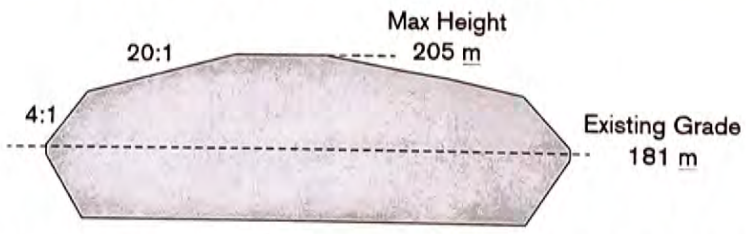


Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 513,600 m²



Option C

Average Agricultural End Use Option



Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 450,216 m²

(Please select one option)

- Option A - Same Height & Slopes As Current South Landfill Phase 1
- Option B - Maximized Agricultural End Use Option
- Option C - Average Agricultural End Use Option

Please tell us why: maximizes end use

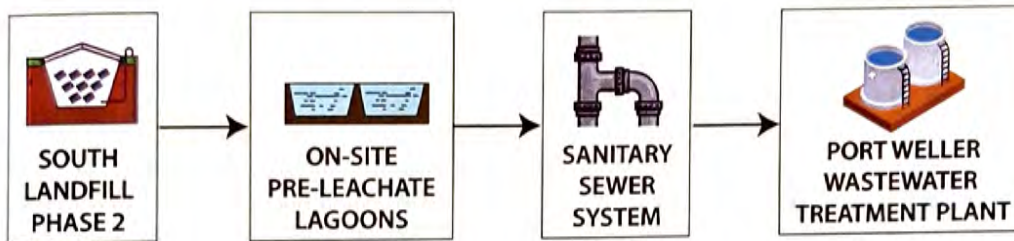
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Which Leachate Management option do you prefer and why?

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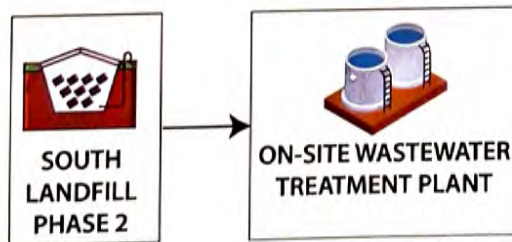
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- ▶ Feasibility of this option requires further analysis.



(Please select one option)

- Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why: with housing development in area Port Weller
unlikely to have capacity

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: the Alternative methods were well explained

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: there were plenty of people to answer any questions

Would you like to be kept informed and contacted for future project updates?

First Name Susan Last Name Siebert
Phone _____ Email sesiebert@gmail.com
Address 3241 Montrose Rd
City N.F Province ON Postal Code L2H 3L3

Connect with us & stay involved:
info@southlandfillphase2.com | southlandfillphase2.com | 1-866-699-9425

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

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- Yes
 Somewhat
 No

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 Somewhat
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any questions

Alternative Methods

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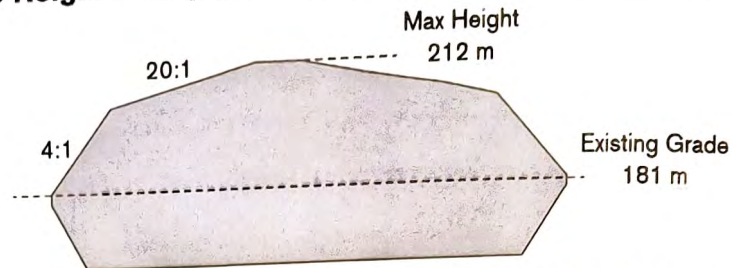
Landfill Site Configuration Options

Which Landfill Site Configuration option do you prefer and why?

Option A



Same Height & Slopes As Current South Landfill Phase 1

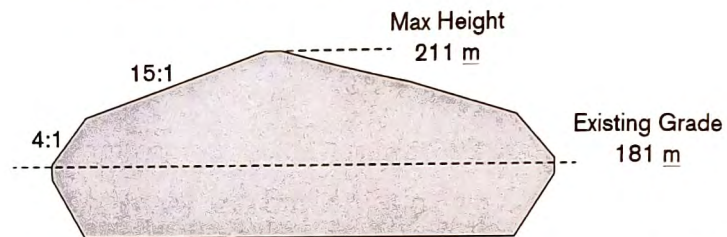


Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 366,719 m²

Option B



Maximized Agricultural End Use Option

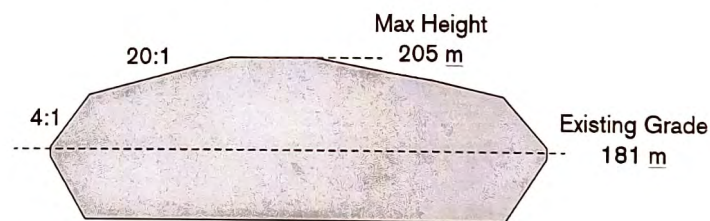


Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 513,600 m²

Option C



Average Agricultural End Use Option



Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 450,216 m²

(Please select one option)

- Option A - Same Height & Slopes As Current South Landfill Phase 1
 Option B - Maximized Agricultural End Use Option
 Option C - Average Agricultural End Use Option

Please tell us why: MAXIMIZE AGRICULTURAL LANDS.

- CONSIDERABLE EROSION @ 15:1 SLOPE

- PERPENDICULAR ROWS, EROSION CONTROL

- ACCESS RAMPS & STAGING

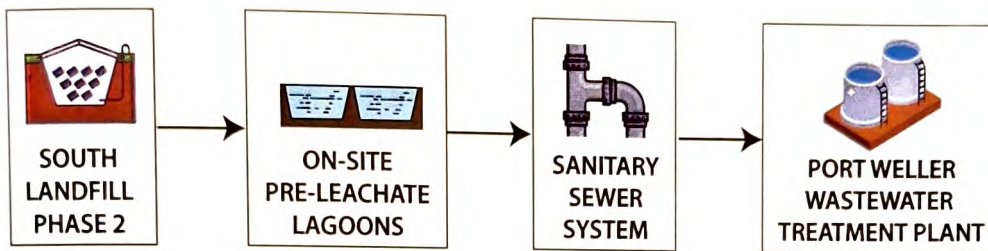
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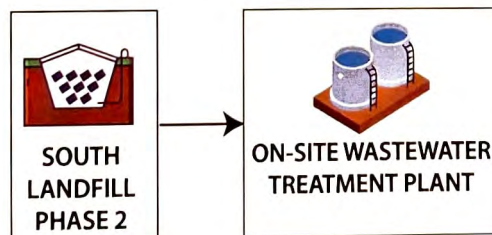
- ▶ Current form of treatment for South Landfill Phase 1.
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Option B

Development of an On-Site Wastewater Treatment Plant

- ▶ Development of a treatment plant at the Walker Resource Management Campus.
- ▶ Feasibility of this option requires further analysis.



(Please select one option)

- Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why: _____

- Most cost effective options
↑
to businesses & residents.

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: _____

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: _____

Would you like to be kept informed and contacted for future project updates?

First Name Kyle Last Name Smith
Phone 905-323-5041 Email ksmith22@hotmail.ca
Address 2134 Merrittville Hwy
City Fonthill Province Ont Postal Code L0S 1E6

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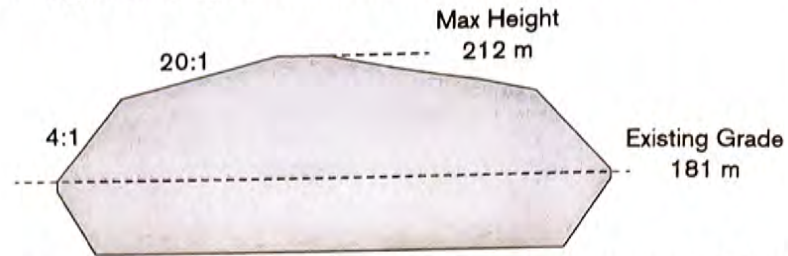
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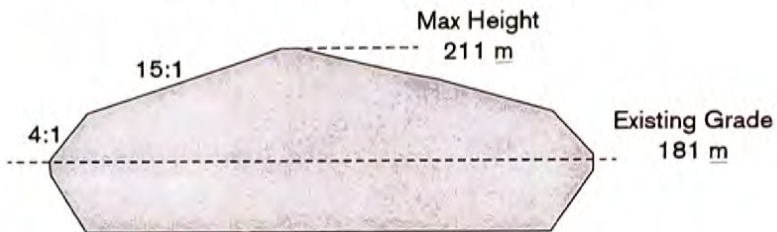


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Option B



Maximized Agricultural End Use Option



Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 513,600 m²

Option C



Average Agricultural End Use Option



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Please tell us why: _____

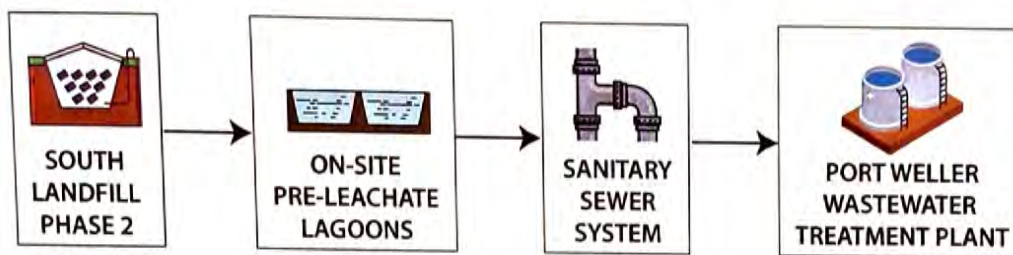
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- ▶ Feasibility of this option requires further analysis.



(Please select one option)

- Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why:

Option A is using existing infrastructure & less expensive
An ON-SITE WASTE WATER TREATMENT PLANT
MAY introduce additional odours.

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why:

Very well explained & illustrated

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
 Somewhat
 No

Please tell us why:

a lot of people on hand to answer our questions

Would you like to be kept informed and contacted for future project updates?

First Name Ed Last Name Siebert
Phone (905) 356 6702 Email siebert313@gmail.com
Address 15-3241 Montrose Rd.
City Niagara Falls Province ON Postal Code L2H 3L3

Connect with us & stay involved:

info@southlandfillphase2.com | southlandfillphase2.com | 1-866-699-9425

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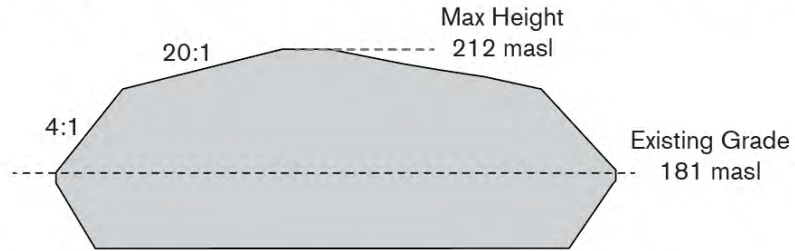
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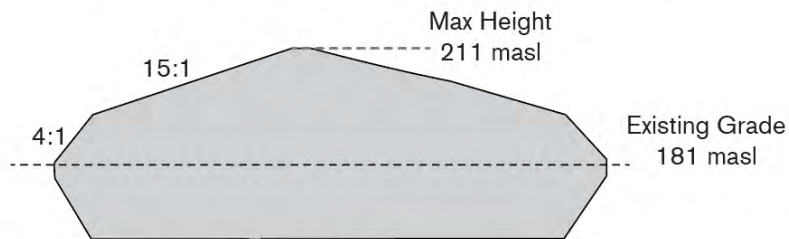


Landfill Capacity: 20,205,000 m³ Agricultural End Use Area: 90.6 acres (36.7 ha)

Option B



Maximized Agricultural End Use Option

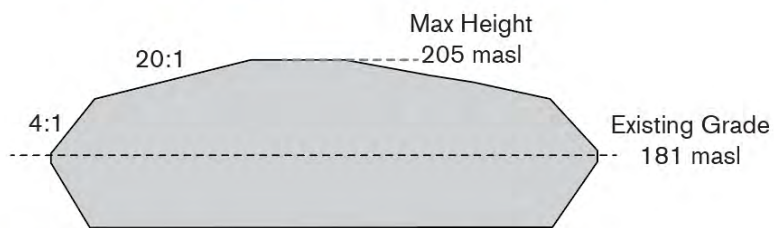


Landfill Capacity: 18,277,400 m³ Agricultural End Use Area: 130.0 acres (51.4 ha)

Option C



Average Agricultural End Use Option



Landfill Capacity: 17,893,000 m³ Agricultural End Use Area: 111.0 acres (45.0 ha)

(Please select one option)

- Option A - Same Height & Slopes As Current South Landfill Phase 1
- Option B - Maximized Agricultural End Use Option
- Option C - Average Agricultural End Use Option

Please tell us why: _____

Maximizes use of the space given capacity issues. Allows for greater agricultural end use options.

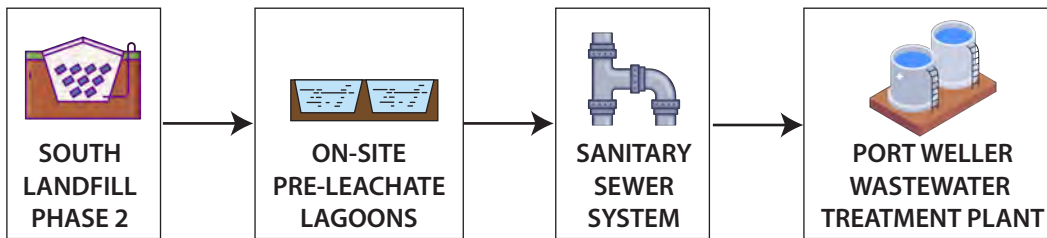
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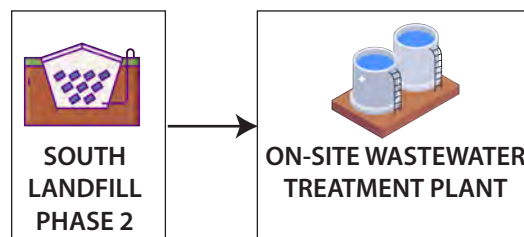
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(Please select one option)

- Option A - Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B - Development of an On-Site Wastewater Treatment Plant

Please tell us why: _____

Should utilize existing or unused capacity if it exists. Alternative would be costly and would raise disposal costs to residents and businesses.

Was the information session helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: _____

Was the information presented easy to understand and the appropriate level of detail provided?

(Please select one option)

- Yes
- Somewhat
- No

Please tell us why: _____

Would you like to be kept informed and contacted for future project updates?

First Name Ashley Last Name De Souza
Phone 416-674-1542 Email info@w2ro.org
Address 170 Attwell Drive, Suite 580
City Etobicoke Province ON Postal Code M9W 5Z5

Connect with us & stay involved:

info@southlandfillphase2.com | southlandfillphase2.com | 1-866-699-9425

Public Information Session #2

Summary Report

Recommended Method

South Landfill Phase 2 EA

Public Information Session #2 – June 18, 2025

Walker Environmental Group

July 30, 2025

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1 Introduction

This report summarizes Public Information Session #2 – Recommended Method for the South Landfill Phase 2 Environmental Assessment. The public information session was held in person on June 18, 2025 with a virtual component that was live during the period of June 18, 2025 through July 7, 2025.

Walker Environmental Group Inc. (Walker) is proposing to develop the next phase of its South Landfill to continue to provide waste disposal services at its Niagara Resource Management Campus in Niagara Falls, Ontario. To develop Phase 2 of the South Landfill, Walker has initiated an Environmental Assessment (EA) process under the *Environmental Assessment Act* to assess the potential effects of the proposed landfill continuance on the environment and surrounding community.

The EA process consists of two steps. Walker prepared a Terms of Reference (ToR) as part of the first step, which was approved on September 10, 2024. As part of the second step, Walker is preparing an Environmental Assessment (EA) which will be carried out as per the approved ToR. For the EA, Walker is carrying out several consultation activities with review agencies, Indigenous communities, and the public in accordance with the Approved ToR.

2 Objectives of Public Information Session #2

The purpose of the Public Information Session #2 – Recommended Method was to provide interest holders with a direct opportunity to learn about Walker, the project, current landfill operations, provide feedback, and ask questions. With this purpose in mind, the associated objectives were as follows:

- Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 EA
- Review the comparative evaluation process and confirm the recommended method
- Confirm the methodology for the upcoming detailed impact assessment of the recommended method
- Answer questions and address concerns

3 Logistics of Public Information Session #2

The Public Information Session #2 was held in-person as well as virtually to allow more opportunities for community members to review the information and provide feedback. The following sections describe the in-person and virtual sessions.

3.1 In-Person Public Information Session

The in-person Public Information Session #2 was held on June 18, 2025 from 5 pm – 8 pm at Club Italia (2525 Montrose Road, Niagara Falls). This location was selected due to its close proximity to Walker’s Niagara Resource Management Campus and the proposed South Landfill Phase 2 site, its accessibility and compliance under the *Accessibility for Ontarians with Disabilities Act* (AODA), and is the right size to accommodate the events purpose.

3.2 Virtual Public Information Session

In order to broaden Walker’s reach for gathering community input and accommodate individuals who were unable to attend the in-person, a virtual, self-guided information session was made available at www.southlandfillphase2.com from June 18, 2025 to July 7, 2025.

- The project website contained a banner at the top of the site with a Quick Link to the Virtual Information Session.
- The Virtual Information Session mimicked the in-person Public Information Session so that stakeholders who could not attend were able to view the same information as those who attended in-person.
- The Virtual Session was broken down into seventeen (17) stations, categorizing the information by topic allowing the user to view the information they were most interested in learning about. A sample of the virtual component is included in **Appendix A**.
- A fillable feedback form was included at the bottom of the page. A copy of the questions included in the fillable feedback form is included in **Appendix A**.

4 Notification

Notification of the Public Information Session #2 – Recommended Method was provided through a variety of means to increase the potential number of attendees. Specifically, notification of the in-person event and virtual component was provided as follows:

- **Newspaper advertisements** in the Niagara Falls Review (Niagara Falls), The Lake Report (Niagara-on-the-Lake), published on June 5, with a total reach of 20.5K
- **Direct Mailing and / or emailed** on June 5, 2025 to all identified agencies, Indigenous communities, and interest groups on the project-specific contact database (see **Appendix B**)

- **Canada Post mail-drop** to existing distribution list used by Walker bi-annually to communicate operational updates at the Campus, which includes approximately 560 addresses within an average 2.5-kilometer radius from the site on June 5, 2025
- **Courtesy calls** to community leaders
- **Project Website** was updated on June 5, 2025 to include detailed information about the public information session taking place both in-person and virtually.

Copies of these notices are found in **Appendix C**.

5 Project Team Members in Attendance

Walker’s Project Team was well represented at the in-Person Public Information Session #2 to ensure questions and inquiries from participants could be answered directly and by Project Team members with specialist knowledge of the subject matter. Key Project Team members in attendance from both Walker and GHD are listed in **Table 1**.

Table 1 Project Team Members in Attendance at Public Information Session #2

Walker	GHD
Darren Fry, Project Director	Blair Shoniker, Principal and Senior Planner
Leticia Koole, Project Support Specialist	Erika Brown, Waste and Environmental Planner, EA Lead
Kaitlynn Valeriano, Communications & Community Outreach Manager	Janet Oswald, Environmental Planner, EA Lead

In addition to the Project Team, seven (7) Walker Staff representing various Resource Management Campus operations were in attendance to answer questions about existing facilities.

6 Information Presented

The format of the in-person Public Information Session #2 – Recommended Method was an informal drop-in session where individuals could attend anytime during the event hours, view the provided information, and meet individually with Project Team members. Information presented was in the form of display boards and other visual aids, which were organized amongst ten (10) stations around the perimeter of the room. Information presented at each station is summarized in **Table 2**.

Table 2 Summary of Information Presented on Display Boards

Topic / Station	Display Board Title(s)	Description
Welcome	N/A	<ul style="list-style-type: none"> • Purpose of the event

Topic / Station	Display Board Title(s)	Description
		<ul style="list-style-type: none"> Layout of the venue Optional sign-in for individuals wanting to be notified of future project milestones
Overview of Walker	<i>About Walker</i>	<ul style="list-style-type: none"> Information about Walker Overview of the Niagara Resource Management Campus
What is Being Proposed?	<i>Niagara's Waste Disposal Solution Safe & Reliable Waste Management The Future Development of the South Landfill</i>	<ul style="list-style-type: none"> Information on the state of Ontario and Niagara Region's waste disposal capacity Proposed continuation of the South Landfill (i.e., Phase 2) Key facility information about Phase 2
EA Process	<i>An Environmental Planning Process</i>	<ul style="list-style-type: none"> Overview of the EA Process in Ontario Visual aid of key milestones and public consultation opportunities throughout this EA process
Technical Information	<i>Designed & Operated to the Highest Standard Landfill Liner Model</i>	<ul style="list-style-type: none"> 3D conceptual rendering of the landfill system currently in place at the South Landfill (Phase 1) 12' Landfill liner zoom on display (to scale) showing the different layers of the landfill liner currently used for South Landfill (Phase 1)
Alternative Methods	<i>Alternative Methods (Options) Landfill Site Configurations South Landfill Phase 2 Options Leachate Management South Landfill Phase 2 Options</i>	<ul style="list-style-type: none"> Introductory information about Alternative Methods (Options) Identification of two (2) Alternative Methods for consideration; Landfill Site Configurations, and Leachate Management Options Introductory information to landfill site configurations, an example of the current South Landfill Phase 1 configuration, and three proposed site configurations Background to leachate management and two options for Phase 2
Comparative Evaluation & Recommended Method	<i>Comparative Analysis Landfill Configuration Comparative Analysis Recommended Landfill Configuration Leachate Management Comparative Analysis Recommended Leachate Management Option</i>	<ul style="list-style-type: none"> Explanation of what a comparative analysis is with a few examples to show how it is used A summary of the comparative analysis by the Natural, Built, Social, Economic, and Cultural Environments for both Landfill Site Configuration and Leachate Management Identification of the Recommended Landfill Configuration and why it was recommended Identification of the Recommended Leachate Management Option and why it was recommended
Detailed Impact Assessment	<i>Next Steps & Detailed Impact Assessment Methodology</i>	<ul style="list-style-type: none"> Overview of what happens next; consultation on recommended method, develop a Facility Characteristics Report, and Commence the Detailed Impact Assessment Explanation of what a Detailed Impact Assessment is and why it is important
How to Get Involved	<i>We Want to Hear from You</i>	<ul style="list-style-type: none"> Project contact information Methods of engagement Table with fillable Event Feedback Forms for the Public Information session and information handouts (i.e., project booklet, Walker pamphlets, and contact cards)
Walker in the Community	<i>Supporting Niagara for over 136 years</i>	<ul style="list-style-type: none"> Walker's involvement in the Niagara community Community Benefits attributed to Walker's existing Resource Management Campus (i.e. jobs, municipal revenue, volunteer hours, donations)

The virtual open house included the same display boards presented at the in-person and allowed participants to provide written comments directly through the website via an online feedback form.

Copies of the display boards are included in **Appendix D**.

7 Attendance & Summary of Comments Received

A total of eight (8) individuals attended the in-person Public Information Session #2 – Recommended Method. Those in attendance included local residents and property owners, and local businesses. The website saw an increase in activity for the duration of the virtual information session with 72 page views on the project website homepage and a total of 29 page views on the virtual component of the public information session.

There were several verbal comments received through discussions during the in-person Public Information Session #2 – Recommended Method, which were documented by Project Team members, and via feedback forms provided both at the in-person event and on the virtual open house landing page. No (0) feedback forms were returned. A sample of the feedback form provided can be found in **Appendix E**.

A summary of comments (verbal and written) received have been summarized in **Table 3**. Overall, there were no comments or concerns raised through the public or virtual information sessions that were held regarding the recommended methods for the landfill and leachate options.

Table 3 Summary of Comments Received at Public Information Session #2

Discussion Topic	# of Times discussed	Description
<i>Tour of Niagara Campus</i>	1	<ul style="list-style-type: none"> Interest was expressed to come for a tour of Walker’s Niagara Resource Management Campus
<i>Recommended Leachate Management Option</i>	2	<ul style="list-style-type: none"> General agreement for the recommended Leachate Management Option of continued and expanded use of the Municipal Wastewater Treatment System
<i>Recommended Landfill Configuration Option</i>	1	<ul style="list-style-type: none"> General agreement for the recommended landfill configuration – Option A - Same height & slopes as current South Landfill Phase 1

Several attendees indicated that they would like to be contacted with South Landfill Phase 2 EA Project Updates and were added to the project-specific contact database for future notifications purposes. One (1) attendee indicated they would like a tour of the Resource Management Campus.

Appendix A

Virtual Component of Public Information Session

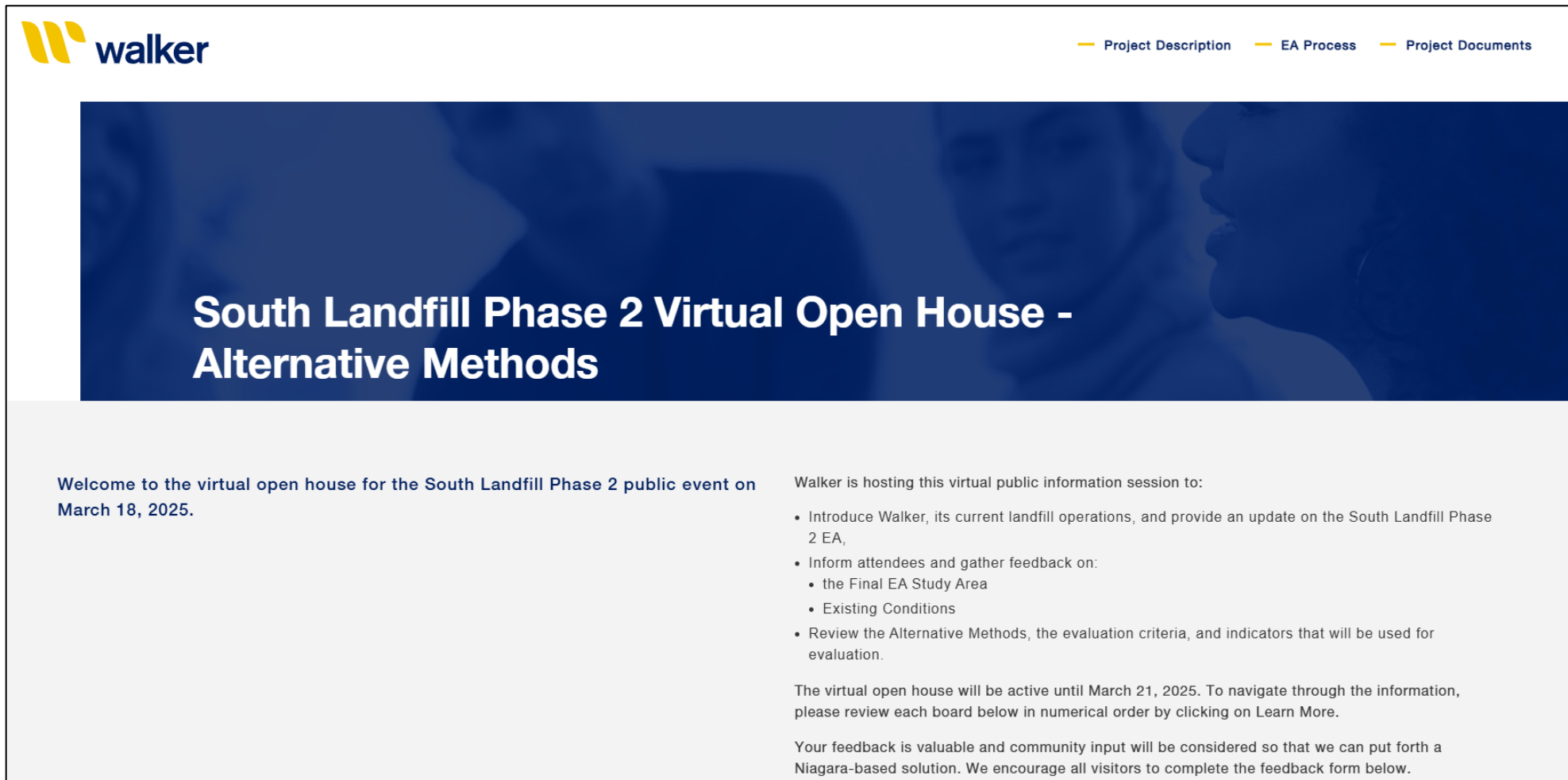
Appendix A

Public Information Session – Alternative Methods - Virtual Component

March 6, 2025 – March 23, 2025

The following images are included in this summary to help illustrate the virtual component of Public Information Session #1.

Figure 1: Screenshot of Virtual Open House Intro



walker

Project Description EA Process Project Documents

South Landfill Phase 2 Virtual Open House - Alternative Methods

Welcome to the virtual open house for the South Landfill Phase 2 public event on March 18, 2025.

Walker is hosting this virtual public information session to:

- Introduce Walker, its current landfill operations, and provide an update on the South Landfill Phase 2 EA,
- Inform attendees and gather feedback on:
 - the Final EA Study Area
 - Existing Conditions
- Review the Alternative Methods, the evaluation criteria, and indicators that will be used for evaluation.

The virtual open house will be active until March 21, 2025. To navigate through the information, please review each board below in numerical order by clicking on Learn More.

Your feedback is valuable and community input will be considered so that we can put forth a Niagara-based solution. We encourage all visitors to complete the feedback form below.

Information Boards

The images below illustrate how the Public Information Session #1 – Alternative Methods Information Boards were displayed on the website for the virtual component. Each image below portrays a section of the in-person Public Information Session. If the user was interested in a specific section they could click ‘Learn More’ to open the information boards.

Information Boards

About Walker

Part of the Community for 136+ Years

At Walker, we strive to build a sustainable future by working alongside the communities we operate in. With this core vision, Walker has successfully operated in Niagara for over 136 years. Walker is a fifth-generation, Niagara based family-owned company with over 1,200 employees across North America.



Our Innovative Campus

1. ABOUT WALKER

LEARN MORE →

Supporting Niagara for over 136 years

Walker has a long history of being an active community partner

Jobs & Employment

- Supporting approximately 500 jobs in Niagara through our current waste management & resource recovery operations



2. SUPPORTING NIAGARA FOR OVER 136 YEARS

LEARN MORE →

Niagara's Waste Disposal Solution

South Landfill Phase 2

Ontario is expected to run out of landfill capacity by 2035

- Existing landfills are quickly filling up
- Population & waste generation are increasing
- It takes up to 10 years to develop new landfill capacity



ONTARIO'S RECYCLING & DISPOSAL RATES

3. ADDITIONAL LANDFILL CAPACITY

LEARN MORE →

Safe & Reliable Waste Management

- The existing phase of Walker's South Landfill on Taylor Road in Niagara Falls is soon approaching capacity, with approximately 5 years remaining.
- As the Niagara region continues to grow, planning for long-term waste disposal capacity is increasingly important. Despite recycling and green bin composting efforts, Niagara requires landfill space to safely manage non-recyclable materials.
- Using existing waste management infrastructure, Walker is proposing to continue to operate the South Landfill by developing Phase 2 on the eastern portion of our Resource Management Campus, as shown below.

4. THE PROPOSAL

LEARN MORE →

The Future Development of the South Landfill

Walker is proposing the future development of its South Landfill, a state-of-the-art engineered landfill, designed with exceptional safety and environmental controls.

Key Facility Information

- 1.1 million tonnes of solid, non-hazardous waste per year
- 18 million m³ total capacity
- 20 years of safe disposal



5. SOUTH LANDFILL PHASE 2

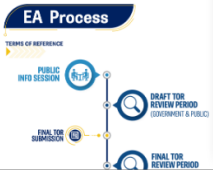
LEARN MORE →

An Environmental Planning Process

The South Landfill Phase 2 project must undergo a rigorous planning and decision making process called an Environmental Assessment (EA).

This process is regulated by the Ontario Ministry of the Environment, Conservation and Parks (MECP) through the Environmental Assessment Act (which is deemed to exist).

EA Process



6. THE PLANNING PROCESS

LEARN MORE →

Designed & Operated to the highest standard

Key Features

- State-of-the-art engineered landfill
- Advanced liner system
- Leachate collection and treatment
- Gas collection and flaring
- 24-hour monitoring
- Highly visible and secure perimeter
- Highly visible and secure perimeter




7. CURRENT SOUTH LANDFILL PHASE 1

This 3D model illustrates how Walker's current South Landfill Phase 1 is designed and engineered to protect the environment.

LEARN MORE →

Existing Conditions

To ensure South Landfill Phase 2 can be developed safely, existing environmental conditions are being studied to understand what changes could be expected.




8. EXISTING CONDITIONS

Creating a baseline of the existing environmental conditions at the project site help determine what could change. Click Learn More to view the Existing Conditions Reports.

LEARN MORE →

Study Area



9. STUDY AREA

This map illustrates the general study area around the project site. Please see the Existing Conditions Reports (Board #8) for the study areas for each study.

LEARN MORE →

Evaluation Criteria & Indicators

The Evaluation Criteria & Indicators are used by technical experts and scientists to identify potential effects on the environment. They help evaluate how existing conditions may or may not change.

What are Criteria and Indicators?



Criteria
Identifies areas of interest that will be evaluated.



Indicators
Identifies what will be studied.

10. EVALUATION CRITERIA & INDICATORS

Criteria and indicators are used by experts to identify how conditions may or may not change. Click Learn More to view the full list of Criteria and Indicators.

[LEARN MORE](#)

Alternative Methods (Options)

Alternative Methods (Options) are different ways the project can be built.



The Approved Terms of Reference identifies Alternative Methods (Options) that will be evaluated during the Environmental Assessment.

It also identifies the options that were evaluated and determined not viable. Options no longer being considered include:

- ▶ Landfill Location
- ▶ Site Entrance
- ▶ Incineration
- ▶ Haul Route
- ▶ Export to the USA

11. ALTERNATIVE METHODS

Alternative Methods, or Options, are different ways the project can be built. The options being evaluated are presented on the attached boards.

[LEARN MORE](#)

Site Configurations - Reference

Site Configurations are different concepts of the design for the landfill. The configurations being explored include elements such as height, slope and capacity.

Site Configuration Considerations



Maximum Height
The maximum height identifies the highest point of the landfill.

max = meters above sea level



Slope Steepness
The slope identifies how steep or flat the sides & top of the landfill will be.

← slope steepness



Landfill Capacity
The landfill capacity is the total amount of waste the landfill can accept before it is closed.

12. SITE CONFIGURATIONS

The first board includes important information to assist in your review of the landfill site configuration options being presented and provides an example of the current operating South Landfill Phase 1. Three (3) landfill site configuration options for Phase 2 are presented on the second board. The options provide a range of height, slopes/contours, capacity and area available for agricultural end use for consideration.

[LEARN MORE](#)

Leachate Management - Reference

There are two leachate treatment options being explored.



Leachate is water (typically precipitation) that comes into contact with waste. The water is contained within the landfill liner and pumped out of the landfill for treatment.

Things to consider when evaluating Leachate Treatment Options

13. LEACHATE MANAGEMENT

The first board presents important information to assist in your review of the leachate management options being presented. Two (2) leachate management options are presented on the second board.

[LEARN MORE](#)

We Want to Hear from You



Your feedback is valuable and community input will be considered so that

14. STAY ENGAGED

[LEARN MORE](#)

Feedback Form

Share your feedback!

Your feedback is very important to us, and we appreciate you taking the time to provide us with your comments.

QUESTION 1

Was the Open House helpful in describing the South Landfill Phase 2 project, the Environmental Assessment process and the Alternative Methods (Options) being considered? *(Please select one option)*

- Yes
- Somewhat
- No

Please tell us why:

Answer here...

QUESTION 2

Was the information presented easy to understand and the appropriate level of detail provided? *(Please select one option)*

- Yes
- Somewhat
- No

Please tell us why:

Answer here...

QUESTION 3

Which Landfill Site Configurations option do you prefer and why? *(Please select one option)*

- Option A – Same Height & Slopes As Current South Landfill Phase 1
- Option B – Maximized Agricultural End Use Option
- Option C – Average Agricultural End Use Option

Please tell us why:

Answer here...

QUESTION 4

Which Leachate Management option do you prefer and why? *(Please select one option)*

- Option A – Continued & Expanded Use of the Municipal Wastewater Treatment System
- Option B – Development of an On-Site Wastewater Treatment Plant

Please tell us why:

Answer here...

QUESTION 5

Do you have any information, input, or questions about the project you would like to share with us?

Answer here...

QUESTION 6

Would you like to be contacted with responses to your questions? If yes, please provide an email address or phone number.


- Yes
- No

QUESTION 7

Would you like to be contacted for future project updates?

- Yes
- No

CAPTCHA

I'm not a robot  reCAPTCHA
Privacy Terms

SUBMIT