

EA Advisory Committee

South Landfill Phase 2 EA

Agenda – Meeting #3

Date: June 9, 2025

Time: 4:00 pm – 8:00 pm (Dinner at 5:00 pm)

Location: Club Italia (Marconi Room), Niagara Falls, ON

	Agenda Item	Duration
1	Tour of South Landfill Phase 2 Site & Surrounding Area	60 min
2	Dinner	30 min
3	Welcome & Agenda Review	10 min
4	Meeting #2 Summary & Action Item Review	15 min
5	Presentation & Discussion – Comparative Analysis & Recommended Method Including a review of: <ul style="list-style-type: none">• Review of the Comparative Analysis• Preferred Landfill Configuration• Preferred Leachate Management Option	45 min
6	Next Steps / Detailed Impact Assessment	15 min
7	Upcoming Public Event – June 18, 2025	15 min
8	Next Meeting	5 min
9	Other Business & Q&A	10 min

Walker South Landfill Phase 2 EA Advisory Committee

Meeting Summary No. 3

Date: June 9, 2025
Time: 6:00 pm – 8:00 pm
Location: Club Italia, Niagara Falls

Materials

- Agenda
- Presentation – Recommended Method

Meeting Objective

The purpose of this meeting was to tour Walker's Niagara Campus, discuss and gather feedback on the Comparative Analysis of Alternative Methods, the Recommended Method, discuss the upcoming public event, and review the next steps in the EA process.

Niagara Campus Tour

The Committee toured Walker's Niagara Resource Management Campus which included the quarry, Niagara Biosolids facility, Residential Waste & Recycling Drop-off, Resource Recovery Area, South Landfill, Landfill Gas Utilization facility, the Proposed South Landfill Phase 2 location and leachate lagoons.

- It was noted that the deodorizer from the compost facility can occasionally be noticed in the NOTG neighbourhood.
Action: Walker to relay that the compost deodorizer can be detected in the NOTG neighbourhood to operations so that adjustments can be made.
- Discussion took place around bank swallows in the quarry/stockpiles and how Walker identifies and protects any nests during breeding season.
- Inquiries were made about companies keeping waste materials clean. It was noted that Walker provides outreach and raises awareness with the public and businesses about keeping recyclables clean.
- Nuisance controls, such as falconry, dust, odour were discussed.
- Walker explained that a drill rig is drilling new landfill gas extraction wells – these wells help control odours and reduce GHG emissions by collecting landfill gas which is then used to make renewable energy.
- It was noted that video footage of the different stages of the landfill liner constructions would be of interest.
Action: Walker to consider a time-lapse of cell 15 construction.
- Discussion took place around Renewable Natural Gas (RNG) produced by the landfill and how power is added back to the grid.
- The current operating quarry has 5-7 years remaining based on current projections.
- The South Landfill (Phase 1) has approximately 5 years of capacity remaining.

- South Landfill Phase 2 would not increase traffic on local roads – its a continuation of existing operations (i.e. Phase 2 will not receive more waste on a daily or annual basis than what is currently received. Once the quarry is depleted, traffic related to quarry operations will decrease.)
- The height of the current South Landfill Phase 1 is the same as the proposed South Landfill Phase 2.
- Leachate is treated on-site in 2 lagoons and sent to the municipal sewer system for final treatment at the Port Weller Wastewater Treatment Plant.

EA Advisory Committee Meeting - Discussion Topics

1. Meeting #2 Summary and Action Item Review

- Action items from Meeting #2 were reviewed and completed. There were no comments or edits on the draft Meeting #2 Summary, it will be finalized.

2. Presentation: Comparative Analysis & Recommended Method

Walker presented key information (see attached presentation) that will be provided at Public Information Session on June 18 and virtual session from June 18 – July 7. The presentation covered the Comparative Analysis of the Alternative Methods, the Recommended Method, and next steps in the EA.

The following discussion points occurred:

- As a refresher, Walker reviewed the Alternative Methods that were assessed in the Comparative Analysis (presented at the April 18th Public Information Session) and key aspects of the options.
 - A comment was made that Walker should make it clear that the fertility of native soils has been enhanced due to the addition of compost as it considered the agricultural area from the different options. **Action: Take into consideration that Walker can improve 'native' soils via compost and fertilizers (N-Rich) from the Campus during the development of the Phase 2 end use options.**
- Walker reviewed the feedback it received from community consultation on the different options being considered (Alternative Methods)
- A comparative analysis is a rigorous process that weighs the advantages/disadvantages of each of options against each other to identify which option is most preferred. This process is required by the Terms of Reference.

Landfill Configuration – Recommended Method

- Option A – Same height & slope as South Landfill Phase 1 was selected as the recommended method.
- Walker noted that while Option A & B were tied in terms of their rankings, the 1 m difference in height and minor agricultural area difference could be minimized through further design and mitigation work.

Leachate Management – Recommended Method

- Option A – Continued & Expanded Use of the Municipal Sewer System was selected as the recommended method.

- A discussion took place around the capacity of the Port Weller Wastewater Treatment Plant and comparing how much capacity is available, is currently being used, and how much Walker anticipates requiring. The discussion was based on ensuring that capacity exists to support future community growth in the area.

Action: Walker to illustrate the available WWTP capacity, and percentage of capacity required from Walker on a board at the upcoming public information session.

3. Next Steps / Detailed Impact Assessment

- **Consultation on the Recommended Method** will continue over the next several weeks via a Public Information Session being held on June 18, 2025, with the virtual component from June 18, 2025 – July 7, 2025. Consultation activities with government agencies, Indigenous communities and interested members of the public will continue.
- Development of the **Facility Characteristics Report**; this report will provide additional detail on the design of the project so that the technical experts so they can complete their detailed impact assessment
- **Detailed Impact Assessment** – this study will assess potential impacts from the projects, mitigation opportunities and will incorporate climate change and cumulative effects. This is the key step in the Environmental Assessment.

4. Upcoming Public Information Session – June 18, 2025

- A Public information session is being held on June 18, 2025, at Club Italia from 5 pm – 8 pm. Information presented to the committee is reflected at the public information session.
- The invitation is open to the EA Advisory Committee to attend anonymously or as a member of the committee (unique name tags will be provided).
- Virtual component of the Public Information Session will be available from June 18, 2025 – July 7, 2025.

Committee Discussion, Feedback & Action Items

- The Committee was in general agreement with the Recommended Methods that have been selected and agreed that the conclusions of the analyses were reasonable.
- The group expressed interest in meeting in the Fall to receive an update on the EA, learn more about the additional detailed developed in the Facility Characteristics Report and hear from select technical experts on any preliminary findings on the Impact Assessment. The committee would like to hear from the following disciplines – Social, Visual, Ecology and from the EA Technical Experts.

Action: Walker to arrange a meeting with the EA Advisory Committee meeting in the Fall.

- The EA Advisory committee would like timelines for field studies remaining. It was expressed that advanced notice is important from a safety perspective.

Action: Walker to share approximate timelines for upcoming field studies, specifically Social.

Closing Remarks

There were no further comments on the tour or materials presented on the Comparative Analysis or Recommended Method. It was noted that Walker will look to schedule a follow-up meeting in the Fall to further elaborate on the comparative analysis and hear from technical experts.

Summary of Action Items from EAAC Meeting #2

TASK	LEAD	STATUS
1 Update EA Advisory Committee Contact List.	AG	Complete
2 Walker to add an agenda item to next meeting - Summary of feedback from Public Information Session #1.	DF	Complete
3 Provide the EA Advisory Committee links to the studies	AG	Complete
4 Walker to make available a map of walker owned properties.	DF	Complete
5 Walker to adjust the Public Information Session boards to incorporate feedback from the committee: <ul style="list-style-type: none"> Alternative locations Add 'masl' to the Landfill Site Configurations Use both m³ and acres or hectares 	DF	Complete
6 Add South Landfill Configuration information to the Landfill Configuration Summary slide	DF	Complete
7 Send out a Meeting Poll for Campus Tour Date/Time.	AG	Complete

Summary of Action Items from EAAC Meeting #3

TASK	LEAD	STATUS
1 Walker to relay that the deodorizer can be detected in the NOTG neighbourhood to operations so that adjustments can be made.	DF	New
2 Walker to consider time-lapse of cell 15 construction.	DF	New
3 Take into consideration that Walker can improve 'native' soils via compost and fertilizers (N-Rich) from the Campus during the development of the Phase 2 end use options.	DF	New
4 Walker to demonstrate the available WWTP capacity, and percentage of capacity required from Walker on a board at the upcoming public information session.	DF	New
5 Walker to arrange a meeting with the EA Advisory Committee meeting in the Fall.	DF	New
6 Walker to share approximate timelines for field studies specifically Social.	DF	New