

**Haudenosaunee
Development Institute
Correspondence**

Wednesday, February 14, 2024 at 13:15:28 Eastern Standard Time

Subject: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Thursday, November 30, 2023 at 12:19:47 PM Eastern Standard Time
From: Elizabeth Duguay
To: 'info@hdi.land'
Attachments: South Landfill Phase 2 - Notice of Commencement Nov 30 2023.pdf

Good afternoon,

This email is to notify you that Walker Environmental Group (Waker) is initiating an Environmental Assessment under the Environmental Assessment Act to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario.

Attached is a letter providing further information, including the Notice of Commencement of a Terms of Reference and Open House #1 Notice.

Sincerely,
Elizabeth Duguay (on behalf of Darren Fry, Project Director)



November 30, 2023

Todd Williams

Haudenosaunee Development Institute (HDI)
16 Sunrise Court, Suite 402B, P.O. Box 714
Ohsweken, ON NOA 1M0
info@hdi.land

Dear Todd Williams,

**Subject: Notice of Commencement of Terms of Reference and Open House #1
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), I would like to inform you that we are initiating an Environmental Assessment (EA) in accordance with the *Environmental Assessment Act* (EAA) to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario. The current phase of the landfill is approaching its licensed capacity, and the development of Phase 2 will continue to provide the Niagara Region and surrounding communities with safe and reliable solid waste disposal services for an additional 20-year period.

The South Landfill is an integral component of Walker's Niagara Resource Management Campus, a dynamic operation that recovers resources sustainably and manages waste efficiently. Phase 2 of the landfill would be developed at Walker's Campus, directly east of current landfilling operations. This location, as shown in the accompanying Notice, would continue to use existing infrastructure, such as the landfill entrance, and allow daily operations to seamlessly transition into a new adjacent fill area.

The attached Notice of Commencement signals the start of the EA, a process that will carefully consider all potential impacts of the proposal, both negative and positive, on the natural and human environment, which includes social, economic, and cultural factors.

Walker is a fifth generation, family-owned and Niagara based company. With a commitment to the environment, community, and future generations, we will consider a wide range of input as we undertake the planning process. Walker also acknowledges the unique and inherent rights, treaty rights, and perspectives of Indigenous peoples. We will be contacting you shortly to schedule a meeting to provide an overview of the project and discuss the development of an engagement and consultation program for the project.

If you have any questions, comments, or concerns, please contact the undersigned directly or visit our project website southlandfillphase2.com to learn more.

Sincerely,

A handwritten signature in black ink, appearing to read 'Darren Fry', written over a white background.

Darren Fry, Project Director



Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Attachment: Notice of Commencement of Terms of Reference & Open House #1 – South Landfill Phase 2
Environmental Assessment Walker Environmental Group Inc.

Notice of Commencement of Terms of Reference & Open House #1 South Landfill Phase 2 Environmental Assessment Walker Environmental Group Inc.

Walker is proposing to develop the next phase of its South Landfill to continue to provide essential waste disposal services to meet the needs of Niagara and surrounding communities. Similar to current operations, South Landfill Phase 2 will include an annual fill rate of 1.1 million tonnes per year and a total capacity of approximately 18 million tonnes over the next 20 years.

To develop Phase 2 of the South Landfill, Walker has initiated an Environmental Assessment, a Provincial planning process under the Environmental Assessment Act, to assess the potential effects of the proposed landfill continuation on the environment and surrounding community.

The Process

This study will be carried out in accordance with the requirements of Ontario Regulation 101/07 which includes the requirement to conduct an individual Environmental Assessment per the Environmental Assessment Act.

The first step of the process is the preparation of a Terms of Reference. The Terms of Reference will set out the proponent's framework and work plan for addressing the Environmental Assessment Act requirements when preparing the Environmental Assessment, including such things as the alternatives that

will be considered and the public consultation activities that will be carried out. If approved by the Minister, the Terms of Reference will provide the framework and requirements for the preparation of the Environmental Assessment.

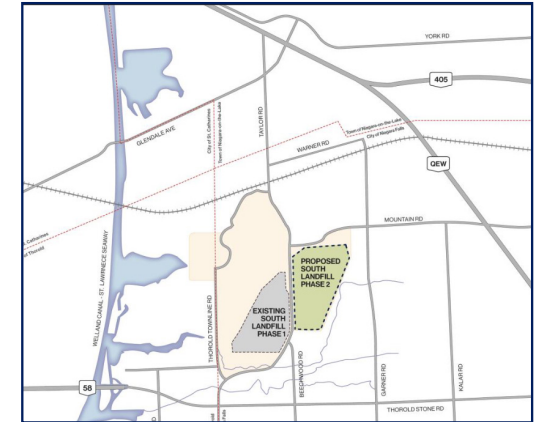
Invitation

Walker invites you to attend an initial public Open House to introduce the project, review and discuss the Environmental Assessment process, and gather feedback:

Open House #1
Thursday, December 14th, 2023
from 4:00 pm – 8:00 pm
Club Italia, Grande Ballroom B, 2525
Montrose Rd, Niagara Falls

Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers, on the project website www.southlandfillphase2.com, by direct mail and/or electronic mail (email).



Shown: South Landfill

A virtual, self-guided open house will also be available at www.southlandfillphase2.com from December 15th until January 15th. Your input is valuable, and you are encouraged to submit your comments by mail, email, or phone to the project contact listed, or through the project website.

Darren Fry Project Director

Walker Environmental Group Inc.
2800 Thorold Townline Rd,
ON L2E 6S4
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com

To be added to the project mailing list, please sign-up at www.southlandfillphase2.com

Tuesday, February 13, 2024 at 13:17:15 Eastern Standard Time

Subject: Walker South Landfill Phase 2 EA, Meeting Request
Date: Thursday, January 18, 2024 at 4:49:55 PM Eastern Standard Time
From: Darren Fry
To: 'info@hdi.land'
CC: Elizabeth Duguay
Attachments: South Landfill Phase 2 - Notice of Commencement Nov 30 2023.pdf

She:kon,

My name is Darren Fry and I am the Project Manager for Walker's Environmental Assessment for the continuation (Phase 2) of its existing landfill in Niagara Falls. On Nov. 30th we provided a Notice of Commencement for the EA with a commitment to follow up and request a meeting to introduce the project and discuss engagement and consultation with HDI.

If you can kindly provide a few dates for an introductory meeting, we will happily coordinate on our end.

I've provided a copy of the Notice for your reference which includes a link to the project website for more details.

If you have any additional questions, please feel free to contact me anytime.

Warm regards,
Darren



November 30, 2023

Todd Williams

Haudenosaunee Development Institute (HDI)
16 Sunrise Court, Suite 402B, P.O. Box 714
Ohsweken, ON NOA 1M0
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Darren Fry, Project Director



Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Attachment: Notice of Commencement of Terms of Reference & Open House #1 – South Landfill Phase 2
Environmental Assessment Walker Environmental Group Inc.

Notice of Commencement of Terms of Reference & Open House #1 South Landfill Phase 2 Environmental Assessment Walker Environmental Group Inc.

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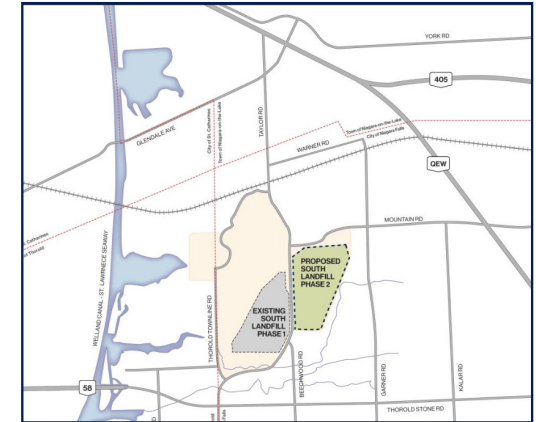
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Shown: South Landfill

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Darren Fry Project Director

Walker Environmental Group Inc.
2800 Thorold Townline Rd,
ON L2E 6S4
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com

**To be added to the project
mailing list, please sign-up at
www.southlandfillphase2.com**

Subject: RE: Walker South Landfill Phase 2 EA, Meeting Request
Date: Wednesday, February 28, 2024 at 4:45:52 PM Eastern Standard Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'info@hdi.land' <info@hdi.land>
CC: South Landfill Phase 2 <info@southlandfillphase2.com>

Good afternoon,

I am reaching out to follow-up on the below regarding Walker's South Landfill Phase 2 project and to inform you that we are soon approaching the next milestone for this project – the release of a draft Terms of Reference (ToR) for public review and comment, scheduled for March 7th.

An email will be sent next week with a link to access this document. The comment period for the ToR is set to close on April 22nd, 2024. We value your feedback and encourage your participation in this process to ensure your input is incorporated into the final ToR.

Please let us know who at your organization should be included on the distribution list for this document, and whether you would like a mailed hardcopy.

Should you have any questions, please do not hesitate to contact me directly at 289-257-1680.

Kindest regards,
Elizabeth

From: Darren Fry <DFry@walkerind.com>
Sent: Thursday, January 18, 2024 4:50 PM
To: 'info@hdi.land' <info@hdi.land>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: Walker South Landfill Phase 2 EA, Meeting Request

She:kon,

My name is Darren Fry and I am the Project Manager for Walker's Environmental Assessment for the continuation (Phase 2) of its existing landfill in Niagara Falls. On Nov. 30th we provided a Notice of Commencement for the EA with a commitment to follow up and request a meeting to introduce the project and discuss engagement and consultation with HDI.

If you can kindly provide a few dates for an introductory meeting, we will happily coordinate on our end.

I've provided a copy of the Notice for your reference which includes a link to the project website for more details.

If you have any additional questions, please feel free to contact me anytime.

Warm regards,
Darren

Subject: Walker South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference
Date: Thursday, March 7, 2024 at 3:34:56 PM Eastern Standard Time
From: South Landfill Phase 2 <info@southlandfillphase2.com>
To: 'info@hdi.land' <info@hdi.land>
CC: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference - Letter (HDI).pdf

Hello,

This email is to notify you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment (EA) is now available for review and comment from Government Review Agencies, Indigenous communities and agencies, the public, and other interested persons. The attached includes a cover letter with additional details.

The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking this [LINK](#). The documentation includes three (3) files as described below:

- Draft Terms of Reference – 2024.03.07;
- Draft Terms of Reference – Supporting Document – 2024.03.07; and
- Draft Terms of Reference – Record of Consultation – 2024.03.07

**** Note: The link will be active for 12 days from the date of this email. ****

We ask that comments on the draft ToR be submitted directly to info@southlandfillphase2.com by April 22, 2024.

Should you have any questions, please do not hesitate to reach out to our team.

Sincerely,

South Landfill Phase 2 EA Project Team
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com
Website: southlandfillphase2.com

March 7, 2024

Todd Williams
Haudenosaunee Development Institute
16 Sunrise Court, Suite 402B, P.O. Box 714
Ohsweken, ON N0A 1M0
info@hdi.land

Dear Todd Williams,

**Subject: Draft Terms of Reference Available for Review
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), we are pleased to inform you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment is now available for review and comment, and we are seeking your input.

On November 30, 2023, Walker initiated an Environmental Assessment (EA) under the *Environmental Assessment Act* to develop the next phase (Phase 2) of the South Landfill at our Niagara Resource Management Campus. Phase 2 will allow Walker to continue to provide the Niagara region and surrounding communities with safe, responsible, and reliable waste management services for the next 20 years.

The ToR is the first step in the EA process. It serves as the roadmap for what will be studied during the subsequent EA phase and outlines the consultation activities that will take place. Since the announcement of the EA, Walker has engaged and consulted with local residents, government agencies, Indigenous communities, and interested parties to gather initial feedback on the proposal. This input has been carefully considered and incorporated into a draft version of the ToR.

We invite you to review the draft ToR and ask that any comments be submitted directly to info@southlandfillphase2.com by April 22, 2024. The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking the following [LINK](#).

All comments received will be reviewed and considered in the preparation of the final ToR, to be submitted for approval by the Minister of the Environment, Conservation and Parks.

We value your input and look forward to receiving your feedback on the draft ToR for the South Landfill Phase 2 EA. If you have any questions, comments, concerns, or would like to schedule a meeting please contact the undersigned directly or visit our project website at southlandfillphase2.com to learn more.

Sincerely,



Darren Fry, Project Director

Phone: 1-866-699-9425 | Email: info@southlandfillphase2.com | Website: southlandfillphase2.com

**Mississaugas of the
Credit First Nation
Correspondence**

Tuesday, February 13, 2024 at 14:42:57 Eastern Standard Time

Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2
Date: Wednesday, December 20, 2023 at 12:01:39 PM Eastern Standard Time
From: Darren Fry
To: 'Councillor, Fawn Sault'
CC: Elizabeth Duguay
Attachments: image001.jpg

Aaniin Fawn,

First - congratulations on your reappointment as Councillor!! You're a real leader in your community!

We sent the Notice of Commencement letter to DOCA (Mark) as well as Major Project (Casey) and Chief. We haven't heard back but no worries, we know the community has been busy – we can follow up in January.

Thanks for the Holiday wishes! We wish the same to you and your family!

Speak soon, miigwech.
Darren

From: Councillor, Fawn Sault <FawnS@mncfn.ca>
Sent: Wednesday, December 20, 2023 10:36 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

CAUTION: External email. Only open links/attachments from known senders

Aaniin Darren,

I can chat with you about the EA but I want to make sure that DOCA is informed first. I wanted to wish you and Elizabeth Happy Holidays and look forward to continue working with you as a Councillor for the next two years.

Miigwech,

Fawn

From: Darren Fry <DFry@walkerind.com>
Sent: Wednesday, November 15, 2023 12:50 PM
To: Councillor, Fawn Sault <FawnS@mncfn.ca>

Cc: Elizabeth Duguay <EDuguay@walkerind.com>

Subject: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Aaniin Fawn,

I'm reaching to let you know that we'll be commencing an Environmental Assessment for the continuation/next phase of our landfill in Niagara Falls. We'll be publicly announcing the project on Nov. 30th but I wanted to reach out in advance to confirm the names of the offices/people that we should reach out to. I believe it was Casey whom I met a few times (Historical Gathering & meeting with Chief). As you know, an EA is a multi-year process and our approach with Indigenous communities is to engage early, often and in accordance with any community specific protocols.

Can you confirm – I would like to schedule a discussion to provide an overview of the project and begin the first steps of Walker & MCFN's engagement and consultation process on this project.

Thanks,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



The information contained in this electronic mail transmission may be privileged and confidential, and therefore, protected from disclosure. If you have received this communication in error, please notify us immediately by replying to this message and deleting it from your computer without copying or disclosing.

Tuesday, February 13, 2024 at 13:19:15 Eastern Standard Time

Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2
Date: Thursday, January 18, 2024 at 3:07:34 PM Eastern Standard Time
From: Darren Fry
To: 'Councillor, Fawn Sault'
CC: Elizabeth Duguay
Attachments: image001.jpg

Aaniin Fawn,

Happy 2024! Just a quick follow up to see if we can set up a meeting with DOCA or Major Projects in the near future to introduce the project, discuss consultation expectations and answer any questions.

Speak soon,
Darren

From: Councillor, Fawn Sault <FawnS@mncfn.ca>
Sent: Wednesday, December 20, 2023 10:36 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

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Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: Walker Niagara - Environmental Assessment, South Landfill Phase 2

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Thanks,
Darren

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Project Director
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November 30, 2023

Chief R. Stacey LaForme

Mississaugas of the Credit First Nation
2789 Mississauga Road R.R. #6
Hagersville, ON NOA 1H0

Dear Chief R. Stacey LaForme,

**Subject: Notice of Commencement of Terms of Reference and Open House #1
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), I would like to inform you that we are initiating an Environmental Assessment (EA) in accordance with the *Environmental Assessment Act* (EAA) to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario. The current phase of the landfill is approaching its licensed capacity, and the development of Phase 2 will continue to provide the Niagara Region and surrounding communities with safe and reliable solid waste disposal services for an additional 20-year period.

The South Landfill is an integral component of Walker's Niagara Resource Management Campus, a dynamic operation that recovers resources sustainably and manages waste efficiently. Phase 2 of the landfill would be developed at Walker's Campus, directly east of current landfilling operations. This location, as shown in the accompanying Notice, would continue to use existing infrastructure, such as the landfill entrance, and allow daily operations to seamlessly transition into a new adjacent fill area.

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We will be contacting you and the Department of Consultation and Accommodation (DOCA) shortly to schedule a meeting to provide an overview of the project and discuss the development of an engagement and consultation program that works for the Mississaugas of the Credit First Nation.

Your input is very important, and we value your participation in this process. We will keep you informed and engaged at each step of the EA. If you have any questions, comments, or concerns, please contact the undersigned directly or visit our project website southlandfillphase2.com to learn more.



Sincerely,

A handwritten signature in black ink, appearing to read 'Darren Fry', written over a horizontal line.

Darren Fry, Project Director

Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Attachment: Notice of Commencement of Terms of Reference & Open House #1 – South Landfill Phase 2
Environmental Assessment Walker Environmental Group Inc.

cc: Mark LaForme, Director, DOCA
Casey Jonathan, Major Projects Manager
Councillor Fawn Sault

Notice of Commencement of Terms of Reference & Open House #1 South Landfill Phase 2 Environmental Assessment Walker Environmental Group Inc.

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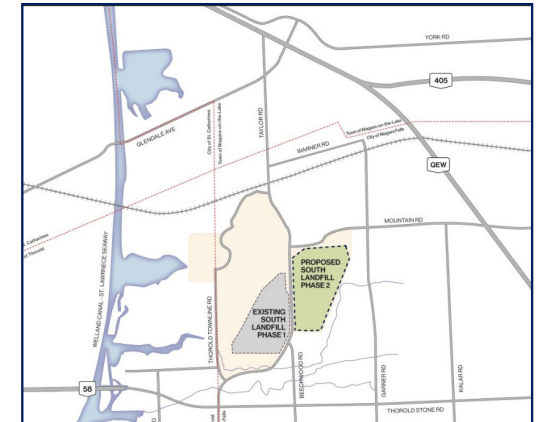
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Darren Fry Project Director

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ON L2E 6S4
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com

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Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Tuesday, February 27, 2024 at 4:22:39 PM Eastern Standard Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'Abby LaForme' <Abby.LaForme@mncfn.ca>
CC: 'Mark LaForme' <Mark.LaForme@mncfn.ca>, Darren Fry <DFry@walkerind.com>, Blair Shoniker <Blair.Shoniker@ghd.com>
Attachments: image001.jpg, image002.jpg

Hi Abby,

Following-up on the below to confirm your team's availability for a meeting next week.

Thank you,
Elizabeth

From: Elizabeth Duguay
Sent: Thursday, February 22, 2024 8:36 AM
To: 'Abby LaForme' <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>; Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Abby,

Thanks for the introduction.

We are available to meet any time on Monday, March 4th. Please let me know which time slot works best for your team and I can send along a meeting invitation.

Looking forward to meeting with you.

Kindest regards,
Elizaeth

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, February 20, 2024 11:29 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

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Good Morning Elizabeth,

My name is Abby Lee and I am the Consultation Officer for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA).

MCFN DOCA is interested in a virtual meeting with you and your team to discuss the Walker South Landfill Phase 2.

MCFN DOCA has available times on the following dates:

March 4, 5, 8, 18, 20, 22- 9am – 12pm & 1pm- 4pm

Please indicate if any of the above times are suitable for you and your team.

Thank you

Abby (LaForme) Lee
Consultation Officer



Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

Please Note- If a digital copy of your notification has been sent, please be environmentally conscious and do not send a physical, copy. Thank you!

From: Elizabeth Duguay <EDuguay@walkerind.com>

Sent: Tuesday, February 13, 2024 10:56 AM

To: Mark LaForme <Mark.LaForme@mncfn.ca>

Cc: Darren Fry <DFry@walkerind.com>

Subject: FW: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Mark,

I trust this email finds you well.

Further to our Notice of Commencement of the Environmental Assessment for Phase 2 of our South Landfill (attached), our team is hoping to meet with DOCA to provide an introduction and overview of

the Phase 2 project, the EA process, anticipated milestones and of course, answer any questions your team may have.

Please let me know if there is a day/time that works best for you, or if you'd like me to propose a few dates.

Kindest regards,
Elizabeth

Elizabeth Duguay
Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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From: Elizabeth Duguay
Sent: Thursday, November 30, 2023 11:52 AM
To: 'Stacey.LaForme@mncfn.ca' <Stacey.LaForme@mncfn.ca>
Cc: 'Mark.Laforme@mncfn.ca' <Mark.Laforme@mncfn.ca>; 'Casey.Jonathan@mncfn.ca' <Casey.Jonathan@mncfn.ca>; 'Councillor, Fawn Sault' <FawnS@mncfn.ca>
Subject: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Chief R. Stacey LaForme,

This email is to notify you that Walker Environmental Group (Waker) is initiating an Environmental Assessment under the Environmental Assessment Act to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario.

Attached is a letter providing further information, including the Notice of Commencement of a Terms of Reference and Open House #1 Notice.

Sincerely,
Elizabeth Duguay (on behalf of Darren Fry, Project Director)

Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2
Date: Tuesday, March 5, 2024 at 4:21:58 PM Eastern Standard Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'Councillor, Fawn Sault' <FawnS@mncfn.ca>, Darren Fry <DFry@walkerind.com>
CC: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg

Wonderful – I will send along a meeting invitation for 11:30am – 12:30pm. Will 1 hour be sufficient?

Best,
Elizabeth

From: Councillor, Fawn Sault <FawnS@mncfn.ca>
Sent: Tuesday, March 5, 2024 1:39 PM
To: Elizabeth Duguay <EDuguay@walkerind.com>; Darren Fry <DFry@walkerind.com>
Cc: South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Miigwech for the invite Elizabeth. I am available from 1130 -1 or after 3pm. Let me know if you want to chat then. I trust Abby to handle the Landfill project and if she needs me she will reach out so we can just focus on my pillar activities and powwow.

From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Tuesday, March 5, 2024 12:35 PM
To: Councillor, Fawn Sault <FawnS@mncfn.ca>; Darren Fry <DFry@walkerind.com>
Cc: South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Aaniin Fawn,

All is well here and I hope the same for you!

I recently connected with Abby Lee from DOCA and we've scheduled a meeting for Monday, March 18th (10:00 – 11:00 AM) to discuss our South Landfill Phase 2 project. If you are available on this date, we can extend this meeting to chat about compost, trees, and bushes for spring, and the Powwow. Alternatively, we would be happy to meet with you on another date/time.

A quick update on our South Landfill Phase 2 project – we will be releasing a draft Terms of Reference (ToR) for the Environmental Assessment (EA) this Thursday, March 7th. The ToR is the initial step in the EA process and serves as the roadmap for what will be studied in the EA and outlines the consultation activities that will take place. This document will be available for review and comment until April, 22nd, 2024.

I will include you on the correspondence to DOCA planned for this Thursday, which will include a link to the documentation.

Kindest regards,
Elizabeth

Elizabeth Duguay

Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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From: Councillor, Fawn Sault <FawnS@mncfn.ca>
Sent: Tuesday, March 5, 2024 12:17 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Aaniin Darren and Elizabeth,

I hope you all are doing well. Have you met with DOCA regarding this file? If not, we can set a meeting. I also need to chat with you regarding the compost, trees, and bushes for spring and also for Powwow.

Miigwech,

Fawn

From: Darren Fry <DFry@walkerind.com>
Sent: Thursday, January 18, 2024 3:08 PM
To: Councillor, Fawn Sault <FawnS@mncfn.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Aaniin Fawn,

Happy 2024! Just a quick follow up to see if we can set up a meeting with DOCA or Major Projects in the near future to introduce the project, discuss consultation expectations and answer any questions.

Speak soon,
Darren

From: Councillor, Fawn Sault <FawnS@mncfn.ca>

Sent: Wednesday, December 20, 2023 10:36 AM

To: Darren Fry <DFry@walkerind.com>

Cc: Elizabeth Duguay <EDuguay@walkerind.com>

Subject: RE: Walker Niagara - Environmental Assessment, South Landfill Phase 2

CAUTION: External email. Only open links/attachments from known senders

Aaniin Darren,

I can chat with you about the EA but I want to make sure that DOCA is informed first. I wanted to wish you and Elizabeth Happy Holidays and look forward to continue working with you as a Councillor for the next two years.

Miigwech,

Fawn

From: Darren Fry <DFry@walkerind.com>

Sent: Wednesday, November 15, 2023 12:50 PM

To: Councillor, Fawn Sault <FawnS@mncfn.ca>

Cc: Elizabeth Duguay <EDuguay@walkerind.com>

Subject: Walker Niagara - Environmental Assessment, South Landfill Phase 2

Aaniin Fawn,

I'm reaching to let you know that we'll be commencing an Environmental Assessment for the continuation/next phase of our landfill in Niagara Falls. We'll be publicly announcing the project on Nov. 30th but I wanted to reach out in advance to confirm the names of the offices/people that we should reach out to. I believe it was Casey whom I met a few times (Historical Gathering & meeting with Chief). As you know, an EA is a multi-year process and our approach with Indigenous communities is to engage early, often and in accordance with any community specific protocols.

Can you confirm – I would like to schedule a discussion to provide an overview of the project and begin the first steps of Walker & MCFN's engagement and consultation process on this project.

Thanks,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Subject: Walker South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference
Date: Thursday, March 7, 2024 at 3:34:43 PM Eastern Standard Time
From: South Landfill Phase 2 <info@southlandfillphase2.com>
To: Abby LaForme <Abby.LaForme@mncfn.ca>
CC: Mark LaForme <Mark.LaForme@mncfn.ca>, 'Councillor, Fawn Sault' <FawnS@mncfn.ca>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference - Letter (MCFN).pdf

Hello,

This email is to notify you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment (EA) is now available for review and comment from Government Review Agencies, Indigenous communities and agencies, the public, and other interested persons. The attached includes a cover letter with additional details.

The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking this [LINK](#). The documentation includes three (3) files as described below:

- Draft Terms of Reference – 2024.03.07;
- Draft Terms of Reference – Supporting Document – 2024.03.07; and
- Draft Terms of Reference – Record of Consultation – 2024.03.07

**** Note: The link will be active for 12 days from the date of this email. ****

We ask that comments on the draft ToR be submitted directly to info@southlandfillphase2.com by April 22, 2024.

Should you have any questions, please do not hesitate to reach out to our team.

Sincerely,

South Landfill Phase 2 EA Project Team
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com
Website: southlandfillphase2.com

March 7, 2024

Abby (LaForme) Lee
Consultation Officer, Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation
4065 Highway 6
Hagersville, ON NOA 1H0
Abby.LaForme@mncfn.ca

Dear Abby Lee,

**Subject: Draft Terms of Reference Available for Review
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), we are pleased to inform you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment is now available for review and comment, and we are seeking your input.

On November 30, 2023, Walker initiated an Environmental Assessment (EA) under the *Environmental Assessment Act* to develop the next phase (Phase 2) of the South Landfill at our Niagara Resource Management Campus. Phase 2 will allow Walker to continue to provide the Niagara region and surrounding communities with safe, responsible, and reliable waste management services for the next 20 years.


The ToR is the first step in the EA process. It serves as the roadmap for what will be studied during the subsequent EA phase and outlines the consultation activities that will take place. Since the announcement of the EA, Walker has engaged and consulted with local residents, government agencies, Indigenous communities, and interested parties to gather initial feedback on the proposal. This input has been carefully considered and incorporated into a draft version of the ToR.

We invite you to review the draft ToR and ask that any comments be submitted directly to info@southlandfillphase2.com by April 22, 2024. The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking the following [LINK](#).

All comments received will be reviewed and considered in the preparation of the final ToR, to be submitted for approval by the Minister of the Environment, Conservation and Parks.

We value your input and look forward to receiving your feedback on the draft ToR for the South Landfill Phase 2 EA. If you have any questions, comments, concerns, or would like to schedule a meeting please contact the undersigned directly or visit our project website at southlandfillphase2.com to learn more.

Sincerely,



Darren Fry, Project Director



Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

cc: Councillor Fawn Sault
Mark LaForme, Director, DOCA

Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Wednesday, March 13, 2024 at 9:40:59 AM Eastern Daylight Saving Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'Mark LaForme' <Mark.LaForme@mncfn.ca>, Abby LaForme <Abby.LaForme@mncfn.ca>
CC: Darren Fry <DFry@walkerind.com>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg, image002.jpg

Wonderful, thank you for confirming.

Looking forward to meeting with you.

Elizabeth

From: Mark LaForme <Mark.LaForme@mncfn.ca>
Sent: Wednesday, March 13, 2024 8:27 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>; Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Elizabeth,

The location of the meeting is 4065 Hwy. 6, Hagersville. There is a google maps link in my email below.

Thank you.

Regards,

Mark LaForme (he/him)
Director
MCFN-DOCA
4065 Hwy. 6
Hagersville, ON NOA 1H0
Phone: 905-768-4260

<http://mncfn.ca/doca>

Google Maps: <https://www.google.ca/maps/place/MNCFN-DOCA/@42.9718566,-80.0429177,15z/data=!4m5!3m4!1s0x0:0xd52b4642633e9aa2!8m2!3d42.9718566!4d-80.0429177>

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From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Tuesday, March 12, 2024 4:12 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>

Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Thursday, March 21, 2024 at 3:31:58 PM Eastern Daylight Saving Time
From: Mark LaForme <Mark.LaForme@mncfn.ca>
To: Elizabeth Duguay <EDuguay@walkerind.com>, Abby LaForme <Abby.LaForme@mncfn.ca>, Craig King <Craig.King@mncfn.ca>
CC: Darren Fry <DFry@walkerind.com>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg, image002.jpg

Hi Elizabeth,

It was absolutely our pleasure. We're so glad you would take time out of your day to join us in the community for a meeting. Thank you for sharing the slide deck but thank you especially for the meeting summary, it's much appreciated.

I will be connecting Darren and yourself with Dion Willier, the President and CEO of the MCFN Business Development Corporation to see if there are any synergies you can build on.

Also, as with you, if you have any questions of us, please don't hesitate to reach out.

Thank you.

Kind regards,

Mark LaForme (he/him)
Director
MCFN-DOCA
4065 Hwy. 6
Hagersville, ON N0A 1H0
Phone: 905-768-4260

<http://mncfn.ca/doca>

Google Maps: <https://www.google.ca/maps/place/MNCFN-DOCA/@42.9718566,-80.0429177,15z/data=!4m5!3m4!1s0x0:0xd52b4642633e9aa2!3d42.9718566!4d-80.0429177>

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From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Wednesday, March 20, 2024 3:12 PM
To: Mark LaForme <Mark.LaForme@mncfn.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; Craig King <Craig.King@mncfn.ca>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Mark, Abby and Craig,

Thank you again for hosting us at your office earlier this week – it was a pleasure meeting your team.

I have attached a copy of the slide deck for your reference, and prepared a brief meeting summary for your review.

Please feel free to reach out at any time if you have questions or comments regarding the proposal. As noted in the meeting, we will be sure to keep you apprised on key project milestones.

Kindest regards,
Elizabeth

From: Mark LaForme <Mark.LaForme@mncfn.ca>
Sent: Wednesday, March 13, 2024 8:27 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>; Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Elizabeth,

The location of the meeting is 4065 Hwy. 6, Hagersville. There is a google maps link in my email below.

Thank you.

Regards,

Mark LaForme (he/him)
Director
MCFN-DOCA
4065 Hwy. 6
Hagersville, ON N0A 1H0
Phone: 905-768-4260

<http://mncfn.ca/doca>

Google Maps: <https://www.google.ca/maps/place/MNCFN-DOCA/@42.9718566,-80.0429177,15z/data=!4m5!3m4!1s0x0:0xd52b4642633e9aa2!8m2!3d42.9718566!4d-80.0429177>

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From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Tuesday, March 12, 2024 4:12 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Abby,

I hope your week is off to a great start.

I'm following-up on the below regarding our meeting next week. Could you kindly confirm the location?

Thank you,
Elizabeth

From: Elizabeth Duguay
Sent: Thursday, February 29, 2024 1:46 PM
To: 'Abby LaForme' <Abby.LaForme@mncfn.ca>
Cc: 'Mark LaForme' <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>; 'Blair Shoniker' <Blair.Shoniker@ghd.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Abby,

Thank you for taking the time to speak with me over the phone today.

I've sent a meeting request for Monday, March 18th to introduce the South Landfill Phase 2, review the Environmental Assessment (EA) process, discuss consultation and engagement with MCFN, and answer any questions your team may have. Could you please confirm the meeting location?

As mentioned, we will be releasing the draft Terms of Reference next week on Thursday, March 7th. The Terms of Reference (ToR) is the initial step in the EA process and serves as the roadmap for what will be studied in the EA and outlines the consultation activities that will take place.

We will be sending you and Mark an email with the draft ToR, which we are happy to further discuss at our meeting on the 18th. Kindly let us know whether you would like us to provide your team with a mailed hardcopy of the draft ToR, in addition to the digital PDF.

Please do not hesitate to reach out to me directly should you have any questions.

Kindest regards,
Elizabet

From: Elizabeth Duguay
Sent: Tuesday, February 27, 2024 4:23 PM
To: 'Abby LaForme' <Abby.LaForme@mncfn.ca>
Cc: 'Mark LaForme' <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>; 'Blair Shoniker' <Blair.Shoniker@ghd.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Hi Abby,

Following-up on the below to confirm your team's availability for a meeting next week.

Thank you,
Elizabeth

From: Elizabeth Duguay
Sent: Thursday, February 22, 2024 8:36 AM
To: 'Abby LaForme' <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>; Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Abby,

Thanks for the introduction.

We are available to meet any time on Monday, March 4th. Please let me know which time slot works best for your team and I can send along a meeting invitation.

Looking forward to meeting with you.

Kindest regards,
Elizaeth

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, February 20, 2024 11:29 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Darren Fry <DFry@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

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Good Morning Elizabeth,

My name is Abby Lee and I am the Consultation Officer for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA).

MCFN DOCA is interested in a virtual meeting with you and your team to discuss the Walker South Landfill Phase 2.

MCFN DOCA has available times on the following dates:

March 4, 5, 8, 18, 20, 22- 9am – 12pm & 1pm- 4pm

Please indicate if any of the above times are suitable for you and your team.

Thank you

Abby (LaForme) Lee
Consultation Officer



Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

Please Note- If a digital copy of your notification has been sent, please be environmentally conscious and do not send a physical, copy. Thank you!

From: Elizabeth Duguay <EDuguay@walkerind.com>

Sent: Tuesday, February 13, 2024 10:56 AM

To: Mark LaForme <Mark.LaForme@mncfn.ca>

Cc: Darren Fry <DFry@walkerind.com>

Subject: FW: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Mark,

I trust this email finds you well.

Further to our Notice of Commencement of the Environmental Assessment for Phase 2 of our South Landfill (attached), our team is hoping to meet with DOCA to provide an introduction and overview of the Phase 2 project, the EA process, anticipated milestones and of course, answer any questions your team may have.

Please let me know if there is a day/time that works best for you, or if you'd like me to propose a few dates.

Kindest regards,
Elizabeth

Elizabeth Duguay

Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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From: Elizabeth Duguay

Sent: Thursday, November 30, 2023 11:52 AM

To: 'Stacey.LaForme@mncfn.ca' <Stacey.LaForme@mncfn.ca>

Cc: 'Mark.Laforme@mncfn.ca' <Mark.Laforme@mncfn.ca>; 'Casey.Jonathan@mncfn.ca' <Casey.Jonathan@mncfn.ca>; 'Councillor, Fawn Sault' <FawnS@mncfn.ca>

Subject: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Chief R. Stacey LaForme,

This email is to notify you that Walker Environmental Group (Waker) is initiating an Environmental Assessment under the Environmental Assessment Act to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario.

Attached is a letter providing further information, including the Notice of Commencement of a Terms of Reference and Open House #1 Notice.

Sincerely,
Elizabeth Duguay (on behalf of Darren Fry, Project Director)

South Landfill Phase 2 EA – Meeting Summary

Mississaugas of the Credit First Nation (MCFN) – Department of Consultation and Accommodation (DOCA)

Date: March 18, 2024

Time: 10:00 – 11:30am

Location: 4065 Hwy. 6, Hagersville, ON

Attendees:

MCFN DOCA

- Mark LaForme, Director, DOCA
- Abby Lee, Consultation Officer, DOCA
- Craig King, Consultation Officer, DOCA

Walker Environmental

- Darren Fry, Project Director
- Elizabeth Duguay, Planning & Community Engagement Lead

Topics Discussed:

1. Introductions
2. Walker Resource Management Campus Overview
3. South Landfill Phase 2 Introduction
4. Environmental Assessment (EA) & Approvals Process
5. Engagement & Consultation with MCFN
6. Next Steps

Meeting Notes:

Questions/Comments (Actions/responses in italics)	Action
DOCA inquired about potential economic/equity/commercial opportunities with Walker. <i>Walker expressed interest in economic opportunities including, but not limited to, Indigenous business procurement, employment, training, and equity partnerships where interests align. DOCA to introduce MCFN Economic Development staff to Walker for further discussions.</i>	DOCA

Questions/Comments (Actions/responses in italics)	Action
<p>DOCA asked whether Phase 2 of the South Landfill will have the same landfill liner as Phase 1.</p> <p><i>Walker responded that Phase 2's liner design will either be the same or an enhanced version of the Phase 1 liner. This will be determined throughout the EA.</i></p>	N/A
<p>Re-naturalization of Walker lands and a potential partnership with MCFN was discussed.</p>	N/A
<p>DOCA asked whether Walker conducts water testing at the Campus.</p> <p><i>Walker responded that yes, surface and groundwater testing are conducted regularly by independent third parties and that analytical results are included in an annual monitoring report which is submitted to the MECP and made publicly available.</i></p>	N/A
<p>DOCA inquired about the local planning approvals required for this project.</p> <p><i>Walker communicated that an Official Plan Amendment and Zoning By-law Amendments will be required at a later stage (i.e., post-EA approval).</i></p>	N/A
<p>The various approvals steps required for the development of Phase 2 were discussed (EA vs EPA vs Local Approvals).</p> <p><i>Walker offered to provide a follow-up discussion to review these approval steps in additional detail.</i></p>	N/A
<p>DOCA inquired about the potential of significant archaeological findings at the proposed Phase 2 project site.</p> <p><i>Walker indicated that the probability is low given the current land use (i.e., previously disturbed lands) of the site as a quarry, but that adjacent/buffer lands will be studied as part of the EA.</i></p> <p><i>DOCA expressed that MCFN has a preferred list of archeology consultants, which includes ARA, the current archaeology firm on the Phase 2 file.</i></p>	N/A
<p>MCFN participation in fieldwork during the EA studies was discussed (i.e., archaeology).</p> <p><i>Walker will coordinate archeology fieldwork with MCFN.</i></p>	Walker
<p>Walker offered accommodations for project meetings, travel, and review of EA documentation.</p>	N/A

End of notes.


Attachment: South Landfill Phase 2 Presentation



1

Agenda

- Introductions
- Walker Resource Management Campus Overview
- South Landfill Phase 2 Introduction
- Environmental Assessment & Approvals Process
- Engagement & Consultation with Mississaugas of the Credit First Nation
- Next Steps

South Landfill Phase 2 

2

Introductions/Project Team



Darren Fry
Project Director



Elizabeth Duguay
Planning & Community
Engagement Lead



Leticia Koole
Project Support Specialist



Kaitlynn Valeriano
Communications & Community
Outreach Manager

South Landfill Phase 2



3

Walker Overview

Building a sustainable future, **together.**



Part of the Niagara Community for 136+ Years

- Fifth-generation, Niagara based family-owned company
- 1,200+ employees



Committed to Resource Recovery

- Solutions to minimize waste while safely managing what can't be reused or recycled.



Niagara Resource Management Campus

- Integrated Resource & Waste Management
- Safely managing Niagara's waste for over 40 years



4

Walker's Resource Management Campus



Campus Operations

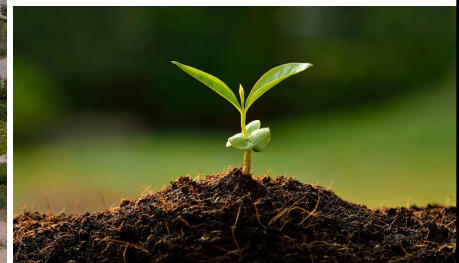
- A** Residential Drop-off
- B** Niagara Compost Facility
- C** Resource Recovery Area
- D** N-Viro® Biosolids Facility
- E** Agricultural Rehabilitation
- F** Landfill Gas to Energy Facility
- G** Aggregates Recycling & Processing Area
- H** South Landfill

South Landfill Phase 2



5

Niagara Compost Facility



South Landfill Phase 2



6

Waste and Recycling Drop-off Depots



Serving Niagara Residents

- Blue / Grey Box Materials
- Metals
- Leaf and Yard Waste
- Electronics (WEEE Program)
- White Goods
- Clean Wood
- Tires (Ontario Tire Stewardship)
- Clothing / Textiles
- Used Cooking Oil
- Batteries
- Concrete / Asphalt

South Landfill Phase 2



7

Grease Trap Services (GTS)



Turning organic materials (fats, oils & grease) into renewable energy

South Landfill Phase 2



8

Municipal Biosolids Management



Waste In - Sustainable Product Out

South Landfill Phase 2



9

Resource Recovery Area

Recovering wood waste & transitioning to low carbon economy



Recycling shingles to make sustainable aggregate products

South Landfill Phase 2



10

Landfill Gas-to-Energy



Producing equivalent renewable energy to power 25,000 homes from landfill gas



South Landfill Phase 2



11

Residual Waste Disposal



South Landfill – Phase 1
Safe & Reliable waste management

South Landfill Phase 2



12

South Landfill - Phase 2

Continuing to provide critical infrastructure for Niagara by developing the next phase of the South Landfill

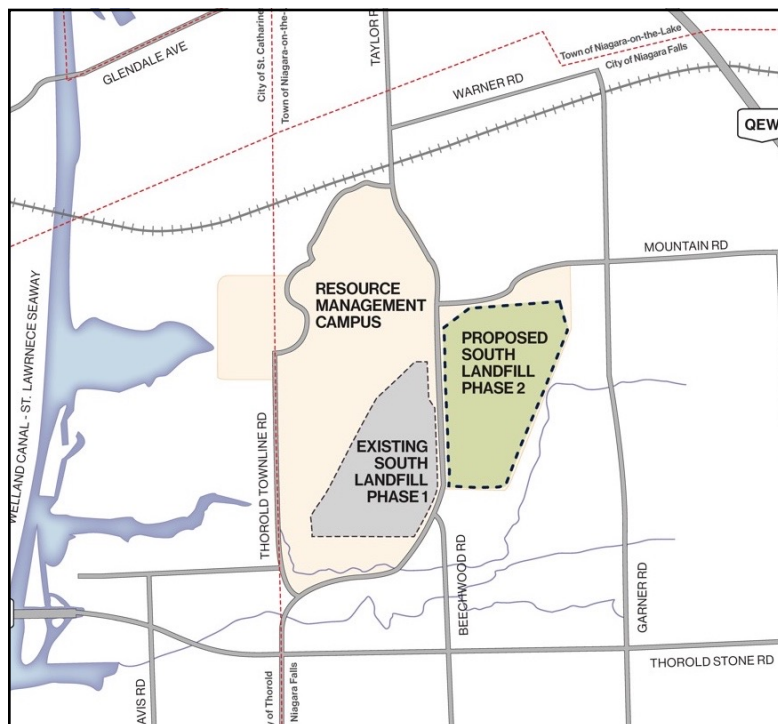
- Located immediately east of the current landfill operations
- Key operational aspects **not expected to change**
 - Annual/Daily waste receipt
 - Type of waste received
 - Operational life
- Existing waste management infrastructure, such as the **site entrance will not change**
 - EA will evaluate leachate management alternatives



South Landfill Phase 2



13



Phase 2 South Landfill

Key Facility Information

- 1.1 million tonnes of waste per year
- 18 million m³ total capacity
- 20 years of safe disposal
- ~ 500 jobs supported
- Renewable energy to power the equivalent of 10,000 homes

14

South Landfill

Designed & Operated to the highest standard

Key Features

- 12-foot thick liner
- Leachate collection & treatment system
- Landfill gas collection utilization
- Final landfill cap & end-use options

South Landfill Phase 2

15

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 REMAINING LANDFILL CAPACITY

https://www.owma.org/articles/2019-owma-landfill-report

South Landfill Phase 2

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Niagara's Waste Disposal Solution

South Landfill Phase 2

Planning for Niagara's Future

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

Destination	Percentage
Walker's South Landfill	74%
Niagara Region Municipal Landfills	13%
Export to U.S. Landfills	13%

* Based on historical recycling trends

South Landfill Phase 2

17

Continuing to Support Niagara

Jobs & Employment

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

Community Giving

Donations & giving totalling over **\$1.4 million annually** to charities, community groups, and infrastructure

Volunteering

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

Awareness & Education

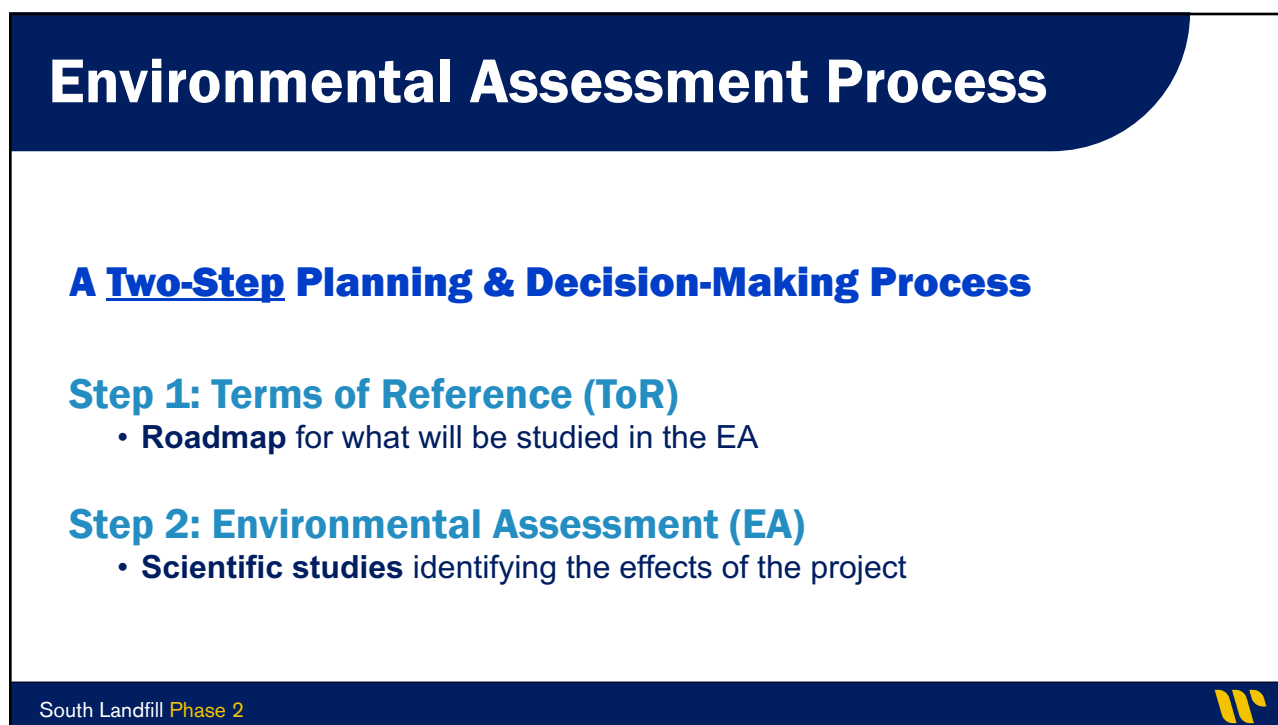
Supporting educational activities by participating in **community events, giving tours and presentations, and through partnerships**

South Landfill Phase 2

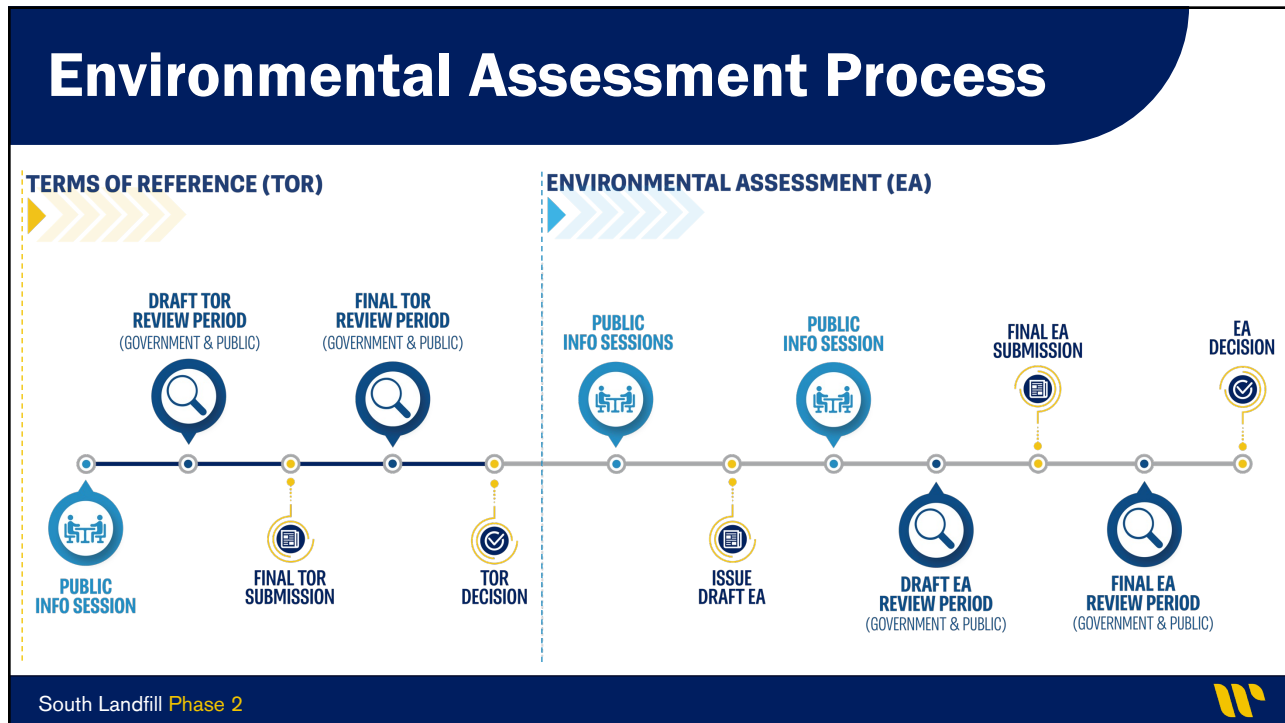
18



19



20



21



22

Consultation with Mississaugas of the Credit First Nation

- Walker respects the unique history, culture, knowledge, and rights of Indigenous Peoples
- We want to engage and consult in a way that works for the community
- Walker's consultation and engagement approach has 4 main elements:
 - Early
 - Often
 - Flexible
 - Adaptive

South Landfill Phase 2



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Project Information / Stay Connected



PROJECT WEBSITE

Learn more & sign up
to receive notifications
southlandfillphase2.com



PHONE

Call us at:
1-866-699-9425



EMAIL

Email us at:
info@southlandfillphase2.com



EVENTS

Public Information Sessions
at key milestones

South Landfill Phase 2



24

Next Steps

- Walker announced the start of the EA on November 30, 2023
- A draft ToR was released on March 7, 2024 – comment period ends April 22nd
- Final ToR submission date of May 31, 2024
- Start the EA in late 2024
- Draft EA anticipated in late 2026



Subject: RE: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference
Date: Thursday, May 2, 2024 at 10:36:54 AM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: 'Craig King' <Craig.King@mncfn.ca>, Elizabeth Duguay <EDuguay@walkerind.com>
CC: South Landfill Phase 2 <info@southlandfillphase2.com>, Abby LaForme <Abby.LaForme@mncfn.ca>, Mark LaForme <Mark.LaForme@mncfn.ca>
Attachments: image002.png, image003.jpg

Aaniin Craig,

Sorry I didn't get a chance to say hi at the Historical Gathering on Tuesday – its great to see the strong turn-out for the gathering. We've been supporting and attending since its inception and have watched it grow!

Thanks for following up on the Draft Terms of Reference. We'll continue to keep you informed at key milestones and will be available to answer questions anytime, feel free to reach out. Additionally, if you're down this way (Niagara) or would like to schedule a tour of our Campus – just let me or Elizabeth know – we'd love to show you around.

I did reach to Dion and welcome a meeting to discuss economic development opportunities.

Lastly, Elizabeth and Councillor Fawn Sault are coordinating a day in the coming month to plant some fruit trees/berry bushes in the community as part of Councillor Sault's food security initiative. Walker is donating some compost to help condition the soils as well as the trees/bushes. A planting day is being scheduled where we'll bring 10-15 Walker employees out to the community to get everything planted, do some learning as part of our commitment to TRC Calls to Action for Businesses (increase employee Indigenous Awareness) and celebrate with a BBQ. Once we have a date – we'll share this with you and hope you can attend or come by to say hi to everyone.

Miigwech,
Darren

From: Craig King <Craig.King@mncfn.ca>
Sent: Wednesday, May 1, 2024 3:13 PM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>; Abby LaForme <Abby.LaForme@mncfn.ca>; Mark LaForme <Mark.LaForme@mncfn.ca>
Subject: RE: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference

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Hello Elizabeth,
Apologies for the late response, I have consulted with my co-workers and we have no comments

pertaining to the draft Terms of Reference for the South Landfill Phase 2 Environmental Assessment at this time.

Please continue to keep us informed of potential Business opportunities as they present themselves in the future.

Kindest regards.



Craig King (He/Him)
Consultation Officer,
Department of Consultation
and Accommodation
Craig.King@mncfn.ca
C ; 905 869 4128

Mississaugas of the Credit First
Nation
4065 Highway 6
Hagersville, ON N0A 1H0
www.mncfn.ca

From: Elizabeth Duguay [<mailto:EDuguay@walkerind.com>]

Sent: Wednesday, April 24, 2024 3:54 PM

To: Craig King <Craig.King@mncfn.ca>

Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>

Subject: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference

Good afternoon Craig,

I hope all is well with you.

I'm reaching out in regard to the Draft Terms of Reference for the South Landfill Phase 2 Environmental Assessment, which was made publicly available and shared with DOCA on March 7, 2024.

The public comment period on the document concluded this Monday, April 22nd and I wanted to touch base to see whether we can expect any comments from your team.

Please feel free to give me a call if you have any questions.

Kindest regards,
Elizabeth

Elizabeth Duguay

Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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**Métis Nation of Ontario
Correspondence**

Subject: FW: Walker, South Landfill - Phase 2
Date: Monday, March 25, 2024 at 1:58:21 PM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image568c64.JPG

RoC – Indigenous

From: DJ Pont <pontdj@hotmail.com>
Sent: Monday, December 4, 2023 4:06 PM
To: Darren Fry <DFry@walkerind.com>; Peter Rivers <rivers_peter@hotmail.com>
Cc: TBWMC President <tbwmc.president@gmail.com>; CWMC <CWMC@metisnation.org>; Jennifer Parkinson <president@grandrivermetis.ca>
Subject: Re: Walker, South Landfill - Phase 2

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Alo Darren and Peter

Good to hear from you Darren.

The Niagara Region Metis Council would be interested in the update from Walker. South Landfill - Phase 2. It seems like it was only a few years ago when this landfill first opened.

Peter, I have included the other President in Region 9 to see if they also have an interest.

Derrick Pont
President
Niagara Region Metis Council

From: Darren Fry <DFry@walkerind.com>
Sent: December 1, 2023 3:42 PM
To: DJ Pont <pontdj@hotmail.com>; Peter Rivers <rivers_peter@hotmail.com>
Subject: Walker, South Landfill - Phase 2

Hello Derrick and Peter,

I'm reaching out to let you know that we're beginning the planning process to extend the life of our current landfill through the development of the next phase (Phase 2). With only 8 years of capacity remaining, its important we start this process to ensure Niagara continues to have access to safe and reliable waste disposal services.

Here is the link to the project website with lots of information available (www.southlandfillphase2.com).

I'm hoping we can organize a call in the near future. Let me know some dates that work for you.

Regards,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Subject: RE: Walker - South Landfill Continuation, Draft Terms of Reference
Date: Wednesday, April 10, 2024 at 11:16:28 AM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: 'DJ Pont' <pontdj@hotmail.com>
Attachments: image001.jpg

Thanks for the update Derrick.

Are you free later this week for a quick call?
Daren

From: DJ Pont <pontdj@hotmail.com>
Sent: Friday, April 5, 2024 2:21 PM
To: Darren Fry <DFry@walkerind.com>
Subject: Re: Walker - South Landfill Continuation, Draft Terms of Reference

Good Afternoon Darren

I want to give you an update to what has been happening within the MNO

This year is an election year for our Provincial Council (PCMNO).

Peter River our PCMNO Regional 9 Councilor decided not to run in this years' PCMNO Election. The President of the Thames Bluewater Metis Council Kathleen Anderson had put her name forward to run as the Region 9 Councilor. No other candidate had put their name forward. Kathleen Anderson was acclaimed as the new Region 9 Councilor, this will take effect as of May 7, 2024.

Within Region 9 in the last 6 months there is a new Council President in the Grand River Metis Council, Clear Water Metis Council and soon to be a new President in the Thames Bluewater Metis Council. No Council is in place in the Windsor Essex Metis Council area. I am the only experience President with Consultations in the Region 9 area.

After May 9 our new Region 9 Councilor who also serves as the Chair of our Region 9 Consultation Committee will host a meeting with all of the President to discuss how our Region will be moving for as a Region and Regional Consultation

Committee. After this meeting we will have a better understanding on who will be meeting with Walkers.

I will keep you updated

Derrick Pont

President

Niagara Region Metis Council

From: Darren Fry <DFry@walkerind.com>
Sent: March 14, 2024 8:42 AM
To: 'DJ Pont' <pontdj@hotmail.com>
Subject: RE: Walker - South Landfill Continuation, Draft Terms of Reference

Hi Derrick,

[REDACTED]

Regards,
Darren

From: DJ Pont <pontdj@hotmail.com>
Sent: Wednesday, March 13, 2024 6:25 PM
To: Darren Fry <DFry@walkerind.com>
Subject: Re: Walker - South Landfill Continuation, Draft Terms of Reference

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Hi Darren

[REDACTED]

Derrick

Get [Outlook for Android](#)

From: Darren Fry <DFry@walkerind.com>
Sent: Monday, March 11, 2024 1:30:20 PM

To: DJ Pont <pontdj@hotmail.com>

Subject: Walker - South Landfill Continuation, Draft Terms of Reference

Hello Derrick,

I trust all is well.

Given Walker's longstanding relationship with the Niagara Region Metis Council here in Niagara, I wanted to let you know we've released a Draft Terms of Reference (ToR) for Phase 2 of our South Landfill. The Terms of Reference (ToR) can be accessed through our project website at southlandfillphase2.com and we're accepting comments on the Draft ToR until April 22nd.

As you may recall, on November 30, 2023, Waker announced the start of the planning process to develop the next phase of its South Landfill in Niagara Falls and initiated an Environmental Assessment (EA) under the *Environmental Assessment Act*. The ToR is the first step in the EA process and serves as the roadmap for what will be studied and the consultation activities that will take place during the following EA step.

If you have any questions or would like to set up a time to meet, let me know. I'd be happy to catch up with you for a coffee and discuss the project more detail.

Regards,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Subject: RE: Niagara Council/Walker
Date: Monday, May 13, 2024 at 2:12:10 PM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: 'DJ Pont' <pontdj@hotmail.com>
CC: Elizabeth Duguay <EDuguay@walkerind.com>
Attachments: image001.jpg

Hello Derrick,

Thank you for the update. We will continue to keep the NRMC informed at key steps in our South Landfill Phase 2 planning process.

If you would like, we would be happy to speak at a future Council meeting or offer a tour of our Campus to Council followed by a discussion. Let me know and we'll happily offer some dates.

Regards,
Darren

From: DJ Pont <pontdj@hotmail.com>
Sent: Monday, May 13, 2024 11:51 AM
To: Darren Fry <DFry@walkerind.com>
Subject: Re: I don't have your number for some reason

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Bon Matin Darren

Last Friday I met with the New Region 9 Councilor, Kathleen Anderson and the Council Presidents of Region 9.
It was agreed by all that each Council will work on their own projects individually within their Council area.

Moving forward Walkers will be meeting with the Niagara Council only.

Derrick

From: Darren Fry <DFry@walkerind.com>
Sent: April 12, 2024 9:33 AM
To: DJ Pont <pontdj@hotmail.com>
Subject: I don't have your number for some reason

Can you call me at 905.329.4265.

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Subject: RE: coffee

Date: Thursday, May 23, 2024 at 2:05:00 PM Eastern Daylight Saving Time

From: Darren Fry <DFry@walkerind.com>

To: 'DJ Pont' <pontdj@hotmail.com>

Hi Derrick,

How would Thursday at 930 or 10am work?

Darren

From: DJ Pont <pontdj@hotmail.com>

Sent: Thursday, May 23, 2024 10:17 AM

To: Darren Fry <DFry@walkerind.com>

Subject: coffee

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Bon Matin Darren

Would you have time meet next week (not Wednesday) in the morning for coffee.

Derrick

**Niagara Regional Native Centre
Correspondence**

Tuesday, February 20, 2024 at 11:13:24 Eastern Standard Time

Subject: FW: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Wednesday, February 14, 2024 at 11:35:13 AM Eastern Standard Time
From: Elizabeth Duguay
To: Phil Davis
CC: Darren Fry, Leticia Koole
Attachments: South Landfill Phase 2 - Notice of Commencement Nov 30 2023.pdf

Hi Phil,

It was great chatting with you!

As a follow-up to our discussion, I've forwarded along the notice I sent at the end of November 2023 regarding the official launch of our project (attached).

We'd love to arrange a meeting with you and other interested NRNC staff to introduce the project, provide an overview of the Environmental Assessment process, discuss next steps and, of course, answer any questions you may have.

I will give you a call on Friday when you are back from your conference in Toronto to schedule a date/time to meet.

Kindest regards,
Elizabeth

From: Elizabeth Duguay
Sent: Thursday, November 30, 2023 12:16 PM
To: 'executivedirector@nrnc.ca' <executivedirector@nrnc.ca>
Cc: Phil Davis <outreach@nrnc.ca>
Subject: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice

Good morning Dawn,

This email is to notify you that Walker Environmental Group (Waker) is initiating an Environmental Assessment under the Environmental Assessment Act to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario.

Attached is a letter providing further information, including the Notice of Commencement of a Terms of Reference and Open House #1 Notice.

Sincerely,
Elizabeth Duguay (on behalf of Darren Fry, Project Director)



November 30, 2023

Dawn Moughtin, Co-Executive Director

Niagara Region Native Centre
382 Airport Road
Niagara-on-the-Lake, ON L0S 1J0
outreach@nrnc.ca

**Subject: Notice of Commencement of Terms of Reference and Open House #1
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), I would like to inform you that we are initiating an Environmental Assessment (EA) in accordance with the *Environmental Assessment Act* (EAA) to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario. The current phase of the landfill is approaching its licensed capacity, and the development of Phase 2 will continue to provide the Niagara Region and surrounding communities with safe and reliable solid waste disposal services for an additional 20-year period.

The South Landfill is an integral component of Walker's Niagara Resource Management Campus, a dynamic operation that recovers resources sustainably and manages waste efficiently. Phase 2 of the landfill would be developed at Walker's Campus, directly east of current landfilling operations. This location, as shown in the accompanying Notice, would continue to use existing infrastructure, such as the landfill entrance, and allow daily operations to seamlessly transition into a new adjacent fill area.

The attached Notice of Commencement signals the start of the EA, a process that will carefully consider all potential impacts of the proposal, both negative and positive, on the natural and human environment, which includes social, economic, and cultural factors.

Walker is a fifth generation, family-owned and Niagara based company. With a commitment to the environment, community and future generations, we will consider a wide range of input as we undertake the planning process. Walker also acknowledges the unique and inherent rights, treaty rights, and perspectives of Indigenous peoples. We will work with Indigenous communities and organizations like the Niagara Region Native Centre in a good way while respecting consultation and accommodation protocols.

We will be contacting you in the coming weeks to schedule a meeting to provide an overview of the project and discuss how Walker can incorporate the unique perspectives of the Centre and the community it supports into the project.

Your input is very important, and we value your participation in this process. We will keep you informed and engaged at each step of the EA. If you have any questions, comments, or concerns, please contact the undersigned directly or visit our project website to learn more.



Sincerely,

A handwritten signature in black ink, appearing to read 'Darren Fry', is written over a horizontal line.

Darren Fry, Project Director

Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Attachment: Notice of Commencement of Terms of Reference & Open House #1 – South Landfill Phase 2
Environmental Assessment Walker Environmental Group Inc.

cc: Phil Davis, Outreach Coordinator

Notice of Commencement of Terms of Reference & Open House #1 South Landfill Phase 2 Environmental Assessment Walker Environmental Group Inc.

Walker is proposing to develop the next phase of its South Landfill to continue to provide essential waste disposal services to meet the needs of Niagara and surrounding communities. Similar to current operations, South Landfill Phase 2 will include an annual fill rate of 1.1 million tonnes per year and a total capacity of approximately 18 million tonnes over the next 20 years.

To develop Phase 2 of the South Landfill, Walker has initiated an Environmental Assessment, a Provincial planning process under the Environmental Assessment Act, to assess the potential effects of the proposed landfill continuation on the environment and surrounding community.

The Process

This study will be carried out in accordance with the requirements of Ontario Regulation 101/07 which includes the requirement to conduct an individual Environmental Assessment per the Environmental Assessment Act.

The first step of the process is the preparation of a Terms of Reference. The Terms of Reference will set out the proponent's framework and work plan for addressing the Environmental Assessment Act requirements when preparing the Environmental Assessment, including such things as the alternatives that

will be considered and the public consultation activities that will be carried out. If approved by the Minister, the Terms of Reference will provide the framework and requirements for the preparation of the Environmental Assessment.

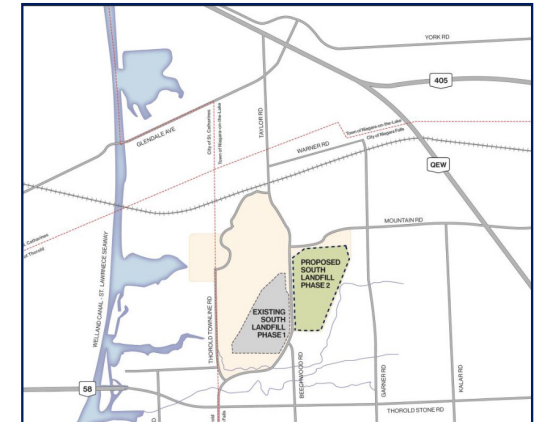
Invitation

Walker invites you to attend an initial public Open House to introduce the project, review and discuss the Environmental Assessment process, and gather feedback:

Open House #1
Thursday, December 14th, 2023
from 4:00 pm – 8:00 pm
Club Italia, Grande Ballroom B, 2525
Montrose Rd, Niagara Falls

Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers, on the project website www.southlandfillphase2.com, by direct mail and/or electronic mail (email).



Shown: South Landfill

A virtual, self-guided open house will also be available at www.southlandfillphase2.com from December 15th until January 15th. Your input is valuable, and you are encouraged to submit your comments by mail, email, or phone to the project contact listed, or through the project website.

Darren Fry Project Director

Walker Environmental Group Inc.
2800 Thorold Townline Rd,
ON L2E 6S4
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com

To be added to the project mailing list, please sign-up at www.southlandfillphase2.com

Subject: Walker South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference
Date: Thursday, March 7, 2024 at 3:34:20 PM Eastern Standard Time
From: South Landfill Phase 2 <info@southlandfillphase2.com>
To: Phil Davis <outreach@nrnc.ca>
CC: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference - Letter (NRNC).pdf

Hello,

We are reaching out to provide an update on our South Landfill Phase 2 project. As you may recall, on November 30, 2023, Waker announced the start of the planning process to develop the next phase of its South Landfill in Niagara Falls and initiated an Environmental Assessment (EA) under the *Environmental Assessment Act*.

We are pleased to share that a draft Terms of Reference (ToR) is now available for public review and comment and can be accessed through our project website at southlandfillphase2.com.

The ToR is the first step in the EA process and serves as the roadmap for what will be studied and the consultation activities that will take place during the following EA step. Please review the attached letter for additional details.

We look forward to receiving your feedback on the draft ToR. Should you have any questions, please do not hesitate to connect with us at any time.

Sincerely,

South Landfill Phase 2 EA Project Team
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com
Website: southlandfillphase2.com

March 7, 2024

Phil Davis
Outreach Coordinator
Niagara Regional Native Centre
382 Airport Rd
Niagara-on-the-Lake, ON L0S 1J0
outreach@nrnc.ca

Dear Phil,

Subject: **Public Comments Invited on the Draft Terms of Reference
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On November 30, 2023, Walker Environmental Group (Walker) shared our plans to develop the next phase of the South Landfill (Phase 2) at our Niagara Resource Management Campus and initiated an Environmental Assessment (EA) under the *Environmental Assessment Act*. Phase 2 will provide the Niagara region with an additional 20 years of much-needed disposal capacity and allow Walker to continue to deliver safe, affordable, and reliable waste disposal services to the community.

Since the announcement of South Landfill Phase 2, Walker has been meeting with local residents, government agencies, Indigenous communities, and other key stakeholders to gather feedback on the proposal. A public open house was held in-person on December 14, 2023 and virtually from December 15, 2023 – January 15, 2024 to obtain initial input from the community. We thank all those who attended and shared their feedback. A copy of the information presented at this event can be found on our project website at southlandfillphase2.com.

The feedback we have received on Phase 2 has been carefully considered and incorporated into a draft Terms of Reference (ToR). The ToR is the first step in the EA process and will serve as Walker's workplan for the technical studies that will be conducted and the consultation activities that will occur during the subsequent EA step. The draft ToR for South Landfill Phase 2 is now available for review, and we are seeking your input.

The draft ToR document can be accessed on our website at southlandfillphase2.com and is available for comment until April 22, 2024. Comments can be submitted through our website, via email at info@southlandfillphase2.com, by phone at 1-866-699-9425, or by mail to the following address:

Attn: Darren Fry, Project Director
Walker Environmental Group
2800 Thorold Townline Rd, Niagara Falls, ON L2E 6S4

A copy of the document is also available for in-person review at Walker's Corporate Office upon request. Please contact 1-866-699-9425 to schedule your visit.

Your input on the draft ToR is important to us and ensures that community feedback is incorporated into the final ToR, which will be submitted for approval by the Minister of Environment, Conservation and Parks.

Sincerely,



Darren Fry, Project Director

Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Six Nations of the Grand River Correspondence

Wednesday, February 14, 2024 at 13:44:04 Eastern Standard Time

Subject: Walker South Landfill Phase 2 - Notice of Commencement of Terms of Reference & Open House #1 Notice
Date: Thursday, November 30, 2023 at 12:02:36 PM Eastern Standard Time
From: Elizabeth Duguay
To: 'sherri-lyn_hillpierce@sixnations.ca'
CC: 'lonnybomberry@sixnations.ca', 'dawnrussell@sixnations.ca', 'LRCS@sixnations.ca'
Attachments: South Landfill Phase 2 - Notice of Commencement Nov 30 2023.pdf

Dear Chief Sherri-Lyn Hill-Pierce,

This email is to notify you that Walker Environmental Group (Waker) is initiating an Environmental Assessment under the Environmental Assessment Act to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario.

Attached is a letter providing further information, including the Notice of Commencement of a Terms of Reference and Open House #1 Notice.

Sincerely,
Elizabeth Duguay (on behalf of Darren Fry, Project Director)



November 30, 2023

Chief Sherri-Lyn Hill-Pierce

Six Nations of the Grand River
2498 Chiefswood Road, P.O. Box 5000
Ohsweken, ON N0A 1M0

Dear Chief Sherri-Lyn Hill-Pierce,

**Subject: Notice of Commencement of Terms of Reference and Open House #1
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), I would like to inform you that we are initiating an Environmental Assessment (EA) in accordance with the *Environmental Assessment Act* (EAA) to develop the next phase (Phase 2) of our South Landfill in Niagara Falls, Ontario. The current phase of the landfill is approaching its licensed capacity, and the development of Phase 2 will continue to provide the Niagara Region and surrounding communities with safe and reliable solid waste disposal services for an additional 20-year period.

The South Landfill is an integral component of Walker's Niagara Resource Management Campus, a dynamic operation that recovers resources sustainably and manages waste efficiently. Phase 2 of the landfill would be developed at Walker's Campus, directly east of current landfilling operations. This location, as shown in the accompanying Notice, would continue to use existing infrastructure, such as the landfill entrance, and allow daily operations to seamlessly transition into a new adjacent fill area.

The attached Notice of Commencement signals the start of the EA, a process that will carefully consider all potential impacts of the proposal, both negative and positive, on the natural and human environment, which includes social, economic, and cultural factors.

Walker is a fifth generation, family-owned and Niagara based company. With a commitment to the environment, community, and future generations, we will consider a wide range of input as we undertake the planning process. Walker also acknowledges the unique and inherent rights, treaty rights, and perspectives of Indigenous peoples. We will work with the Six Nations of the Grand River in a good way while respecting community consultation and accommodation protocols.

We will be contacting you and the Consultation and Accommodation Process (CAP) Team shortly to schedule a meeting to provide an overview of the project and discuss the development of an engagement and consultation program that works for the Six Nations of the Grand River.

Your input is very important, and we value your participation in this process. We will keep you informed and engaged at each step of the EA. If you have any questions, comments, or concerns, please contact the undersigned directly or visit our project website southlandfillphase2.com to learn more.



Sincerely,

A handwritten signature in black ink, appearing to read 'Darren Fry', is written over a horizontal line.

Darren Fry, Project Director

Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

Attachment: Notice of Commencement of Terms of Reference & Open House #1 – South Landfill Phase 2
Environmental Assessment Walker Environmental Group Inc.

cc: Lonny Bomberry, Lands & Resource Director, CAP
Peter Graham, Consultation Supervisor, CAP
Dawn Russell, Consultation Administrative Assistant, CAP

Notice of Commencement of Terms of Reference & Open House #1 South Landfill Phase 2 Environmental Assessment Walker Environmental Group Inc.

Walker is proposing to develop the next phase of its South Landfill to continue to provide essential waste disposal services to meet the needs of Niagara and surrounding communities. Similar to current operations, South Landfill Phase 2 will include an annual fill rate of 1.1 million tonnes per year and a total capacity of approximately 18 million tonnes over the next 20 years.

To develop Phase 2 of the South Landfill, Walker has initiated an Environmental Assessment, a Provincial planning process under the Environmental Assessment Act, to assess the potential effects of the proposed landfill continuation on the environment and surrounding community.

The Process

This study will be carried out in accordance with the requirements of Ontario Regulation 101/07 which includes the requirement to conduct an individual Environmental Assessment per the Environmental Assessment Act.

The first step of the process is the preparation of a Terms of Reference. The Terms of Reference will set out the proponent's framework and work plan for addressing the Environmental Assessment Act requirements when preparing the Environmental Assessment, including such things as the alternatives that

will be considered and the public consultation activities that will be carried out. If approved by the Minister, the Terms of Reference will provide the framework and requirements for the preparation of the Environmental Assessment.

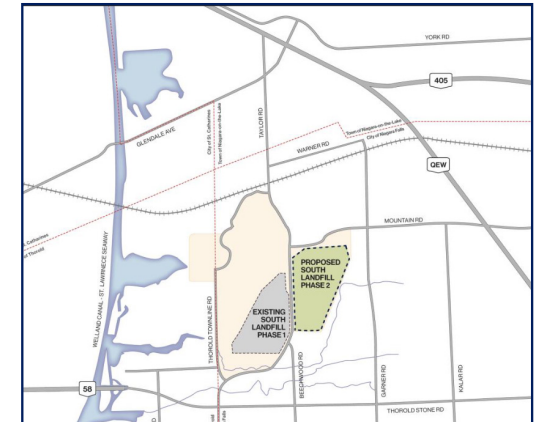
Invitation

Walker invites you to attend an initial public Open House to introduce the project, review and discuss the Environmental Assessment process, and gather feedback:

Open House #1
Thursday, December 14th, 2023
from 4:00 pm – 8:00 pm
Club Italia, Grande Ballroom B, 2525
Montrose Rd, Niagara Falls

Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers, on the project website www.southlandfillphase2.com, by direct mail and/or electronic mail (email).



Shown: South Landfill

A virtual, self-guided open house will also be available at www.southlandfillphase2.com from December 15th until January 15th. Your input is valuable, and you are encouraged to submit your comments by mail, email, or phone to the project contact listed, or through the project website.

Darren Fry Project Director

Walker Environmental Group Inc.
2800 Thorold Townline Rd,
ON L2E 6S4
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com

To be added to the project
mailing list, please sign-up at
www.southlandfillphase2.com

Wednesday, February 14, 2024 at 13:48:48 Eastern Standard Time

Subject: FW: Walker Environmental - Environmental Assessment for Landfill Extension
Date: Thursday, November 30, 2023 at 11:48:06 AM Eastern Standard Time
From: Leticia Koole
To: South Landfill Phase 2
Attachments: image001.jpg

From: Darren Fry <DFry@walkerind.com>
Date: Thursday, November 30, 2023 at 11:47 AM
To: 'Peter Graham' <LRCs@sixnations.ca>, Dawn Russell <dawnrussell@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>, Blair Shoniker <Blair.Shoniker@ghd.com>
Subject: RE: Walker Environmental - Environmental Assessment for Landfill Extension

Hello Peter,

Jan. 16th at 1:30 pm works well for us.

We look forward to meeting and working with your community & team throughout this process.

Nia:wen
Darren

From: Peter Graham <LRCs@sixnations.ca>
Sent: Wednesday, November 29, 2023 10:23 AM
To: Darren Fry <DFry@walkerind.com>; Dawn Russell <dawnrussell@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Environmental - Environmental Assessment for Landfill Extension

Hi Darren,

Jan 16th will work better for in-person because I know we have space that day. Does 1:30 work that day? We'd meet in the boardroom at 2498 Chiefswood Rd.

Thank you, Peter

From: Darren Fry <DFry@walkerind.com>
Sent: Monday, November 27, 2023 4:04 PM
To: Peter Graham <LRCs@sixnations.ca>; Dawn Russell <dawnrussell@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: [External] RE: Walker Environmental - Environmental Assessment for Landfill Extension

Hello Peter,

Elizabeth and I are available on both dates. How does Jan 11th at 130pm work? Can you confirm the CAP team meeting address as well.

Many thanks,
Darren

From: Peter Graham <LRCS@sixnations.ca>
Sent: Monday, November 27, 2023 10:44 AM
To: Darren Fry <DFry@walkerind.com>; Dawn Russell <dawnrussell@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker Environmental - Environmental Assessment for Landfill Extension

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Hi Darren,

Will you have availability on the afternoons of Jan 11 or 16?

Thank you, Peter

From: Darren Fry <DFry@walkerind.com>
Sent: Thursday, November 23, 2023 12:58 PM
To: Dawn Russell <dawnrussell@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: [External] Walker Environmental - Environmental Assessment for Landfill Extension

Hello Dawn,

I believe we have met in the past – my name is Darren and work with Walker Environmental. I spoke to Lonny earlier this week to inform him and the CAP team of our intention to start an Environmental Assessment for Phase 2 of our South Landfill. Phase 1 of the landfill has approximately 8 yrs of capacity remaining and we are beginning to look at ways how we can continue to provide important waste management services. We will publicly announce the start of the EA on Nov. 30th but given our history of working together – I wanted to reach out the CAP team in advance. Lonny advised me to contact you.

I would like to schedule a meeting to discuss the project, Six Nations of the Grand River First Nation's expectations for engagement and consultation and how we can plan our next steps together. I can provide some dates to meet if you like.

On Nov. 30th – we will send a formal letter with the Notice of Commencement to the Chief's office with a copy to you. This will include additional information about the project.

Let me know if you have any questions. I look forward to meeting.

Niawen'ko:wa

Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Tuesday, February 13, 2024 at 13:34:58 Eastern Standard Time

Subject: RE: Plant List
Date: Wednesday, January 17, 2024 at 11:09:01 AM Eastern Standard Time
From: Darren Fry
To: 'Lauren Vanderlingen', Elizabeth Duguay
CC: Lauren Jones, Blair Shoniker
Attachments: image001.png, image002.png

Shé:kon Lauren,

On behalf of Elizabeth and Blair (GHD), thank you for the plant list and for your time to meet with us yesterday. Unfortunately I could not attend, I developed some cold symptoms/loss of voice on my drive to the community and turned around.

Quick question - are we able to share this document with our natural science and ecology consultant (they are under confidentiality agreement). I'll also share it with our internal Lands and Resources team as we own/manage hundreds of acres of woodlots on buffer lands, rehabilitated lands and properties. It's a very valuable document.

As a quick side note – we've worked with Kayanase in the past where we've donated Carolinian saplings that were removed from a constructed wetland treatment system we built and operate for the City of Thorold. The saplings were risking plugging the system and we didn't want to discard them – I believe the Kayanase team removed over 100 saplings for stock at the nursery.

We're considering developing a nursery/seed harvesting project here at Walker for regionally native species to help ensure we have access to stock for our planting/re-planting/rehabilitation projects. If there is interest in working together on this let me know – we're only at the conceptual stage and are looking for project partners.

Elizabeth and I will review the discussion, questions and input from yesterday's meeting and provide additional responses/clarity if needed.

We look forward to working with you and hope to host the CAP to our Campus in the Spring or sooner as we build our relationship.

Warm regards,
Darren

From: Lauren Vanderlingen <wsma@sixnations.ca>
Sent: Wednesday, January 17, 2024 9:30 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>; Darren Fry <DFry@walkerind.com>

Cc: Lauren Jones <laurenjones@sixnations.ca>

Subject: Plant List

CAUTION: External email. Only open links/attachments from known senders

Hey Elizabeth and Darren,

It was great to see you both yesterday!

I've attached our draft plant list for you and whomever it may concern to review. I hope it proves to be a valuable resource for Walker when completing Environmental Assessments/species lists, making decisions for future site locations, and for site restoration purposes.

I just wanted to highlight the precautionary statement that is at the top of the chart: The chart is a "best approximation" of plant species that may be of interest and importance to the community of Six Nations. This is intended to be a living document. It should not be considered a complete guide or sole reference when considering traditional plant species. Please consult additional reputable resources to ensure correct identification of species in the field. It is still in draft form, pending more input from the community.

This list should not be made public, but rather kept for internal reference and decision making.

Thank you for meeting with the Six Nations team to discuss the landfill expansion and hearing our concerns. We hope to continue having these discussions and building a strong relationship with your team.

Please do not hesitate to contact us Laurens with any questions.

Have a great rest of the week!

Sincerely,

Lauren Vanderlingen, Bachelor of Arts and Science

Wildlife and Stewardship Technician, Lands and Resources
Six Nations of the Grand River Elected Council

P (519) 445-0330 ext. 5430

A 1721 Chiefswood Road (P.O. Box 5000), Ohsweken ON N0A 1M0

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Tuesday, February 13, 2024 at 13:26:28 Eastern Standard Time

Subject: FW: Walker South Landfill Phase 2 EA - quick follow up
Date: Thursday, January 18, 2024 at 2:09:54 PM Eastern Standard Time
From: Darren Fry
To: South Landfill Phase 2
Attachments: image001.jpg

RoC – Indigenous

From: Peter Graham <LRCS@sixnations.ca>
Sent: Thursday, January 18, 2024 2:01 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>; Kevin Kehl <KKehl@walkerind.com>
Subject: RE: Walker South Landfill Phase 2 EA - quick follow up

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Hi Darren,

Thank you for making the safe decision. I wish more people would. We were fully satisfied with your team's introduction of the project.

Thanks for the suggestions and updates. An early March meeting make sense. Dawn's returned to work, so she'll be able to schedule. Yes, I'm your key contact.

Best, Peter

From: Darren Fry <DFry@walkerind.com>
Sent: Thursday, January 18, 2024 12:15 PM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>; Kevin Kehl <KKehl@walkerind.com>
Subject: [External] Walker South Landfill Phase 2 EA - quick follow up

Hello Peter,

First – my apologies for not being able to attend the meeting on Tuesday. I began developing some cold symptoms while on my drive and as a precaution, decided to not enter the community/attend. I trust my colleagues Elizabeth and Blair were able to introduce the project, signal our intention to work closely with the SNEC/CAP team and address questions.

As a follow-up to the meeting, I'd like to provide a simple meeting summary with the questions asked and brief responses (some will be expanded as Elizabeth wasn't able to fully answer some of them). I can send a draft over for your review next week.

I would also like to schedule our next meeting for early in March as we expect to have a Draft Terms of Reference ready by mid-March. We would be happy to review key elements of it with the CAP team and ensure we have billing information/details for the accommodation process that will follow as we work together on this EA. We can also discuss setting a date for a Campus Tour (inc. the Uppers Quarry project site too).

On that note – I did relay feedback the CAP team shared regarding the Uppers project with my colleague/Project Manager Kevin Kehl. He said he will be following up with you shortly to provide an update on the status of the project/responses to the CAP teams comments.

Lastly – will you be the key point of contact on the CAP team? I've copied you on a correspondence from Lauren and our response from yesterday to keep you in the loop.

Many thanks/Nia:wen,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

T: 905-680-3783
C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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Thursday, February 8, 2024 at 11:02:48 Eastern Standard Time

Subject: FW: Walker South Landfill Phase 2, draft Meeting #1 Notes
Date: Friday, February 2, 2024 at 7:19:11 AM Eastern Standard Time
From: Leticia Koole
To: South Landfill Phase 2
Attachments: 2024.01.16 - South Landfill Phase 2 - SNEC CAP Mtg 1 R1.docx

From: Elizabeth Duguay <EDuguay@walkerind.com>
Date: Wednesday, January 31, 2024 at 10:33 AM
To: 'Peter Graham' <LRCs@sixnations.ca>, Darren Fry <DFry@walkerind.com>
Cc: Blair Shoniker <Blair.Shoniker@ghd.com>, Erika Brown <Erika.Brown@ghd.com>, Leticia Koole <LKoole@walkerind.com>
Subject: RE: Walker South Landfill Phase 2, draft Meeting #1 Notes

Good morning Peter,

The notes have been revised to reflect this edit.

Kind regards,
Elizabeth

From: Peter Graham <LRCs@sixnations.ca>
Sent: Wednesday, January 31, 2024 8:22 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>; Blair Shoniker <Blair.Shoniker@ghd.com>; Erika Brown <Erika.Brown@ghd.com>; Leticia Koole <LKoole@walkerind.com>
Subject: RE: Walker South Landfill Phase 2, draft Meeting #1 Notes

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Hi Darren,

Looks good. Just change Daylen Hill to Daylon Gee, Land Use Technician.

Yes, an hour seems sufficient for that. I'll have Dawn reach out to schedule a meeting.

Thank you, Peter

From: Darren Fry <DFry@walkerind.com>

Sent: Tuesday, January 30, 2024 4:40 PM

To: Peter Graham <L RCS@sixnations.ca>

Cc: Elizabeth Duguay <EDuguay@walkerind.com>; Blair Shoniker <Blair.Shoniker@ghd.com>; Erika Brown <Erika.Brown@ghd.com>; Leticia Koole <LKoole@walkerind.com>

Subject: [External] Walker South Landfill Phase 2, draft Meeting #1 Notes

Hello Peter,

Attached are some draft notes from our discussion on Jan. 16th. Please feel free to review and make sure we've captured the dialogue and questions correctly; happy to make any suggested edits.

As discussed, we'd like to schedule a follow-up meeting in mid-late Feb. if possible with a focus on closing out actions from the previous meeting, discussing the draft Terms of Reference in advance of its public release and build on the engagement/consultation discussion. I think 1 hour would be sufficient.

We can propose some dates or, if you would like to check with your team first, whatever works best.

Thanks again,
Darren

South Landfill Phase 2 EA – Meeting Notes

Six Nations of the Grand River – Elected Council

Consultation and Accommodation Process

Date: January 16, 2024

Time: 1:30 – 2:30pm

Location: 2498 Chiefswood Rd, Oshweken

Attendees:

Six Nations of the Grand River Elected Council (SNEC)

Consultation & Accommodation Process (CAP) Team Members

- Dawn Russell, Consultation Administrative Assistant
- Daylon Gee, Land Use Technician
- Lauren Vanderlingen, Wildlife & Stewardship Technician, Lands & Resources
- Lauren Jones, Wildlife and Stewardship Manager, Lands & Resources
- Lonny Bomberry, Lands & Resources Director
- Peter Graham, Consultation Supervisor, Land Use Unit
- Phil Monture, Land Rights Consultant
- Tayler Hill, Lands & Resources Assistant Director

Walker Environmental

- Elizabeth Duguay, Planning & Community Engagement Lead
- Darren Fry, Project Director (Not in attendance)

GHD

- Blair Shoniker, Senior Waste & Environmental Planner

Topics Discussed:

1. Introductions
2. Walker Environmental Overview
3. South Landfill Phase 2 – Project Introduction
4. Environmental Assessment & Approvals Process
5. Engagement & Consultation with Six Nations of the Grand River
6. Next Steps

Meeting Notes:

Questions/Comments (Actions/responses in italics)	Action
<p>Request to review ARA documentation for the existing Walker Brothers Quarry to obtain background information on the area, studies performed, mitigation measures, etc.</p> <p><i>Walker to provide SNEC CAP team with available approval/technical documentation.</i></p>	Walker
<p>Question regarding the volume incoming to South Landfill Phase 1 from Commercial & Institutional customers in the GTA.</p> <p><i>Approximately 50% of waste received is from the Niagara Region. The remainder is received from businesses, institutions, and surrounding communities primarily, but not limited to, the GTHA. Walker to provide a summary of the larger customers/haulers at next meeting.</i></p>	Walker
<p>Question regarding whether Walker has a diversion program currently in place for South Landfill Phase 1.</p> <p><i>Walker has several resource recovery (diversion) programs in-place at its Resource Management Campus for materials that can be economically recovered from incoming waste. Specifically, shingles are recovered and processed to make a sustainable aggregate product. Wood waste is recovered and processed to make multiple low carbon alternative fuel products for use in steel mills, cement kilns and other industrial appliances to reduce coal and pet coke use, resulting in lower GHG emissions.</i></p> <p><i>Additionally, Walker focuses on ‘source-separation’ where recyclables and organics are separated early in the waste management chain and before they are contaminated with other wastes which makes them challenging to recover and reuse. Walker is one of Canada’s largest resource recovery companies in Canada. In 2022, we recovered over 1,050,000 tonnes of resources and turned them into sustainable products.</i></p>	Walker (Complete)
<p>SNEC CAP team provided Walker with feedback on how the community would like to be engaged throughout the Environmental Assessment process:</p> <ul style="list-style-type: none"> • Avoidance first approach and use of the Mitigation Hierarchy • Going above and beyond Provincial/Federal mandate • Identification of species that are important to First Nations • Re-planting ratios are higher than municipal expectations (10:1 as an example) and deadfall is recommended at 1:1 • Conservative buffers are preferred (i.e., 60 metres from watercourses) and noted the proximity of 10-Mile Creek and the Welland Canal to the proposed South Landfill Phase 2 site 	-

Questions/Comments (Actions/responses in italics)	Action
<p>SNEC CAP team provided Walker with recommendations on best practices for site operations:</p> <ul style="list-style-type: none"> • Consider wildlife-friendly alternatives to chain link fence (which are typically used around landfill sites) • Litter mitigation is important • Use of bird and bat-friendly lighting (i.e., downcast lighting preferred) <p><i>Walker currently minimizes the use of chain-link fencing and uses fence types (i.e., post and smooth wire specified wire heights) that allow movement of wildlife throughout its Campus.</i></p> <p><i>Walker employs a full-time litter collection staff around the Campus. The litter staff routinely operate offsite and at the request of neighbours to pick up non-Walker litter (i.e., illegal dumping, etc.).</i></p> <p><i>Walker will review its site lighting infrastructure and identify opportunities (where they may exist) for low light pollution lighting arrangements.</i></p>	Walker
<p>Comment that SNEC CAP team is pleased with cumulative effects approach proposed by Walker for the South Landfill Phase 2 EA</p>	-
<p>SNEC CAP team provided Walker with EA accommodation rates:</p> <ul style="list-style-type: none"> • \$1,250 per meeting • \$125 per hour for document review <p><i>Walker agreed and will provide travel disbursements/accommodations for any site visits/meetings (as it does with other Indigenous communities).</i></p>	-
<p>Walker to explore with SNEC CAP team training and job opportunities that may come from the South Landfill Phase 2 project.</p> <p><i>Walker will explore Indigenous business procurement opportunities as well.</i></p>	-
<p>SNEC CAP team mentioned working with the Kayanase Greenhouse on restoration/rehabilitation needs.</p> <p><i>Walker has worked closely with Kayanase for over 10 years including providing Carolinian tree saplings for nurse stock, purchasing regionally native trees for restoration works, and exploring the use of food waste compost for potting mixes. Walker will continue its relationship on future projects.</i></p>	-
<p>SNEC CAP team will provide their preference on restoration planning and a tree/plant list with species of importance to Indigenous peoples.</p>	SNEC CAP (complete)

Questions/Comments (Actions/responses in italics)	Action
<p>SNEC CAP team expressed interest in a tour of Walker’s Niagara Resource Management Campus, as well as the proposed Upper’s Quarry site in Spring/Summer 2024</p> <p><i>Walker to organize a tour.</i></p>	Walker
<p>SNEC CAP team suggested accommodation to be discussed further with respect to their current waste contract and rates with Walker.</p> <p><i>Walker agreed and will schedule a meeting with SNEC Public Works and CAP team to discuss further.</i></p>	Walker
<p>SNEC CAP team provided several comments on Walker Aggregates’ Uppers Quarry proposal.</p> <p><i>Walker shared this feedback with Kevin Kehl, Project Manager and will have him follow up directly with the CAP team.</i></p>	Walker (Complete)

End of notes.

Thursday, February 8, 2024 at 10:55:04 Eastern Standard Time

Subject: FW: Walker South Landfill Phase 2, Draft Meeting #1Notes
Date: Friday, February 2, 2024 at 9:47:50 AM Eastern Standard Time
From: Leticia Koole
To: Dawnrussell@sixnations.ca
CC: Darren Fry
Attachments: image001.png

Hi Dawn,

We are available to meet on Wednesday, February 7 at 1:30 pm for an in-person meeting at your office.

Would you like me to send out an official meeting invite?

Thank you,
Leticia

From: Dawn Russell <dawnrussell@sixnations.ca>
Sent: Thursday, February 1, 2024 10:53 AM
To: Darren Fry <DFry@walkerind.com>
Subject: Walker South Landfill Phase 2, Draft Meeting #1Notes

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Good morning Darren,

On behalf of Six Nations of the Grand River Elected Council (SNGREC) Lands and Resources Department Consultation and Accommodation Process (CAP) Team we are available to engage in further discussion:

Wednesday, February 7th at 1:30pm

Friday, March 15th at 1:30pm

Tuesday, March 19th at 10am

Please advise what works best for you at your earliest convenience and define your preference for an in-person or virtual meeting. If the latter please send an invitation to confirm.

Nya:weh (Thank you) and have a great day!

Dawn Russell
Consultation Administrative Assistant
Six Nations of the Grand River Elected Council Lands and Resources Department
dawnrussell@sixnations.ca
519-753-0665 ext. 5422

Thursday, February 8, 2024 at 10:50:00 Eastern Standard Time

Subject: FW: Walker Industries - South Landfill Phase 2
Date: Tuesday, February 6, 2024 at 3:16:45 PM Eastern Standard Time
From: Elizabeth Duguay
To: South Landfill Phase 2
Attachments: 2024.02.07 - South Landfill Phase 2 EA - SNGR Mtg 2 - Agenda.pdf

From: Elizabeth Duguay
Sent: Tuesday, February 6, 2024 3:16 PM
To: 'dawnrussell@sixnations.ca' <dawnrussell@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Tayler Hill <tayler.hill@sixnations.ca>; Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Peter Graham <LRCS@sixnations.ca>; Daylon Gee <lrluo2@sixnations.ca>; Lauren Jones <laurenjones@sixnations.ca>; Lauren Vanderlingen <wsma@sixnations.ca>; Darren Fry <DFry@walkerind.com>; Leticia Koole <LKoole@walkerind.com>
Subject: RE: Walker Industries - South Landfill Phase 2

Hello,

Kindly find attached the proposed agenda for tomorrow's meeting.

Please let me know if you'd like me to add any additional items for discussion.

Best,
Elizabeth

-----Original Appointment-----

From: dawnrussell@sixnations.ca <dawnrussell@sixnations.ca>
Sent: Friday, February 2, 2024 3:48 PM
To: dawnrussell@sixnations.ca; Elizabeth Duguay; Lonny Bomberry; Tayler Hill; Tanya Hill-Montour; Peter Graham; Daylon Gee; Lauren Jones; Lauren Vanderlingen; Darren Fry; Leticia Koole
Subject: Walker Industries - South Landfill Phase 2
When: Wednesday, February 7, 2024 1:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Dajoh Youth and Elders Centre - Cayuga Room

From: Dawn Russell <dawnrussell@sixnations.ca>
Date: Friday, February 2, 2024 at 3:21 PM
To: Lonny Bomberry <lonnybomberry@sixnations.ca>, Tayler Hill <tayler.hill@sixnations.ca>, Tanya Hill-Montour <tanyahill-montour@sixnations.ca>, Peter Graham <LRCS@sixnations.ca>, Daylon Gee <lrluo2@sixnations.ca>, Lauren Jones <laurenjones@sixnations.ca>, Lauren Vanderlingen <wsma@sixnations.ca>, Darren Fry <DFry@walkerind.com>, Leticia Koole <LKoole@walkerind.com>

Subject: Walker Industries - South Landfill Phase 2

1738 Fourth Line (West of Chiefswood Road - Six Nations Sports and Cultural Memorial Centre)
In the heart of the Village of Ohsweken
In-Person Meeting

South Landfill Phase 2 EA

Six Nations of the Grand River Meeting #2

Agenda

Date: February 7th, 2024
Time: 1:30 – 3:00 pm
Location: 1738 4th Line, Ohsweken, ON N0A 1M0

Invitees (Walker):
 Darren Fry Elizabeth Duguay

Invitees (SNGR):
 Dawn Russell Daylon Gee Lauren Jones Lauren Vanderlingen
 Lonny Bomberry Peter Graham Tanya Hill-Montour Tayler Hill

Meeting Agenda

1. Action Item Review
2. Update on Terms of Reference Timelines
3. Consultation, Engagement & Accommodation Discussion
4. Other

Action Items

From January 16th, 2024 meeting.

Action	Responsible	Response
Provide SNEC CAP team with available approval/technical documentation on Walker Brothers Quarry.	Walker	In progress.
Provide a summary of the South Landfill’s larger customers/haulers.	Walker	To be discussed at 2024-02-07 meeting.
Review site lighting infrastructure at Niagara Campus and identify opportunities (where they may exist) for low light pollution lighting arrangements.	Walker	In progress. EA Team will connect with Operations and Property Management to discuss further.
Schedule meeting with SNEC Public Works and CAP team to discuss existing SNGR waste contract and rates.	Walker	To be discussed at 2024-02-07 meeting.
Organize a tour of the Niagara Resource Management Campus.	Walker	A tour will be scheduled for Spring/Summer 2024.



Subject: Walker South Landfill Phase 2 EA - February 7, 2024 Meeting Notes
Date: Tuesday, February 20, 2024 at 5:10:45 PM Eastern Standard Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: Dawn Russell <dawnrussell@sixnations.ca>, 'lonnybomberry@sixnations.ca'
<lonnybomberry@sixnations.ca>, Tayler Hill <tayler.hill@sixnations.ca>, Peter Graham
<LRCS@sixnations.ca>, Lauren Vanderlingen <wsma@sixnations.ca>
CC: Darren Fry <DFry@walkerind.com>, Tanya Hill-Montour <tanyahill-montour@sixnations.ca>, Daylon
Gee <lrluo2@sixnations.ca>, Lauren Jones <laurenjones@sixnations.ca>
Attachments: 2024.02.07 - South Landfill Phase 2 EA - SNGR Mtg 2 - Notes.pdf

Hello All,

Please find attached the notes from our February 7, 2024 meeting.

If you have any questions or comments upon your review of the attached, please do not hesitate to reach out.

Kind regards,
Elizabeth

South Landfill Phase 2 EA

Six Nations of the Grand River Meeting #2

Date: February 7th, 2024
Time: 1:30 – 3:00 pm
Location: 1738 4th Line, Ohsweken, ON N0A 1M0

Attendees:

Six Nations of the Grand River (SNGR)

- Dawn Russell, Consultation Administrative Assistant
- Lauren Vanderlingen, Wildlife & Stewardship Technician, Lands & Resources
- Lonny Bomberry, Lands & Resources Director
- Michael Montour, Director of Public Works
- Peter Graham, Consultation Supervisor, Land Use Unit
- Tayler Hill, Lands & Resources Assistant Director

Walker

- Darren Fry, Project Director
- Elizabeth Duguay, Planning & Community Engagement Lead

Topics Discussed:

1. Action Item Review
2. Update on Terms of Reference Timelines
3. Consultation, Engagement & Accommodation Discussion
4. Other

Meeting Notes:

Comments/Questions (<i>Actions in italics</i>)	Action
SNGR clarified that document review and meeting fees for Indigenous Communities are prescribed by MECP. Walker agreed and stated mileage would also be covered for meetings/future Walker Campus visits.	
Walker reviewed action items from January 16, 2023 meeting. Appendix A includes a table of these items.	
<u>Item #1 – Walker Brothers Quarry Documentation</u> SNGR clarified that they are interested in the following information: <ul style="list-style-type: none">• Baseline ecological conditions pre-quarry• Archaeology studies conducted at the site• Existing rehabilitation plan for the quarry	Walker



South Landfill Phase 2 EA
SNGR Meeting #2

Comments/Questions (Actions in <i>italics</i>)	Action
<i>Walker to retrieve available information.</i>	
<p><u>Item #2 – Walker’s Major Customers</u> Walker indicated that approximately 50% of waste received at the South Landfill is Niagara-based and that continuing to service this region including its future growth is a priority.</p> <p>The remaining customers are from surrounding communities (Hamilton, the GTHA, and SNGR). SNGR is the furthest customer west and the furthest east is the middle of Toronto.</p>	
<p><u>Item #3 – Site Lighting Infrastructure</u> Walker confirmed that the existing South Landfill does not operate at night and that the same will apply for Phase 2; however there may be security lighting, which Walker will design to be bird and bat friendly.</p> <p><i>Walker to connect with Walker Property Management to communicate lighting objectives at existing Campus and any maintenance/new lighting should be bat/bird friendly.</i></p>	Walker
<p><u>Item #4 – SNGR Accommodation Discussion</u> Walker and SNGR discussed the current waste management services it provides for SNGR. They discussed opportunities to implement an organics program (i.e. advisory support, composting services, etc.)</p> <p>Other opportunities for accommodation were discussed, including:</p> <ul style="list-style-type: none"> • Indigenous jobs/careers • Training & co-op placements • Indigenous businesses procurement • Supporting clean/drinking water infrastructure investment through monetary donations and/or by providing materials (e.g., stone) • Support/Involvement at community events <p>SNGR provided Walker with a copy of their 2023 Business Directory. Additionally, SNGR suggested that Walker get in touch with the following organizations to discuss jobs/careers/training/co-ops: Grand River Post Secondary Education Office, Grand River Employment and Training, Brantford Regional Indigenous Support Centre, and the Niagara Region Native Centre.</p>	Walker
<p><u>Item #5 – Campus Tour</u> No update. To be scheduled in Spring/Summer 2024. To include a visit of Walker proposed Uppers Quarry.</p>	Walker
<p>Walker provided an update on project timelines.</p> <ul style="list-style-type: none"> • Draft Terms of Reference will be released on March 7, 2024 • Final Terms of Reference submission on May 31, 2024 <p>Walker communicated that there will be a 45-day review period for the Draft Terms of Reference and asked SNGR whether this timeframe is</p>	

South Landfill Phase 2 EA
SNGR Meeting #2

Comments/Questions (<i>Actions in italics</i>)	Action
reasonable. SNGR confirmed that 45 days will be sufficient to review and comment on the draft.	
Walker asked SNGR whether they had any further feedback/input on consultation, engagement, and accommodation. SNGR indicated that they were thankful that Walker got in touch early and for discussing various initiatives.	
Re-naturalization of lands surrounding Walker’s Niagara Resource Management Campus was discussed. Specifically, SNGR recommended that Walker reach out to Kayanase for partnership opportunities (i.e., seed collection, advisory role, etc.). SNGR also suggested that Walker consider the removal of invasives species at/surrounding the Campus. <i>Walker to reach out to Kayanese and explore opportunities for invasive species removal.</i>	Walker

End of notes.

Attachements

- Appendix A: Action Items

Appendix A

#	Action	Responsible	Response
1	Provide SNEC CAP team with available approval/technical documentation on Walker Brothers Quarry.	Walker	In progress.
2	Provide a summary of the South Landfill's larger customers/haulers.	Walker	To be discussed at 2024-02-07 meeting.
3	Review site lighting infrastructure at Niagara Campus and identify opportunities (where they may exist) for low light pollution lighting arrangements.	Walker	In progress. EA Team will connect with Operations and Property Management to discuss further.
4	Schedule meeting with SNEC Public Works and CAP team to discuss existing SNGR waste contract and rates.	Walker	To be discussed at 2024-02-07 meeting.
5	Organize a tour of the Niagara Resource Management Campus.	Walker	A tour will be scheduled for Spring/Summer 2024.

Subject: RE: Walker South Landfill Phase 2 - Draft Terms of Reference
Date: Wednesday, February 28, 2024 at 10:48:31 AM Eastern Standard Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'Peter Graham' <LRCS@sixnations.ca>
CC: Leticia Koole <LKoole@walkerind.com>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg

Wonderful, thank you Peter.

Best,
Elizabeth

From: Peter Graham <LRCS@sixnations.ca>
Sent: Wednesday, February 28, 2024 10:46 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Leticia Koole <LKoole@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: RE: Walker South Landfill Phase 2 - Draft Terms of Reference

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Good morning Elizabeth,

Thank you for asking. Please also send the document to our Laurens (laurenjones@sixnations.ca; wsma@sixnations.ca). We don't need hardcopies.

Best, Peter

From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Wednesday, February 28, 2024 9:24 AM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Leticia Koole <LKoole@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: [External] Walker South Landfill Phase 2 - Draft Terms of Reference

Good morning Peter,

I hope all is well with you.

As discussed in our last meeting, we will be releasing a draft of the Terms of Reference for South Landfill Phase 2 next Thursday, March 7th.

Ahead of the release, I wanted to confirm who, in addition to yourself, should be receiving this document. Additionally, would you like us to provide any hardcopies?

Kindest regards,
Elizabeth

Elizabeth Duguay
Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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Subject: Walker South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference
Date: Thursday, March 7, 2024 at 3:34:25 PM Eastern Standard Time
From: South Landfill Phase 2 <info@southlandfillphase2.com>
To: Peter Graham <LRCS@sixnations.ca>
CC: Lauren Jones <laurenjones@sixnations.ca>, Lauren Vanderlingen <wsma@sixnations.ca>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: South Landfill Phase 2 Environmental Assessment - Draft Terms of Reference - Letter (SNGR).pdf

Hello,

This email is to notify you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment (EA) is now available for review and comment from Government Review Agencies, Indigenous communities and agencies, the public, and other interested persons. The attached includes a cover letter with additional details.

The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking this [LINK](#). The documentation includes three (3) files as described below:

- Draft Terms of Reference – 2024.03.07;
- Draft Terms of Reference – Supporting Document – 2024.03.07; and
- Draft Terms of Reference – Record of Consultation – 2024.03.07

**** Note: The link will be active for 12 days from the date of this email. ****

We ask that comments on the draft ToR be submitted directly to info@southlandfillphase2.com by April 22, 2024.

Should you have any questions, please do not hesitate to reach out to our team.

Sincerely,

South Landfill Phase 2 EA Project Team
Phone: 1-866-699-9425
Email: info@southlandfillphase2.com
Website: southlandfillphase2.com

March 7, 2024

Peter Graham
Consultation Supervisor, Land Use Unit
Six Nations Lands and Resources – Six Nations Council
2498 Chiefswood Road, P. O. Box 5000
Ohsweken, ON NOA 1M0
LRCS@sixnations.ca

Dear Peter,

**Subject: Draft Terms of Reference Available for Review
Walker Environmental Group – South Landfill Phase 2 Environmental Assessment**

On behalf of Walker Environmental Group (Walker), we are pleased to inform you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment is now available for review and comment, and we are seeking your input.

On November 30, 2023, Walker initiated an Environmental Assessment (EA) under the *Environmental Assessment Act* to develop the next phase (Phase 2) of the South Landfill at our Niagara Resource Management Campus. Phase 2 will allow Walker to continue to provide the Niagara region and surrounding communities with safe, responsible, and reliable waste management services for the next 20 years.

The ToR is the first step in the EA process. It serves as the roadmap for what will be studied during the subsequent EA phase and outlines the consultation activities that will take place. Since the announcement of the EA, Walker has engaged and consulted with local residents, government agencies, Indigenous communities, and interested parties to gather initial feedback on the proposal. This input has been carefully considered and incorporated into a draft version of the ToR.

We invite you to review the draft ToR and ask that any comments be submitted directly to info@southlandfillphase2.com by April 22, 2024. The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking the following [LINK](#).

All comments received will be reviewed and considered in the preparation of the final ToR, to be submitted for approval by the Minister of the Environment, Conservation and Parks.

We value your input and look forward to receiving your feedback on the draft ToR for the South Landfill Phase 2 EA. If you have any questions, comments, concerns, or would like to schedule a meeting please contact the undersigned directly or visit our project website at southlandfillphase2.com to learn more.

Sincerely,



Darren Fry, Project Director

Phone: 1-866-699-9425

Email: info@southlandfillphase2.com

Website: southlandfillphase2.com

cc: Lauren Jones, Wildlife and Stewardship Manager, Lands & Resources
Lauren Vanderlingen, Wildlife and Stewardship Technician, Lands & Resources

Subject: RE: South Landfill Phase 2 Draft ToR - Checking In
Date: Wednesday, May 8, 2024 at 5:36:44 PM Eastern Daylight Saving Time
From: Elizabeth Duguay <EDuguay@walkerind.com>
To: 'Peter Graham' <LRCS@sixnations.ca>
CC: Darren Fry <DFry@walkerind.com>, South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg

Hi Peter,

Thank you for providing us with an update.

Have a nice evening.
Elizabeth

From: Peter Graham <LRCS@sixnations.ca>
Sent: Wednesday, May 8, 2024 12:17 PM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: RE: South Landfill Phase 2 Draft ToR - Checking In

Good afternoon Elizabeth,

I just checked in with our wildlife unit and they said they'd have it in for May 14th at the latest.

Thank you, Peter

From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Wednesday, May 8, 2024 11:45 AM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: [External] RE: South Landfill Phase 2 Draft ToR - Checking In

Good morning Peter,

I hope you're doing well.

Further to your email below – could you kindly provide us with an update on the status of wildlife's review of the draft ToR?

Thank you,
Elizabeth

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, April 9, 2024 10:36 AM
To: Elizabeth Duguay <EDuguay@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>

Subject: RE: South Landfill Phase 2 Draft ToR - Checking In

Good morning Elizabeth,

No worries. I hope you enjoyed the conference.

Thank you for being flexible. I told wildlife to aim for May 6 and that May 13 would be the latest day they could submit.

Best, Peter

From: Elizabeth Duguay <EDuguay@walkerind.com>

Sent: Tuesday, April 9, 2024 10:16 AM

To: Peter Graham <LRCS@sixnations.ca>

Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>

Subject: [External] RE: South Landfill Phase 2 Draft ToR - Checking In

Good morning Peter,

Apologies for the delay in getting back to you – I was away at a conference for the better part of last week.

While we won't be extending the comment deadline for the general public, we're happy to accommodate your team's request.

Our goal is to submit a Final ToR to the MECP by the end of May. If we can help facilitate your team's review in any way (i.e., meet with wildlife office and walk through any questions/comments together), please let us know.

Kindest regards,
Elizabeth

From: Peter Graham <LRCS@sixnations.ca>

Sent: Tuesday, April 2, 2024 12:55 PM

To: Elizabeth Duguay <EDuguay@walkerind.com>

Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>

Subject: RE: South Landfill Phase 2 Draft ToR - Checking In

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Hi Elizabeth,

Our wildlife office is asking if there's any flexibility with the deadline. I'm guessing they'd like it two weeks later. Please let me know.

Thank you, Peter

From: Elizabeth Duguay <EDuguay@walkerind.com>
Sent: Wednesday, March 27, 2024 3:59 PM
To: Peter Graham <L RCS@sixnations.ca>
Cc: Darren Fry <DFry@walkerind.com>; South Landfill Phase 2 <info@southlandfillphase2.com>
Subject: [External] South Landfill Phase 2 Draft ToR - Checking In

Hi Peter,

I hope all is well with you.

I'm reaching out as it's been a few weeks since the release of the draft Terms of Reference for our South Landfill Phase 2 project and I wanted to check in to see whether you and/or your team had any initial questions, comments, or feedback on the document.

Happy to chat over the phone or schedule a follow-up meeting if needed.

Kindest regards,
Elizabeth

Elizabeth Duguay
Planning & Community Engagement Lead
Environmental Division

C: 289-257-1680
Toll free: 866-694-9360
www.walkerind.com



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Subject: FW: South Landfill Phase 2 ToR Review
Date: Wednesday, May 22, 2024 at 3:10:42 PM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image003.jpg, image004.png, image005.png

RoC Indigenous

From: Peter Graham <LRCS@sixnations.ca>
Sent: Wednesday, May 22, 2024 12:42 PM
To: Darren Fry <DFry@walkerind.com>; Lauren Vanderlingen <wsma@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: South Landfill Phase 2 ToR Review

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Hi Darren,

Thank you for your kind offer. I'm forwarding this to my colleague Dawn Russell, who will get in touch about scheduling.

Best, Peter

From: Darren Fry <DFry@walkerind.com>
Sent: Wednesday, May 22, 2024 9:10 AM
To: Lauren Vanderlingen <wsma@sixnations.ca>; Peter Graham <LRCS@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: [External] RE: South Landfill Phase 2 ToR Review

Hello Lauren and Peter,

Thank you for the insightful and detailed comments on the draft Terms of Reference (ToR) for Phase 2 of the South Landfill. We are carefully reviewing your comments, preparing responses and incorporating this input into the ToR.

When we last met, we discussed hosting a site tour of our existing Resource Management Campus and proposed Phase 2 site when the weather warms up. We would like to see if you and other CAP team members would be interested. We could tour the Campus, enjoy lunch together and then have a general discussion on key themes arising from your comments.

While we are preparing detailed responses to each comment, I think a tour and discussion would provide additional context, help answer key questions, capture more information/ideas on opportunities and further incorporate Indigenous perspective into the project (and our current operations).

Let me know. Walker will accommodate CAP members for their time and mileage.

Many thanks,
Darren

Darren Fry, A.Sc.T
Project Director
Environmental Division

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C: 905-329-4265
Toll free: 866-694-9360
www.walkerind.com



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From: Lauren Vanderlingen <wsma@sixnations.ca>
Date: Tuesday, May 14, 2024 at 7:03 AM
To: South Landfill Phase 2 <info@southlandfillphase2.com>
Cc: Lauren Jones <laurenjones@sixnations.ca>, Peter Graham <L RCS@sixnations.ca>
Subject: South Landfill Phase 2 ToR Review

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Hello Walker Team,

The Six Nations Wildlife and Stewardship office has reviewed the Draft Terms of Reference for the South Landfill Phase 2 expansion.

The attached document contains our comments.

Thank you for meeting with the Six Nations CAP team and receiving our input on this document.

Additionally, I have attached the Six Nations Wildlife and Stewardship Office's Draft Plant List. I hope it proves to be a valuable resource for Walker when looking to complete Environmental Assessments/species lists, when making decisions for future site locations, and for site plantings or restoration purposes.

I just wanted to highlight the precautionary statement that is at the top of the chart:
The chart is a "best approximation" of plant species that may be of interest and importance to the

community of Six Nations. This is intended to be a living document. It should not be considered a complete guide or sole reference when considering traditional plant species. Please consult additional reputable resources to ensure correct identification of species in the field. It is still in draft form, pending more input from the community.

This list should not be made public, but rather kept for internal reference and decision making.

If you have any questions or concerns please do not hesitate to reach out.

We look forward to the response from you and your team and continuing to build a strong relationship with the Walker team.

Have a great rest of the week!

Sincerely,

Lauren Vanderlingen,

Wildlife and Stewardship Technician, Lands and Resources
Six Nations of the Grand River Elected Council

P (519) 445-0330 ext. 5430

A 1721 Chiefswood Road (P.O. Box 5000), Ohsweken, ON, N0A 1M0

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Summary of Comments on Draft Terms of Reference - 2024.03.07

Page: 9

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:03:34PM

What hazardous or negative environmental by-products come from the processing of Landfill gas (methane, CO2, VOCs, dioxins, furans etc) into RNG?

Six Nations Wildlife and Stewardship Office (SNWSO) sees the benefits to processing methane to RNG, rather than directly emitting methane into the atmosphere; however the process of doing so raises the question of 'how truly beneficial is this practice' ?

The primary and secondary treatments involve the removal siloxane/sulfur, carbon dioxide, nitrogen, and VOCs as waste products, then these waste-chemicals are sent to high temperature flares or thermal oxidizers for 'decomposition.' How much heat does this process release into the atmosphere? How safe, for both humans and the environment, is the release of these decomposed waste-chemicals?

While this process sounds like standard procedure, it is still concerning from the Indigenous Perspective, that we are releasing decomposed toxins that could have negative consequences for the air we breathe.

Are there any filtration systems that could be used to eliminate the release of these toxins? Would Walker consider investing in the technological development of such a filtration system (if one does not already exist)?

Reference:

Environmental Protection Agency. (2024). Basic Information about Landfill Gas. <https://www.epa.gov/lmop/basic-information-about-landfill-gas#:~:text=Instead%20of%20escaping%20into%20the,smog%20and%20global%20climate%20change>.

T Author: wsma Subject: Highlight Date: 2024-05-10, 12:42:07PM

How long does Walker expect it will take to process up to 90,000 tonnes of source separated organic waste ? 10 years or more?

Will the organic waste processing end after the 90,000 tonnes is reached or can this facility apply to process beyond that tonnage?

Is the Phase 2 South Landfill required to continue the source separated organic waste processing? Or could this program continue without the Phase 2 expansion?

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:04:30PM

Will Phase 1 South Landfill be converted to agricultural fields shortly after the capacity is reached?
Or will the Phase 1 lands remain functional/open until the Phase 2 lands reach their capacity?

While the idea of converting the landfill into a agricultural field seems risky in terms of the health and quality of the crops to be eaten; it is seemingly a better use of the lands compared to building a large industrial building on top.

Does Walker have any studies on this type of project (ex. in partnership with the University of Guelph agricultural science program) that discuss the environmental benefits and the health of the crops grown? It would be interesting to see the rates of phyto-remediation, and the toxins vs nutrients available from the crops.

T Author: wsma Subject: Highlight Date: 2024-05-10, 12:47:04PM

What type of external lighting is used at the South Landfill facilities?

SNWSO encourages the proponent to take every opportunity available to minimize their impact to wildlife. The proponent should ensure that any roadway/ facility lighting is coned so that there is no upwards glare to disrupt bat (or night-bird) flight patterns. Spolstra, et al., (2017) suggest that lights that use a red hue rather than a white or blue/green hue are less disruptive for bat flight patterns.

SNWSO asks that the proponent update the current facilities lighting and implement red-hued and coned lighting at the new facility.

Reference:

Spoelstra, K., et al., (2017). Response of bats to light with different spectra: light-shy and agile bat presence is affected by white and green, but not red light. *Proceedings of the Royal Society: Biological Sciences*, 284(1855). <https://doi.org/10.1098/rspb.2017.0075>

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:05:33PM

Is this double composite liner system periodically inspected to ensure that it is functioning as intended (ex. no cracks in the concrete or swelling of materials)?

SNWSO understands that the facility has contingency measures in place to protect groundwater supplies, however, how often are these contingency systems inspected? What emergency measures are in place should any of the contingency measures fail?

The more frequently these contingency measures are inspected, the more opportunity there is for fast intervention, and environmental remediation. SNWSO encourages a daily (or more) inspection to protect the environment and groundwater supplies.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:07:20PM

SNWSO understands that economic viability is important for all levels of society from the average family household to the larger industrial waste-generators. However, it is disappointing that money is prioritized over the health and wellbeing of the lands in which we depend on for survival.

The Environment would thrive without humans; but we cannot survive without a healthy environment.

The Indigenous perspective (IP) tends to be more holistic, and understands that all species or non-human beings (wildlife, plants, the skies, waters, the land) all serve a purpose and are all worthy of protection. We as humans are no more or less important than the non-human beings. IP advocates for society go above and beyond legislative requirements in order to leave the environment better off than it was before. From the IP we are obligated to the future, we are obligated to ensure that there is a healthy environment for future generations to live, play, and enjoy.

Does Walker advocate for increased waste diversion at the source (reduce, reuse, recycle programs), or try to make the waste-diversion more economically viable for generators? Does Walker provide any incentive for source waste diversion, ex. discounted rates for drop off should the waste-generators prove their increased diversion rates?

T Author: wsma Subject: Highlight Date: 2024-05-10, 12:53:34PM

After the initial Waste profile is created: How often is the waste requiring disposal randomly analyzed by environmental technicians and the labs?

SNWSO encourages landfill operations to conduct random sampling frequently (ideally it would be every drop-off), to ensure that no toxic/hazardous waste is slipping through the cracks and entering the landfills.

While this may not be economically viable and would inevitably slow down operations, it would be ensuring due-diligence is conducted, and would be going above and beyond for environmental protection.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:08:33PM

What happens after a Waste Rejection Report is issued? Are the the waste-generators required to come pick the material up? Is a fine issued?

How is this rejected waste handled? Is the waste taken to an appropriate disposal facility?

What, if any, enforcement is used to ensure that the rejected waste ends up at the appropriate facility rather than left at South Landfill or worse, illegally dumped.

T Author: wsma Subject: Highlight Date: 2024-05-08, 7:41:00PM

Please explain the logistics of this caveat.

Does this refer to trucks that were already weighed on site, within the same trip/facility entry?

What if a truck is weighed (ex. 10am), and within the same day the truck comes back with a second load of waste (11:30am)? Will this truck be weighed again?

Why not just weigh every truck that comes to the facility, without this caveat?

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:11:05PM

Do the trucks wait for their waste to be sampled and for test approval (pass) before leaving the site?


If the trucks are allowed to leave the site, in theory the damage is already done. The unacceptable or non-compliant materials are already on site, and could already be leaching or emitting toxins. Especially, if the non-compliant material is well hidden (or liquid waste) during the landfill operators examination of the tipping/unloading of the truck.

How does Walker proceed with the dropped off load, the truck operator, and the waste-generator if the load is found to be non-compliant?

T Author: wsma Subject: Highlight Date: 2024-05-10, 1:01:49PM

Are the trucks still on site while materials are spread in even lifts?

Again, what enforcement is taken to ensure that the generators/trucks of the non-compliant waste come back to pick up their waste and dispose of it appropriately? What if no one comes back to deal with their non-compliant waste?

 Author: wsma Subject: Highlight Date: 2024-05-08, 7:41:49PM

How many more tonnes will Walker Landfill be able to manage and process on the Phase 2 lands?
How much more organic waste (compost) could be created?

How many homes could be powered by the additional landfill space and the conversion of LFG to RNG? How many more megawatts of electricity will be created using LFG-to-Energy?

How many more jobs will be created/maintained by the expansion into phase 2 lands (beyond the current 500+)?


T Author: wsma Subject: Highlight Date: 2024-05-10, 1:08:51PM

Has this alternative, to increase the capacity of the phase 1 landfill, been explored? If not, why?
Are there any risks associated with expanding the capacity of the Phase 1 lands?

Rather than expanding into phase 2 land, and taking up more land space, why not increase the density or capacity of the existing phase 1 site?

While SNWSO are not experts in waste management, this seems like a legitimate alternative to the phase 2 expansion.

The Phase 2 quarry lands could instead be remediated, and used for environmental mitigation and offset (i.e using the separated organic waste/compost to create wildlife habitat and used for tree planting/ Phyto-remediation etc.) .


 Author: wsma Subject: Highlight Date: 2024-05-09, 12:32:55PM

Since Walker takes only nonhazardous materials that come from residential and IC&I sectors, is there asbestos tests/monitoring?

Shingles have been mentioned for recycling programs, but what about other housing/construction materials that may be coming from demolitions/ home remodels?

Shingles and other construction materials can contain asbestos, which would be a hazardous material.

What hazardous materials are tested for during the drop off compliance testings?

 Author: wsma Subject: Highlight Date: 2024-05-08, 7:42:14PM

Again, why can't the existing south landfill (phase 1 lands) be altered to accommodate the capacity expansion of 18.8 million m3?

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:14:19PM

SNWSO suspects that majority of the above infrastructure and environmental control measures will require expansion/upgrades to reach the Phase 2 lands. Is Walker prepared to go above and beyond to ensure greater environmental protection during the design of phase 2 (compared to what exists for phase 1)?

T Author: wsma Subject: Highlight Date: 2024-05-10, 1:12:53PM

SNWSO loves that buffers/setbacks, and leachate generation rates are being measured and considered.

Typically SNWSO asks for a buffer of 60m from wetlands/waterbodies (Welland Canal, Ten Mile Creek, Shriners Creek Wetland Complex), woodlands, wildlife habitats, or any natural feature. This 60m is used as a minimum, if it is possible for Walker to create a larger buffer, please do so. Having a larger buffer would allow Walker's operations to align with their EARTH 1st Philosophy and "empower Walker to go beyond compliance and move towards higher environmental standards."

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:15:38PM

Since the area is 'relatively porous' it seems that if leachate were to escape leachate collection system (LCS) there would be a high rate of infiltration into the ground water table.

Despite the natural salinity and the non-potable status of the groundwater, the consequences of the leachate filtrating into the groundwater could be detrimental for the surrounding soil and water quality. As any leachate leaks will not strictly impact the SSA, there could be far reaching and negative cumulative impacts to the LSA (and beyond) such as reducing sensitive species habitat and diminishing biodiversity. The nearby agricultural fields, woodlots, or surrounding waterbodies (Ten Mile Creek, Welland Canal, Shriners Creek Wetland Complex) could be negatively impacted by any leachate leaking.

How often is the LCS (including the settling ponds) monitored for leaks, breaches, and for toxicity levels? Are there any contingency plans should the leachate ever escape the collection/treatment system?

Out of curiosity, how might the organic waste (compost) impact the toxic leachates' influence on soil quality? Would the organic matter absorb and 'trap' the movement of leachate; could the organic matter neutralize the leachate toxins?

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:05:06AM

This suggests that any contaminants that escape the LCS may have the ability to travel to other sensitive features in the surrounding area (i.e spring fed ponds, wetlands, woodlots, Welland Canal).

Again, does Walker have contingency plans for mitigation and remediation should the LCS fail?

T Author: wsma Subject: Highlight Date: 2024-05-10, 3:32:26PM

Please explain what 'appropriate conditions' would be.

SNWSO does not believe leachate should be discharged into any surrounding waterbody. Even if the leachate was rated "clean" by Provincial Water Quality Standards (PWQS).

From the Indigenous Perspective the PWQS is not strict enough. With the future generations in mind, we should not aim to pollute within specific parameters deemed "safe," instead we should aim to not pollute the waters at all. Society should aim to maintain the water quality that was present pre-settlement/ pre-colonialism. As the cumulative effects/long-term impacts from even minor pollutant releases into water is poorly understood. Only recently has society realized the detrimental impacts of legacy pollutants; 20 years from now we may realize what we release today is just as problematic.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:16:54PM

If under current conditions the surface water flows north to Lake Ontario, it is possible that water from the landfill may find it's way to these sensitive water features north of the SSA.

How often is the proponent ensuring that the LCS is functioning as intended and tested for toxicity levels?

Has the LCS ever been overwhelmed and breached during extreme weather events? Is the LCS designed to handle a 100-year storm? Could the LCS handle a Hurricane Hazel event or a similar precipitation event?

It important to SNWSO that if the phase 2 expansion proceeds, it is designed with every possible environmental protection measure, and considers how climate change may impact current design standards. SNWSO encourages Walker to go above and beyond.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:20:47AM

What is the discharge criteria?

Please see previous comment regarding the PWQS. Please try to avoid releasing any toxins, or excessive nutrients into the surrounding waterbodies and the ditches. Regardless if the leachate is rated "safe" by water quality standards, adding extra nutrients or toxins to our water is not appropriately caring for our Mother Earth.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:18:08PM

Is it possible that the existing WEG Drainage system lines could act as a wildlife corridor through the landscape?

SNWSO is unsure if Walker owns the lands above this pipe system, or the ownership logistics of this process. But if it is possible, Walker could plant vegetation and trees along this pipe's pathway, and create a refugee for wildlife transversing through the landscape. Creating a wildlife corridor would be a great measure in term of offsetting Walkers impact on the broader landscape.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:24:55AM

If SNWSO understands correctly, all the surface water is collected from East and South Quarries/landfills and enters the WDS, and is discharged into the Welland Canal, or roadside ditch. Or the surface runoff is collected in SWMP (for solids to settle) and is then discharged into the Canal.

Does any water testing take place before discharge from WDS or the SWMP? If it is found that there are high levels of contaminants present, is the runoff sent back to the LCS for "holding" or for further settlement/separation?

What if there is an extreme precipitation event, how are WDS/ SMWP overflows handled?

This system seems to prioritize removing the water quickly vs protecting the environment from contaminants, which does not align with the IP.

SNWSO are not engineers, but is there technology available that could provide a better, more environmentally friendly, method of handling surface run off?

Could more check systems be added to ensure that runoff/discharge is clean?

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:26:18AM

What steps is Walker taking to go above and beyond legislative requirements in order to minimize/prevent these emissions (VOCs, reduced sulphurs, combustion by-products, dust etc)? Compliance with the MECP air quality benchmarks is a great start, but SNWSO encourages Walker to push that compliance even further.

Could Walker invest in existing technology or in researching technology that could reduce the emissions even further? Or could Walker find a method to collect dust, VOCs, and combustion by-products and find alternative uses for them?

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:30:31AM

What efforts will Walker take to protect and/or mitigate impacts to the woodlot and the creek wetland complex?

This area provides numerous invaluable ecosystem services (i.e. carbon sequestration, water retention and filtration, soil regeneration and retention, wildlife habitat, aesthetics, etc). If this landfill expansion will negatively impact these natural features the loss of these services would be impossible to properly replicate or replace.

SNWSO encourages Walker to ensure that proper mitigation and/or protection measures are in place to prevent the disturbance or destruction of the surrounding natural areas.

S Author: Lauren Vanderlingen Subject: Sticky Note Date: 2024-05-13, 9:32:36AM

We also encourage Walker to go above and beyond to protect these natural features, despite the lack of "provincially significant" status.

Who are humans to decide what is significant and what is not, wildlife does not conform to human-made labels. Who knows maybe in a decade, with the increasing pressure to develop more homes, roads, and services, this non-provincially significant wetland may become significant due to the increasing loss of surrounding habitat and natural landscapes.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:21:04PM

Deer hold immense cultural value for Six Nations people as a source of sustenance.

Undoubtedly the expansion of the Phase 2 Landfill will have impacts for deer overwintering areas (fields/ woodlots) and their migrations across the landscape. However, deer are not often considered for the same protection that SAR species are.

Please note that while species of endangered and threatened status are of importance to Six Nations, SAR is not an inclusive list of all of the other species that may also be considered important. As from the IP, SAR and other legislation tends to be short-sided; legislation does not consider all wildlife to be worthy of protection.

Species (i.e deer, turkey, rabbits etc) that have sustenance, cultural, medicinal value, and are still used today, are often not included in these lists - and thus impacts are often not mitigated. SNWSO encourages the proponent to avoid disrupting this overwintering habitat, as doing so may infringe on hunting and harvesting treaty rights.

Please endeavor to include the culturally important species in follow up assessments and studies to ensure that indigenous values are recognized and accounted for.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:35:57AM

The provincially significant wetland designation is another piece of "legislation" that SNWSO finds to be short sided.

A wetland is a wetland, and still has the potential to provide wildlife habitat and perform invaluable ecosystem services (i.e water retention and filtration, carbon sequestration etc.), and each wetland is worthy of protection regardless of human labels.

Regardless of the non-provincially significant status of these wetlands, SNWSO implores the proponent to avoid impacting these wetlands, and accommodate or mitigate for them when designing and operating the Phase 2 expansion. Ultimately, the protection of the wetlands should also be considered for the existing Phase 1 (and other proximal Walker facilities).

T Author: wsma Subject: Highlight Date: 2024-05-08, 7:46:43PM

Please refer to previous comment regarding the importance of deer to SN.

T Author: wsma Subject: Highlight Date: 2024-05-08, 7:47:03PM

Ephemeral pools/streams are habitat for many salamanders and are crucial for their breeding. These streams should be accommodated and mitigated for during the design and operation of the South Landfill (both Phase 1 and 2), and the other proximal Walker facilities.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:56:06AM

SNWSO finds this statement to be highly problematic. This way of thinking does not align with the IP at all. As previously mentioned, legislation tends to be short sided, and the "significance" of these natural features should not be defined by human-centric official plans, or provincial criteria.

All the mentioned woodlots, wetlands, riparian zones, and the habitats present in between, should be considered significant because they all serve a purpose and are worthy of protection. The IP considers each of these features to be their own entity, worthy of the same respect that you would give a human. They perform invaluable services (carbon sequestration, habitat, water retention and filtration, soil retention, decomposition etc.), and they cannot be easily replaced if they are negatively impacted or destroyed.

Additionally, these natural heritage features provide wildlife with natural corridors for them to cross, and migrate within an increasingly developed landscape. If these features were to be degraded by the landfill expansion, the cumulative effects would be devastating.

SNWSO implores the proponent to consider these natural heritage features as important, and worthy of protection, accommodation, mitigation.

T Author: wsma Subject: Highlight Date: 2024-05-13, 10:08:46AM

SNWSO encourages the proponent to adopt a multi-season, multi-year survey effort (using Best Management Practices (BMPs)) to create a comprehensive understanding of ALL the wildlife and habitat present (not just SAR) within the SSA & LSA .

This approach allows surveyors to account for any seasonal or annual variability and to create a comprehensive picture of the wildlife using the area. A comprehensive picture should be created in order to fully understand the impacts that development activities will have on the wildlife and in order to appropriately avoid, minimize, then mitigate/ accommodate those impacts.

SNWSO believes that a great way to go above and beyond, would be to compare the Phase 2 SAR and natural heritage feature assessments to the previously conducted surveys for Phase 1, and the original quarry EA's. This historical ecological data provides an unique opportunity, that not many proponents have. Comparing the present survey results to the historical ones would be an amazing way to show how, or how not, the landscape has changed in terms of the species present and the health of the natural features. This comparison could also highlight a path forward, in terms of how the proponent could mitigate or offset the impacts that the quarry/landfill had.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:23:50PM

Are the surrounding single residential dwellings connected to municipal water/waste water systems, or are they on private well/septic systems?

If this landfill ever had an issue with leachate escape/leaks it could create a problem for private water systems. SNWSO believes it would be good due-diligence to test these private systems (before and after phase 2 is in operation) to ensure that the surrounding water supply is not tainted. Especially those in the North, since that is the direction the ground/surface water flows.

Does Walker have any records relating to these residential units and their water or soil quality ? Have any tests been performed by Walkers during the history of their land-use (Phase 1, Quarries, East Landfill etc). Considering the proximity of Walker's industrial properties to these residential properties, SNWSO encourages the proponent to reach out to the landowners and offer to perform water/soil quality tests if that has not already been completed.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:25:59PM

SNWSO believes that the areas designated or zoned for the Natural Environment System could be a great space for Walker to provide Environmental compensation (ie. plant trees/vegetation, create habitat offset areas, install habitat features etc.) in order to mitigate the existing and future impacts on the overall landscape.

These habitat offsets should be protected indefinitely to ensure that Walker's efforts are realized, and to allow the vegetation the time to become functional habitat. SNWSO encourages Walker to go above and beyond and work to implement comprehensive habitat mitigation/ offset strategies, for future generations to enjoy.

T Author: wsma Subject: Highlight Date: 2024-05-13, 10:31:12AM

Are there ways that Walker could create more Environmental Conservation/Protection Areas both on and off-site as environmental mitigation and offset measures?

T Author: wsma Subject: Highlight Date: 2024-05-13, 10:34:38AM

Will these early successional vegetation areas be monitored for wildlife use? Are trail cameras installed? Are invasive species being managed in these berm/rehabilitation areas?

Will this planted buffer be protected for the long-term (after the Phase 2 landfill reaches capacity) to allow it the time to grow, and become a functional wildlife habitat/corridor?

SNWSO encourages the proponent to consider how the previous and current mitigation measures will be used and protected for the long-term. As without protection, the effort spent on the berms and rehabilitation plantings may just be in vain.

From the IP it is not enough to only think about the here and now, we much consider the lands that our great, great, great-grandchildren will use.

T Author: wsma Subject: Highlight Date: 2024-05-13, 10:36:08AM

This seems to be a great opportunity to create wildlife corridors! SNWSO encourages the proponent to work with landowners to enhance these grassland fields, hedgerows/fence lines, and small woodlots; to make them more ecologically functional, and provide better habitat or corridors for wildlife to use.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:28:48PM

How will Walker ensure that the trash/waste stays on the campus? Will there be any efforts/initiatives to prevent garbage blowing off-site?

While garbage blowing off-site, may seem like a relatively minor risk/problem, the potential cumulative impacts have SNWSO concerned.

Even small bits of plastic that end up in the water or forested areas, can have a significant impact to the wildlife (i.e birds/fish ingesting it, wildlife using it for their nests/dens, deer getting tripped up in garbage bags, etc). While garbage in the agricultural field could damage farm-equipment, or end up getting tilled into the soil layer.

Please ensure that there are preventative measures in place to avoid garbage displacement.

T Author: wsma Subject: Highlight Date: 2024-05-13, 7:28:12PM

Please expand on what the recreational uses are.


A Petting zoo? A soccer field ? A swimming pool? SNWSO believes this knowledge helps to inform readers of the associated exposure risks (i.e dust, noise, odour, water quality etc.).

If there were ever a leachate escape (leak) how would these recreational lands be impacted ?


T Author: wsma Subject: Highlight Date: 2024-05-13, 10:45:55AM

If there was a leachate escape, the crops and the area's surrounding vegetation could be negatively impacted via the soil and water's uptake of landfill toxins. The uptake of these toxins could have impacts not only for human/livestock but also the pollinators, who depend on the health/quality of the vegetation.

Other than the leachate collection system, and the settling ponds, what systems are in place to monitor the toxicity and the flow of the leachate? Are there check points within the drainage system to test the toxin/contaminant levels and ensure the leachate is moving as it should?

 Author: wsma Subject: Highlight Date: 2024-05-13, 10:46:51 AM

How do the surrounding residents feel about the landfill expansion? Have any surveys/feedback forms been distributed to the neighboring homes?

 Author: wsma Subject: Highlight Date: 2024-05-08, 7:27:21PM

SNWSO is not well versed in archaeology, we recommend that you reach out to the Six Nations Archaeological Supervisor, Tanya Hill-Montour: tanyahill-montour@sixnations.ca for her input on the site's Archaeological potential.


T Author: wsma Subject: Highlight Date: 2024-05-13, 7:30:26PM

SNWSO encourages the proponent to investigate the impacts that the transition from a quarry into a landfill will have within the LSA.

How, and in what manner, will wildlife be impacted? How will surrounding water, air, and soil quality be impacted?

SNWSO encourages Walker to mitigate the expected impacts and to improve the landscape for future generations and the wildlife. Could the berms surrounding the SSA be further planted to improve wildlife habitat? Could Walker create a wildlife corridor and wildlife habitat nearby the SSA to offset the impacts of the quarry/landfill?

Please endeavor to understand the cumulative impacts that the existing quarry and the future landfill have on the landscape and work to mitigate those impacts by going above and beyond.

 Author: wsma Subject: Highlight Date: 2024-05-13, 7:31:18PM

While this may be a misinterpretation, this natural section does not seem to deeply consider the impacts to wildlife located in the area (i.e birds, bats, mammals, herpetofauna, amphibians, fish, benthics etc). Seemingly, this bullet point refers more to plants and habitat rather than the wildlife itself.

Please include an assessment of the effects for the non-human beings (wildlife).


 Author: wsma Subject: Highlight Date: 2024-05-13, 9:09:44PM

When making this decision, please place priority on the environment. The natural environment should weigh more than the social, economic, and cultural factors.

Meaning if one alternative will cost more and is less visually pleasing, but the environment will benefit greatly, please choose that option.

Please go above and beyond to leave the natural environment better off than it was before.

When considering the end-of life for this phase 2 landfill expansion, making the environment the priority now, may make the landfill closing easier/cheaper in the long term.


 Author: wsma Subject: Highlight Date: 2024-05-13, 11:00:11AM

SNWSO encourages Walker to implement a robust monitoring plan during the operation of the landfill. We understand life is busy and monitoring settling ponds, or air quality may be tedious, but ensuring they are checked frequently/daily is crucial to:

- a) finding a problem quickly and,
- b) mitigating that problem effectively.

If monitoring air/water quality is only done weekly, leachate or methane leaks may continue for days before anyone notices, and at that point the negative impacts only become more realized and more costly to clean up.


Please be overly diligent when it comes to monitoring.

 Author: wsma Subject: Highlight Date: 2024-05-13, 11:03:06AM

Just curious why the Department of Fisheries and Oceans (DFO) was not consulted?

SNWSO believes that since "when appropriate" the leachate ponds are discharged into the Welland Canal, or into roadside ditches; the DFO should be involved due to the potential negative impacts to fish and fish habitat. Additionally, since the SSA is traversed by the Ten Mile Creek Wetland Complex, there is high potential for the landfill to negatively impact fish and fish habitat.

Please consult with DFO to ensure that all possible mitigation measures are being taken!

 Author: wsma Subject: Highlight Date: 2024-05-08, 8:44:35PM
Happy to see this!

T Author: wsma Subject: Highlight Date: 2024-05-13, 11:05:35AM

As previously stated, ensuring that the environment is better off than it was before, is a priority for SNWSO. Understanding the baseline ecological conditions will enable Walker to make decisions that allow for improved environmental conditions and comprehensive habitat rehabilitation. Knowing what was, can help to inform what will be.

T Author: wsma Subject: Highlight Date: 2024-05-13, 11:34:56AM

Perfect. As this will be crucial for leaving the environment better off than it was before.

Understanding the baseline ecological conditions that existed prior to the quarry and the current site, will help decision makers understand the ecological impacts that have already taken place. The baseline information can also inform planners on what mitigation and offset measures are required and what BMPs to use.

T Author: wsma Subject: Highlight Date: 2024-05-13, 11:26:50AM

What percentage of recyclables that are separated on-site are reused/re-purposed ?

As only about 25% of Ontario's waste is actually recycled (Ontario, 2023), and Canada produces 1.9 million tonnes of plastic of which only 12% is sent to recycling and even less is reused/re-purposed (Warnica, 2022). Main (2023) states that 72% of plastics ends up in landfills or the environment, and suggests that only 9% of the plastic ever produced is recycled, and 19% has been incinerated.

These numbers are concerning, and do not leave SNWSO with much hope. Incineration is not the answer as that emits more CO2 and leaves the air full of toxic chemicals like dioxins, furans etc. If materials that are being recycled are not being reused/purposed, how is recycling helping to reduce waste?

Again, what percentage of Walker's recycled materials are sent to be reused or re-proposed?

References:

Government of Ontario. (2023). Strategy for a Waste-Free Ontario: Building the Circular Economy. <https://www.ontario.ca/page/strategy-waste-free-ontario-building-circular-economy#:~:text=On%20average%2C%20each%20person%20in,sent%20to%20landfill%20each%20year>.

Warnica, R. (2022). Little green lies: We fill our blue boxes with plastic, but hardly any gets recycled- will Ford's new system change that? Toronto Star. https://www.thestar.com/business/little-green-lies-we-fill-our-blue-boxes-with-plastic-but-hardly-any-gets-recycled/article_473ffa8-3a35-5ce4-a871-8c2d44bd7fd7.html

Main, D. (2023). Think that your plastic is being recycled? Think again. MIT Technology Review. <https://www.technologyreview.com/2023/10/12/1081129/plastic-recycling-climate-change-microplastics/#:~:text=Because%20consider%20this%3A%20most%20of,and%2019%25%20has%20been%20incinerated>.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:12:31PM

SNWSO will attach our Draft Plant List in an email for the Walker team to review. Ideally the plant list will be used to inform the vegetation surveys that take place, in terms of what species to protect/save, what species of seed to collect, and what species should be used in rehabilitation or habitat offset efforts.

Moving forward we highly encourage Walker to contact Kayanase, the Six Nations native seed nursery. Walker could invite Kayanase to collect seeds from culturally important species found on the landfill or future sites. Kayanase may also be able to assist in any rehabilitation planting or habitat offset efforts.

T Author: wsma Subject: Highlight Date: 2024-05-13, 4:57:51PM

Despite the site already being quarried, it is important that mitigation measures are being implemented now and during the closure of the landfill, i.e planting trees in abundance to offset the loss of vegetation in the area.

This is also why analyzing the baseline ecological conditions of the site before it was a quarry, is so important. How many trees, if any, were on site prior to the quarry? If there were 50 trees, 500 trees should be planted (in proximity to the site) between now and the landfill's closure.

T Author: wsma Subject: Highlight Date: 2024-05-09, 12:40:30PM

Happy to see that this was recorded and will be considered during the EA.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:18:27OPM

SNWSO is also curious as to how this will occur. How healthy will the soils be for agricultural purposes? Will the soils need any type of nutrient inputs (beyond the compost)? Will the crops grown have sufficient quality for consumption, or could the garbage negatively impact the crops?

Will Walker consult any rehabilitation experts, farmers, agronomists, or environmentally minded people to assist in this process? For example: the NPCA, or environmental NGOs such as ALUS, Niagara Restoration council, Niagara Federation of Agriculture, or any members of the Niagara Environmental Network.

It would be great if the Six Nations Native Plant Nursery, Kayanase could be involved in this rehabilitation process, or offered the invitation to gauge their interest.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:20:38OPM

Please clarify: Will Walker conduct any incineration on site ? Or not at all, thus why it will not be considered as part of the EA?

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:21:47OPM

While Walker has taken steps to prevent the leachate from coming into contact with 10 Mile Creek, SNWSO believes there should be an emergency plan in place should this ever happen.

SNWSO encourages Walker to be prepared and have an action plan should the unthinkable happen. And this emergency plan should consider all waterbodies (i.e Welland Canal, surrounding ephemeral streams/ponds) not just 10 mile creek.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:23:55OPM


This is also an important consideration for SNWSO. The vegetation plantings and the improvement of wildlife corridors does **not** have to wait until the end-use of the site. These environmental improvements can be an on-going process for Walker during the operation of the landfill. Steps can be taken now to improve the surrounding environment. SNWSO encourages Walker to begin actively donating trees to be planted on conservation areas, public parks, or other woodlot areas; or creating meadow spaces in other near by areas.

T Author: wsma Subject: Highlight Date: 2024-05-08, 9:27:29OPM

Love this. Would Walker consider bringing some of those education events to Six Nations schools?

T Author: wsma Subject: Highlight Date: 2024-05-09, 12:39:28PM

Once the preferred alternative is decided, SNWSO encourages Walker to develop contingency plans should the evaluation of indicators show that there have been negative impacts to the factors in question (i.e geology and hydrology, terrestrial and aquatic environment etc.). It is one thing to use the criteria and indicators to help decide which alternative is best, but Walker will have to continue to monitor those indicators and act quickly should any issues arise.

 Author: wsma Subject: Highlight Date: 2024-05-13, 9:15:15PM

Another Data Source could include referring to the baseline ecological studies. If the baseline surveys show a variance in water quality today, the change can be marked and used to address why there was a change in quality. Having baseline data is a great source to understand the ongoing changes within the SSA/LSA.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:15:41PM

In terms of air quality SNWSO encourages Walker to have air quality monitoring systems both in proximity (on-site) and a distance away from the landfill (off-site). Only having monitors at a far distance (far corners of property or off-site) does not provide a comprehensive understanding of the emissions on the site, or what is being released into the larger atmosphere. Please do not dilute the emissions, using distance, to boast that the landfill has no impact to the air quality.

T Author: wsma Subject: Highlight Date: 2024-05-09, 2:00:11PM

Consider using iNaturalist, a citizen science database to gain a better understanding of the species present within the LSA. There may be species that are found in close proximity to the SSA, and may be impacted by the landfill!

T Author: wsma Subject: Highlight Date: 2024-05-09, 4:18:24PM

Please consider ALL wildlife and vegetation, including those that are culturally important to Indigenous People (deer, turkey, rabbit etc) not just the SAR. All are worthy of protection.

T Author: wsma Subject: Highlight Date: 2024-05-09, 1:20:09PM


Please consider wetlands that are not designated, as the non-designated wetlands also provide invaluable ecosystem services (i.e water retention, water filtration, carbon sequestration, habitat etc) and are worthy of protection.

 Author: wsma Subject: Highlight Date: 2024-05-13, 6:27:47PM

Referencing baseline ecological studies could also be useful for understanding the impacts to the agricultural & greater environment. It is possible that soil classification and/or assessments of land fragmentation (or previous landscape uses) may be included in older EAs, and could be used to inform future restoration/rehabilitation efforts.

 Author: wsma Subject: Highlight Date: 2024-05-09, 2:07:58PM

SNWSO believes that the best data source for the archaeological component would be discussing the site with an Indigenous Archaeological Supervisor, as previously discussed.

 Author: wsma Subject: Highlight Date: 2024-05-13, 9:18:23PM

Does the 'contaminating lifespan' refer to the landfill's potential to contaminate the area during construction, operation, and after the landfill closure?
As contamination could occur even after the landfill is closed and the end-use rehabilitation is implemented!

How long after the landfill is closed will Walker continue to monitor the site for contaminants? Are there any legislative requirements for landfill post-closure monitoring? SNWSO encourages monitoring continue long after the closure, to prevent any long-term contaminant releases.

T Author: wsma Subject: Highlight Date: 2024-05-09, 3:48:14PM

The impact assessment should also identify the cumulative effects of the alternative methods when deciding on the preferred alternative.

T Author: wsma Subject: Highlight Date: 2024-05-09, 3:27:59PM

Again, SNWSO believes referring to the baseline ecological surveys conducted before the site was quarried could be useful in understanding the impacts that both the quarry and the landfill have/will have on the landscape. These baseline surveys could also be helpful for identifying ways to mitigate those impacts.

T Author: wsma Subject: Highlight Date: 2024-05-13, 9:19:24PM

Please define what "climate normals" are?

Are climate normals a depiction of the pre-industrial, or even better the pre-colonial, atmospheric environment? What time-frame of data will Walker use to identify 'climate normals' ?

SNWSO believes that to compare climate 'normals' to the existing climatic conditions, Walker will have to go far back into history to identify what normal may have been.

The existing quarry will definitely create a deviation from the atmospheric environment's 'normal'. The surrounding area's use of agricultural chemicals and fertilizers will also cause the existing conditions to have deviated from normal.

How will the comparison of 'climate normals' and existing conditions comparison be used to identify mitigation measures?

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:36:11PM

Is there baseline environmental noise level data from before this site was quarried? If so, this data should be used to compare with the existing noise data.

Where will noise monitoring stations be located? Will they be located both:

-on-site in close proximity to the noise emitting equipment, and

- off-site beyond the noise and debris berms?

Walker should be diligent with the placement of their noise monitors, as locating them 100's of meters or kilometers off-site would not capture the true noise emissions.

The same can be said for the air quality monitors that are assessing the key indicator compounds (locate them both on-site and off-site).

T Author: wsma Subject: Highlight Date: 2024-05-09, 4:11:52PM
This assessment should also identify the cumulative impacts to terrestrial and aquatic ecosystems.

T Author: wsma Subject: Highlight Date: 2024-05-09, 4:15:13PM
Again please consider the impacts to all species of wildlife and vegetation, not just the SAR. As many species that are not SAR are still important to Indigenous peoples and have cultural, medicinal, or sustenance uses.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:37:08PM
See previous comments, all wetlands should be assessed for impacts and protected.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:38:44PM

SNWSO recommends that Walker conducts electrofishing surveys to create a comprehensive understanding of the existing fish communities. Using the already existing fish community surveys is great for comparison, but without up to date information on the fish communities present, strong conclusions cannot be drawn.

The Chartered Institute of Ecology and Environmental Management suggests a timeline for the validity or the lifespan of ecological reports and surveys:

-Surveys should be considered out of date after 3 years

-1.5 years (12-18) surveys should be considered valid

-1.5-3 years surveys could still be considered valid but would require an ecologist/biologist to undertake a re-assessment or walk through to compare survey results to the existing features (ground-truthing).

SNWSO prefers that surveys are up to date to create a comprehensive understanding of fish communities and habitat present. Please consider conducting electrofishing surveys to better understand the landfill's impacts.

Reference:

CIEEM. (2019). Lifespan of Ecological Report and Surveys. The Chartered Institute of Ecology.

<https://cieem.net/wp-content/uploads/2019/04/Advice-Note.pdf>

T Author: wsma Subject: Highlight Date: 2024-05-09, 5:13:00PM

SNWSO encourages the proponent to adopt a multi-season, multi-year survey effort (using BMPs) to create a comprehensive understanding of the wildlife and habitat present.

T Author: wsma Subject: Highlight Date: 2024-05-09, 4:40:51PM

Benthic sampling should take place in the late summer/early fall. October may be too late in the season to gain a comprehensive understanding/snap shot of the invertebrates present.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:40:49PM

Mitigation measures should be informed by best management practices specific to the targeted species or habitat. SNWSO discourages the use of blanket mitigation measures. As the mitigation measures used in a wetland will not be the same for a woodland, and the mitigation measures used for deer will not be the same measures used for snakes.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:41:19PM

SNWSO encourages Walker to develop a stringent monitoring plan, that considers all environmental variables (water, air, habitat regeneration, vegetation needs when planting etc) and uses BMPs. The monitoring should be conducted frequently enough to identify and correct problems as they arise (i.e several times daily for water and air etc).

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:46:47PM

Targeted species surveys should be conducted to gain a comprehensive understanding of the species present in the study area. Desktop reviews are a great first step and can be informative, but they are not enough to definitively conclude no SAR are present. Nothing beats boots on the ground observations.

Absence is harder to prove than presence, and until multi-year, multi-season surveys are conducted there will still be many uncertainties. Until these uncertainties are reduced, via multi-year and multi-season surveys, Walker should proceed with caution and assume that any potential SAR are present and mitigate impacts accordingly.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:47:27PM

Has Walker consulted with the DFO to ensure that the project will not cause HADD of fish habitat? SNWSO noted previously that DFO had not been consulted and we encourage Walker to do so.

DFO regulates all fish habitat, not only SAR fish. All fish habitat is worthy of protection and should be considered, regardless of SAR status. Healthy fish and fish habitat is tremendously important to Indigenous culture. To disregard fish habitat, because no SAR are present, could directly impede Indigenous people from exercising their traditional harvesting and fishing rights.

Please also consider the environmentally sensitive land features (wetlands, woodlots etc).

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:50:25PM

Please clarify: Is 'net effects' being used to describe the cumulative effects?

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:50:39PM


SNWSO has recommended several times that as an offset measure Walker should consider planting or enhancing various habitats (woodlots, meadows, riparian zones etc).

If Walker were to plant offset habitats, SNWSO does not believe they should be seen as 'fragmentation of the agricultural landscape', as these areas would only serve to improve the agriculture ie. adding nutrients to the soils, retaining water, providing habitat for wildlife (keeping them out of the fields) etc. Creating wildlife corridors and habitats will only enhance the surrounding land uses.

T Author: wsma Subject: Highlight Date: 2024-05-13, 6:54:49PM

It has been mentioned that the road around the landfill does not have bike or pedestrian lanes, however people do travel along these roads currently. It is possible that with more garbage trucks off-loading there may be more risk to the public to be involved in accidents.

SNWSO encourages Walker to explore the possibility of creating pedestrian/bike lanes, and include this consideration in their traffic assessment. Will more or less pedestrian traffic occur around the landfill if bike lanes were created ? Will a greater percentage of pedestrian accidents be avoided? Will odour prevent/reduce pedestrian traffic?

 Author: Lauren Vanderlingen Subject: Highlight Date: 2024-05-13, 6:56:00PM

Please contact the Six Nations Archeology Supervisor to discuss the need for further archaeological studies. SNWSO encourages Walker to go right to the source, to the people, for whose history is being assessed.

Subject: FW: Walker, South Landfill Phase 2 ToR - Response to Comments
Date: Monday, June 17, 2024 at 11:08:06 AM Eastern Daylight Saving Time
From: Darren Fry <DFry@walkerind.com>
To: South Landfill Phase 2 <info@southlandfillphase2.com>
Attachments: image001.jpg

RoC Indigenous

From: Peter Graham <LRCS@sixnations.ca>
Sent: Monday, June 17, 2024 10:56 AM
To: Darren Fry <DFry@walkerind.com>; Lauren Vanderlingen <wsma@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: RE: Walker, South Landfill Phase 2 ToR - Response to Comments

CAUTION! This is an external email. Verify the sender's email address and carefully examine any links or attachments before clicking. If you believe this may be a phishing email or if you think you've clicked on malicious link, report it to IT by emailing support@walkerind.com then delete it from your inbox.

Hi Darren,

Thank you. Lauren will let you know if she has additional comments on the TOR. Regarding #6, I've asked my colleague Dawn Russell to connect with you for scheduling.

Best, Peter

From: Darren Fry <DFry@walkerind.com>
Sent: Monday, June 17, 2024 8:30 AM
To: Peter Graham <LRCS@sixnations.ca>; Lauren Vanderlingen <wsma@sixnations.ca>
Cc: Elizabeth Duguay <EDuguay@walkerind.com>
Subject: [External] Walker, South Landfill Phase 2 ToR - Response to Comments

Hello Lauren and Peter,

Thank you for providing your comments on the Terms of Reference (ToR) and specifically sharing your views on how Walker can incorporate increased Indigenous Perspective (IP) as we work through the planning process and look to develop the next phase of our South Landfill (Phase 2). We appreciate the time and resources you've dedicated to providing this valuable feedback.

We have carefully reviewed your comments and have updated the ToR to reflect your input, as appropriate.

To demonstrate how input from Six Nations Elected Council, Consultation & Accommodation Process

(CAP) Team and Wildlife and Stewardship Office (SNWSO) was considered, attached to this email you will find a table with your comments, Walker's responses, and references to where the ToR has been updated, if applicable. We ask that you kindly confirm receipt of this document and let us know if you have any further comments or questions.

We've attempted to address the general questions around how our facilities operate, protect the environment and what Walker is already doing to naturalize lands in and around our Campus in the response table. To build on this dialogue, we wish to offer a site visit to our Campus/existing South Landfill as this will provide an opportunity to better understand any questions that may require further discussion as well as provide a transparent and working example of how we operate our facilities. I know your office is currently in the process of looking to schedule this visit – we just wanted to re-extend that offer.

At this time, Walker is preparing the final ToR for submission to the Ministry of the Environment, Conservation and Parks (MECP) in the coming weeks. We will be notifying you and providing the final documents in advance of the submission date. All interested members of the public, Indigenous communities, the government review team will also be informed. Additionally, we will be issuing a Notice of Submission in local newspapers and hard copies of the ToR documents will be available for viewing at public locations locally. This submission will include a 30-day public review and comment period, where interested parties can submit comments directly to the MECP.

In consideration of the environment, we will be sending you digital copies of the ToR and supporting documents. If you would prefer hard copies couriered to your office, please let me know.

Thanks again and we look forward to continuing to work with SNEC CAP/SNWSO on this project.

Warm regards,
Darren

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Table 1 Summary of Comments on the Draft Terms of Reference from Six Nations of the Grand River and their Consideration

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
01	Six Nations of the Grand River	Peter Graham Lauren Jones Lauren Vanderlingen	N/A	N/A	N/A	<p>This email is to notify you that the draft Terms of Reference (ToR) for the South Landfill Phase 2 Environmental Assessment (EA) is now available for review and comment from Government Review Agencies, Indigenous communities and agencies, the public, and other interested persons. The attached includes a cover letter with additional details.</p> <p>The draft ToR documentation can be accessed via the project website at southlandfillphase2.com or downloaded by clicking this LINK. The documentation includes three (3) files as described below:</p> <ul style="list-style-type: none"> • Draft Terms of Reference – 2024.03.07; • Draft Terms of Reference – Supporting Document – 2024.03.07; and • Draft Terms of Reference – Record of Consultation – 2024.03.07 <p>** Note: The link will be active for 12 days from the date of this email. **</p> <p>We ask that comments on the draft ToR be submitted directly to info@southlandfillphase2.com by April 22, 2024.</p> <p>Should you have any questions, please do not hesitate to reach out to our team.</p>	March 7, 2024	Email	N/A
02	Six Nations of the Grand River	Peter Graham	N/A	N/A	N/A	<p>I hope all is well with you.</p> <p>I'm reaching out as it's been a few weeks since the release of the draft Terms of Reference for our South Landfill Phase 2 project and I wanted to check in to see whether you and/or your team had any initial questions, comments, or feedback on the document.</p> <p>Happy to chat over the phone or schedule a follow-up meeting if needed.</p>	March 27, 2024	Email	
03	Six Nations of the Grand River	Peter Graham	April 2, 2024	Email	Our wildlife office is asking if there's any flexibility with the deadline. I'm guessing they'd like it two weeks later. Please let me know.	<p>Apologies for the delay in getting back to you – I was away at a conference for the better part of last week.</p> <p>While we won't be extending the comment deadline for the general public, we're happy to accommodate your team's request.</p> <p>Our goal is to submit a Final ToR to the MECP by the end of May. If we can help facilitate your team's review in any way (i.e., meet with wildlife office and walk through any questions/comments together), please let us know.</p>	April 9, 2024	Email	
04	Six Nations of the Grand River	Peter Graham	April 9, 2024	Email	<p>No worries. I hope you enjoyed the conference.</p> <p>Thank you for being flexible. I told wildlife to aim for May 6 and that May 13 would be the latest day they could submit.</p>	N/A	N/A	N/A	

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
05	Six Nations of the Grand River	Dawn Russell Lonny Bomberry Tayler Hill Peter Graham	April 10, 2024	Email	On behalf of Six Nations of the Grand River Elected Council (SNGREC) Lands and Resources Department Consultation and Accommodation Process (CAP) Team we have a small parcel of land in Port Maitland that we want to publicly bring attention to with a permanent marker. We previously had posted signs that were weather worn, damaged and/or destroyed over time. I would like to propose the donation and delivery in good faith of a large stone/boulder to the site and we would like to have a community member mark the stone to commemorate the property which sits at the mouth of the Grand River in the Haldimand Tract.	Walker has a long history of supporting initiatives that proudly share the stories of important Indigenous places, events or people. Some recent projects we've provided stone and/or financial support for include: <ul style="list-style-type: none"> Landscape of Nations First Nations Peace Monument at Decew House We would be happy to support this project and donate a large stone(s) that achieves your vision. <p>Let me know when would be good to set up a quick call to better understand what the marker stone you have in mind looks like and I can work with our aggregates team to source some examples. Also – if you need a few stones, it's not much extra work to donate up to 6 stones as they will fit on the same truck. Again – happy to help design this monument with you.</p>	April 10, 2024	Email	
06	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	Email	The Six Nations Wildlife and Stewardship office has reviewed the Draft Terms of Reference for the South Landfill Phase 2 expansion. <p>The attached document contains our comments.</p> <p>Thank you for meeting with the Six Nations CAP team and receiving our input on this document.</p> <p>Additionally, I have attached the Six Nations Wildlife and Stewardship Office's Draft Plant List. I hope it proves to be a valuable resource for Walker when looking to complete Environmental Assessments/species lists, when making decisions for future site locations, and for site plantings or restoration purposes.</p> <p>I just wanted to highlight the precautionary statement that is at the top of the chart:</p> <p>The chart is a "best approximation" of plant species that may be of interest and importance to the community of Six Nations. This is intended to be a living document. It should not be considered a complete guide or sole reference when considering traditional plant species. Please consult additional reputable resources to ensure correct identification of species in the field. It is still in draft form, pending more input from the community.</p> <p>This list should not be made public, but rather kept for internal reference and decision making.</p> <p>If you have any questions or concerns please do not hesitate to reach out.</p> <p>We look forward to the response from you and your team and continuing to build a strong relationship with the Walker team.</p> <p>Have a great rest of the week!</p>	Thank you for the insightful and detailed comments on the draft Terms of Reference (ToR) for Phase 2 of the South Landfill. We are carefully reviewing your comments, preparing responses and incorporating this input into the ToR. <p>When we last met, we discussed hosting a site tour of our existing Resource Management Campus and proposed Phase 2 site when the weather warms up. We would like to see if you and other CAP team members would be interested. We could tour the Campus, enjoy lunch together and then have a general discussion on key themes arising from your comments.</p> <p>While we are preparing detailed responses to each comment, I think a tour and discussion would provide additional context, help answer key questions, capture more information/ideas on opportunities and further incorporate Indigenous perspective into the project (and our current operations).</p> <p>Let me know. Walker will accommodate CAP members for their time and mileage.</p>	May 22, 2024	Email	
07	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 1 ToR - Page 4 – Section 2.1 Paragraph 3 <i>Most recently, in 2023, Walker and Enbridge built Ontario's largest RNG project where landfill gas is cleaned and transformed into RNG which is used interchangeably with natural gas. In total, the landfill gas from the Walker Campus can power the equivalent of 25,000 homes.</i> <p>1.1. What hazardous or negative environmental by-products come from the processing of Landfill gas (methane, CO2, VOCs, dioxins, furans etc) into RNG?</p>	1.1. The processing of landfill gas into Renewable Natural Gas (RNG) has a number of significant net benefits which include: <ul style="list-style-type: none"> the capture of methane (a primary component of landfill gas) that would have escaped into the atmosphere; the use of this renewable source of methane to displace the need for non-renewable sources of methane and associated infrastructure (i.e., natural gas wells, transmission pipelines, etc.); 			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					<p>Six Nations Wildlife and Stewardship Office (SNWSO) sees the benefits to processing methane to RNG, rather than directly emitting methane into the atmosphere; however the process of doing so raises the question of 'how truly beneficial is this practice' ?</p> <p>The primary and secondary treatments involve the removal siloxane/sulfur, carbon dioxide, nitrogen, and VOCs as waste products, then these waste-chemicals are sent to high temperature flares or thermal oxidizers for 'decomposition.' How much heat does this process release into the atmosphere? How safe, for both humans and the environment, is the release of these decomposed waste-chemicals?</p> <p>While this process sounds like standard procedure, it is still concerning from the Indigenous Perspective, that we are releasing decomposed toxins that could have negative consequences for the air we breathe.</p> <p>Are there any filtration systems that could be used to eliminate the release of these toxins? Would Walker consider investing in the technological development of such a filtration system (if one does not already exist)?</p> <p>Reference: Environmental Protection Agency. (2024). Basic Information about Landfill Gas. https://www.epa.gov/lmop/basic-information-about-landfill-as#:~:text=Instead%20of%20escaping%20into%20the,smog%20and%20global%20climate%20change.</p>	<ul style="list-style-type: none"> the capture of trace VOCs (a minimal component of landfill gas) and destruction of these VOCs so they are not released to the atmosphere; and the capture of sulphur compounds. <p>It is widely recognized that capturing a renewable energy source, such as biogenic methane, and processing it (i.e., removing and destroying impurities) into RNG is preferred over the use of non-renewable sources of energy.</p> <p>Any gas that does not meet pipeline quality specifications is combusted in onsite devices like thermal oxidizers or flares to destroy compounds like methane, VOCs, etc. All emissions from the RNG facility meet provincial air quality standards.</p> <p>Biogenic carbon dioxide passes through the system and is released back into the environment.</p> <p>Dioxans and furans are not present in landfill gas.</p> <p>Walker currently uses a number of filtration systems at the RNG facility, specifically sulphur removal, VOC removal, and siloxane removal. Additionally, we are currently investigating carbon dioxide capture technologies (i.e., carbon dioxide removal to provide a food source for algae/flora.)</p>			
08	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 2 ToR – Page 4 – Section 2.1 Paragraph 4 <i>90,000 tonnes of source separated organic waste and is a key component of the Region of Niagara’s municipal waste diversion program</i></p> <p>2.1. How long does Walker expect it will take to process <u>up to</u> 90,000 tonnes of source separated organic waste ? 10 years or more? Will the organic waste processing end after the 90,000 tonnes is reached or can this facility apply to process beyond that tonnage?</p> <p>2.2. Is the Phase 2 South Landfill required to continue the source separated organic waste processing? Or could this program continue without the Phase 2 expansion?</p>	<p>2.1. Walker’s compost facility processes up to 90,000 tonnes of organic materials (i.e., food waste and wood waste) per year. The facility does not have an end date and continues to play an important role in helping Niagara minimize waste that is sent to landfills.</p> <p>2.2. While the compost facility operates independently of the South Landfill, it relies on the proximity of the landfill to manage materials (i.e., plastics, non-compostables) that are screened out of the materials that arrive in the green bins. If Phase 2 is not developed, composting operations at the Campus could be curtailed or discontinued.</p>			N/A
09	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 3 ToR Page 5 – Section 2.1 Paragraph 5 <i>2029 and 2031</i></p> <p>3.1. Will Phase 1 South Landfill be converted to agricultural fields shortly after the capacity is reached? Or will the Phase 1 lands remain functional/open until the Phase 2 lands reach their capacity?</p> <p>3.2. While the idea of converting the landfill into agricultural field seems risky in terms of the health and quality of the crops to be eaten; it is seemingly a better use of the lands compared to building a large industrial building on top.</p> <p>3.3. Does Walker have any studies on this type of project (ex. in partnership with the University of Guelph agricultural science program) that discuss the environmental benefits and the health of the crops grown? It would be interesting to see the rates of phyto-remediation, and the toxins vs nutrients available from the crops.</p>	<p>3.1. The end use of the South Landfill Phase 1 has not yet been determined, but a wide range of end uses will be considered including agricultural, recreational, natural rehabilitation, etc. Once Phase 1 nears its final capacity, within the next 2-4 years, consultations will begin on preferred end use options.</p> <p>Once Phase 1 reaches final capacity, it will begin the closure process and disposal operations will shift to Phase 2.</p> <p>3.2. Noted.</p> <p>3.3. Walker conducted a 3.5-year study with the University of Guelph to determine if crops could be grown on a closed landfill safely and successfully. Harvested plants (biomass) were analyzed for trace elements, including heavy metals, and it was concluded that there were no concerns in using the plant material as animal feed.</p> <p>The findings supported an unrestricted agricultural after-use for this site consistent with the Ontario Ministry of the Environment’s Regulation 347 (MOE 1991). An agricultural after use on similar sites, public perception aside, is common practice in Europe and North America (Palmer, 1982; Simmons, 1992; Browning and McRae, 1994).</p>			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
10	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 4 ToR – Page 5 – Section 2.2 Paragraph 1 <i>8:00 a.m. to 5:00 p.m.</i></p> <p>4.1 What type of external lighting is used at the South Landfill facilities?</p> <p>4.2. SNWSO encourages the proponent to take every opportunity available to minimize their impact to wildlife. The proponent should ensure that any roadway/ facility lighting is coned so that there is no upwards glare to disrupt bat (or night-bird) flight patterns. Spolstra, et al., (2017) suggest that lights that use a red hue rather than a white or blue/green hue are less disruptive for bat flight patterns.</p> <p>4.3. SNWSO asks that the proponent update the current facilities lighting and implement red-hued and coned lighting at the new facility.</p> <p>Reference: Spoelstra, K., et al., (2017). Response of bats to light with different spectra: light-shy and agile bat presence is affected by white and green, but not red light. <i>Proceedings of the Royal Society: Biological Sciences</i>, 284(1855). https://doi.org/10.1098/rspb.2017.0075</p>	<p>4.1. A variety of lighting systems are used at the current South Landfill facilities including standard streetlighting, building exterior lighting, traffic control lighting, and equipment lighting (i.e., headlights). It should be noted that lighting is minimal as the South Landfill has limited operations during non-daylight hours. When operations are during non-daylight hours (i.e., dawn or dusk), it is typically in the winter/short day season.</p> <p>4.2. Comment noted. Walker will incorporate low impact lighting at the proposed Phase 2 facility to minimize disruptions/impact to wildlife. Examples of low impact lighting include cone shaped, downward directed lighting, and red vs. white/blue spectrum lighting.</p> <p>4.3. Walker will update the current South Landfill facility lighting to coned shaped and red-hued lighting as maintenance and fixture replacement occurs.</p>			N/A
11	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 5 ToR – Page 5 – Section 2.2 Paragraph 2 <i>double composite liner system</i></p> <p>5.1. Is this double composite liner system periodically inspected to ensure that it is functioning as intended (ex. no cracks in the concrete or swelling of materials)?</p> <p>5.2. SNWSO understands that the facility has contingency measures in place to protect groundwater supplies, however, how often are these contingency systems inspected? What emergency measures are in place should any of the contingency measures fail?</p> <p>5.3. The more frequently these contingency measures are inspected, the more opportunity there is for fast intervention, and environmental remediation.</p> <p>5.4. SNWSO encourages a daily (or more) inspection to protect the environment and groundwater supplies.</p>	<p>5.1. The liner system currently used at our South Landfill has a number of features that ensure it is functioning as designed and protecting the environment. They include:</p> <ul style="list-style-type: none"> • An integrated leak detection system/layer that is monitored regularly to confirm the integrity of the primary liner; and • Regular groundwater monitoring around the landfill to ensure that groundwater is not impacted by the landfill. <p>5.2. The contingency measures utilized at Walker’s Niagara Campus incorporate a simple approach where groundwater from around the Campus flow in towards and under the Campus where it is controlled at a single location or control point before it moves offsite (similar to a sump in the basement of a house). Since groundwater flows in towards the Campus, if there was ever an issue with the liner, impacts cannot leave the Campus undetected (i.e., water cannot flow upgradient/uphill). Walker monitors the groundwater collection system regularly (quarterly) to ensure that groundwater is not impacted.</p> <p>If impacts are detected, emergency measures such as collection of this groundwater and treatment are available.</p> <p>5.3. Comment noted.</p> <p>5.4. The frequency of inspection and/or monitoring has been determined based on the slow movement of groundwater within the rock at these locations. These specific rock formations have a low permeability and water does not move quickly.</p>			N/A
12	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 6 ToR – Page 6 – Section 2.2 Paragraph 3 <i>economic viability of diversion as well as ensuring that there is a viable end market for the diverted material</i></p> <p>6.1 NWSO understands that economic viability is important for all levels of society from the average family household to the larger industrial waste-generators. However, it is disappointing that money is prioritized over the health and wellbeing of the lands in which we depend on for survival.</p>	<p>6.1. Comment noted. This statement reinforces the challenges with current recycling programs worldwide that you have noted in your comment #51 regarding plastic recycling.</p> <p>6.2. Comment noted. Walker agrees and as a fifth-generation family-owned company, Walker considers future generations when making business decisions today.</p> <p>6.3. Comment noted. Walker would like to look for ways it can help raise awareness about IP (internally amongst its employees and externally within the broader community) and incorporate IP into its business practices. We hope</p>			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					<p>6.2. The Environment would thrive without humans; but we cannot survive without a healthy environment.</p> <p>6.3. The Indigenous perspective (IP) tends to be more holistic, and understands that all species or non-human beings (wildlife, plants, the skies, waters, the land) all serve a purpose and are all worthy of protection. We as humans are no more or less important than the non-human beings. IP advocates for society go above and beyond legislative requirements in order to leave the environment better off than it was before. From the IP we are obligated to the future, we are obligated to ensure that there is a healthy environment for future generations to live, play, and enjoy.</p> <p>6.4. Does Walker advocate for increased waste diversion at the source (reduce, reuse, recycle programs), or try to make the waste-diversion more economically viable for generators? Does Walker provide any incentive for source waste diversion, ex. discounted rates for drop off should the waste-generators prove their increased diversion rates?</p>	<p>that continuing to build a meaningful and respectful relationships with Six Nations of the Grand River will help play a role in helping us achieve these goals.</p> <p>6.4. Walker actively advocates for increased reduction, reuse, and recycling of materials at the source in many ways including:</p> <ul style="list-style-type: none"> • Providing public and school tours of our Resource Management Campus to help educate and build awareness on how waste and resources are managed; • Providing educational talks to increase awareness and create improved behaviors (i.e., reminding people what belongs in a green bin to dispel myths/provide knowledge); and • Working with customers to provide feedback on best practices (i.e., advise roofing companies to put shingles only in their shingle bins (and not wood, plastic, garbage). This makes it easier/reduces the cost of recycling the shingles. We will offer incentives/discounts to incentivize best practices where possible. 			
13	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 7 ToR – Page 6 – Section 2.2 Paragraph 4 <i>incoming waste from Generators with approved Waste Profiles is subject to inspections and random sampling to ensure it is consistent with the pre-screening analysis</i></p> <p>7.1 After the initial Waste profile is created: How often is the waste requiring disposal randomly analyzed by environmental technicians and the labs?</p> <p>7.2 SNWSO encourages landfill operations to conduct random sampling frequently (ideally it would be every drop-off), to ensure that no toxic/hazardous waste is slipping through the cracks and entering the landfills.</p> <p>While this may not be economically viable and would inevitably slow down operations, it would be ensuring due-diligence is conducted, and would be going above and beyond for environmental protection.</p>	<p>7.1. Only wastes that are consistent waste streams may be subject to compliance testing, if from the same generator. Wastes that are not consistent waste streams must seek approval with required testing for each disposal. Approved general wastes (household waste, ICI, C&D) are not randomly sampled, but are visually inspected upon arrival and during disposal.</p>			N/A
14	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 8 ToR – Page 6 – Section 2.2 Paragraph 4 <i>a Waste Rejection Report is issued.</i></p> <p>8.1. What happens after a Waste Rejection Report is issued? Are the waste-generators required to come pick the material up? Is a fine issued?</p> <p>8.2. How is this rejected waste handled? Is the waste taken to an appropriate disposal facility?</p> <p>8.3. What, if any, enforcement is used to ensure that the rejected waste ends up at the appropriate facility rather than left at South Landfill or worse, illegally dumped.</p>	<p>8.1. If the unacceptable waste was identified while unloading and the truck was still onsite, the unacceptable waste would be reloaded and returned to the customer. If the unacceptable material was identified after the truck had left the site, the customer would be required to pick the material up. An investigation by Walker staff with the customer occurs. If Walker is not satisfied with the outcome of the investigation, the customer or waste generator will be banned from using the landfill. Waste acceptance requirements are reviewed with the customer to prevent future occurrences.</p> <p>8.2. If the customer did not come back to pick up the unacceptable waste, a waste hauler licensed to transport the unacceptable waste would be contacted to remove the waste and manage it appropriately.</p> <p>8.3. Further to 8.2., all of this customer's approvals would be suspended and the customer will be prohibited from using Walker's landfill services.</p>			N/A
15	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 9 ToR – Page 6 – Section 2.2 Paragraph 5</p>	<p>9.1. The was a typographical error and the following statement has been removed from the ToR "unless the truck has been previously weighed and recorded on the weigh bill". Every truck entering the site is scaled in and out.</p>			To be updated in Final ToR

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					<p><i>unless the truck has previously been weighed, and recorded on the weigh bill</i></p> <p>9.1. Please explain the logistics of this caveat.</p> <p>Does this refer to trucks that were already weighed on site, within the same trip/facility entry?</p> <p>What if a truck is weighed (ex. 10am), and within the same day the truck comes back with a second load of waste (11:30am)? Will this truck be weighed again?</p> <p>Why not just weigh every truck that comes to the facility, without this caveat?</p>				
16	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 10 ToR – Page 6 – Section 2.2 Paragraph 5 <i>the load is segregated within the fill area and subjected to sampling and compliance testing.</i></p> <p>10.1. Do the trucks wait for their waste to be sampled and for test approval (pass) before leaving the site?</p> <p>10.2. If the trucks are allowed to leave the site, in theory the damage is already done. The unacceptable or non-compliant materials are already on site, and could already be leaching or emitting toxins. Especially, if the non-compliant material is well hidden (or liquid waste) during the landfill operators examination of the tipping/unloading of the truck.</p> <p>How does Walker proceed with the dropped off load, the truck operator, and the waste-generator if the load is found to be non-compliant?</p>	<p>10. Waste that is segregated and subject to compliance testing is dropped off in the compliance area, and the truck leaves the site. A TCLP sample for metals, inorganics, VOCs, and Bulk PCBs is taken and once analysis is received from lab, it is reviewed for compliance. If the sample fails (i.e., exceeds O. Reg. 347 Table 4 Leachate Quality Criteria), the generator is notified, the waste approval is suspended, and the generator must pick up and remove the waste.</p> <p>Further investigation into the waste stream and the generator then occurs. It is noted that only wastes that are consistent waste streams are subject to compliance testing, if from the same generator. Wastes that are not consistent waste streams must seek approval with required testing for each disposal. The compliance area is segregated from the tipping face and other landfill operations.</p> <p>If unacceptable waste is identified during disposal at the tipping face, it is segregated and reloaded back onto the truck it arrived on. If the truck has left, the generator would be notified and required to pick up the unacceptable waste.</p> <p>10.2. The compliance area is within the landfill which includes a liner system. It is in a conspicuous place (i.e. not hidden). Liquid wastes are not permitted and would not be allowed onsite.</p>			N/A
17	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 11 ToR – Page 6 – Section 2.2 Paragraph 6 <i>If any non-compliant material is uncovered, the operator contacts the environmental technicians and appropriate actions are taken to remove the non-compliant materials.</i></p> <p>Are the trucks still on site while materials are spread in even lifts?</p> <p>11.1. Again, what enforcement is taken to ensure that the generators/trucks of the non-compliant waste come back to pick up their waste and dispose of it appropriately? What if no one comes back to deal with their non-compliant waste?</p>	<p>11. If unacceptable waste is identified during disposal at the tipping face, it is segregated and reloaded back onto the truck it arrived on. If the truck has left, the generator would be notified and required to pick up the unacceptable waste.</p> <p>If the customer did not come back to pick up the unacceptable waste, all of the customers approvals would be suspended and prohibited from landfill services. A waste hauler licensed to transport the unacceptable waste would be contacted to remove the waste and dispose of it at an approved facility.</p>			N/A
18	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 12 ToR – Page 7 – Section 3 (bottom of page 7) <i>Phase 2 of the South Landfill and continue the current operations at its Campus</i></p> <p>12.1. How many more tonnes will Walker Landfill be able to manage and process on the Phase 2 lands?</p> <p>12.2. How much more organic waste (compost) could be created?</p>	<p>12.1. Phase 2 would provide an additional 18 million tonnes in-place (or cubic metres) if developed. This is similar the capacity of South Landfill Phase 1.</p> <p>12.2. Walker’s composting business is separate from the waste disposal business in that food waste is collected separately. Compost is not produced from waste that is destined for the landfill. Walker is continually investing in and growing its composting business as evidenced by the \$40 million investment at its All-Treat Farms location to make it the largest composting site in Canada.</p>			N/A

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					<p>12.3. How many homes could be powered by the additional landfill space and the conversion of LFG to RNG? How many more megawatts of electricity will be created using LFG-to-Energy?</p> <p>12.4. How many more jobs will be created/maintained by the expansion into phase 2 lands (beyond the current 500+)?</p>	<p>12.3. It is estimated that Phase 2 would provide an additional 10 MW of renewable electrical power which is the equivalent amount of energy to power approximately 10,000 homes.</p> <p>12.4. Continuation of the Walker's waste disposal business allows approximately 245 jobs related to the landfill to continue. It would also ensure an additional 224 jobs related to ancillary businesses such as the compost, resource recovery, and transportation businesses would continue.</p>			
19	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 13 ToR – Page 8 – Section 3 (2nd paragraph on page) <i>expanding the capacity of an existing facility</i></p> <p>13.1. Has this alternative, to increase the capacity of the phase 1 landfill, been explored? If not, why?</p> <p>13.2. Are there any risks associated with expanding the capacity of the Phase 1 lands?</p> <p>13.3. Rather than expanding into phase 2 land, and taking up more land space, why not increase the density or capacity of the existing phase 1 site?</p> <p>13.4. While SNWSO are not experts in waste management, this seems like a legitimate alternative to the phase 2 expansion.</p> <p>13.5. The Phase 2 quarry lands could instead be remediated, and used for environmental mitigation and offset (i.e using the separated organic waste/compost to create wildlife habitat and used for tree planting/ Phyto-remediation etc.).</p>	<p>13.1. Yes, alternative methods of providing additional disposal were explored and outlined in Section 5.1. which included increasing the capacity of Phase 1. It was determined that increasing the capacity of Phase 1 (i.e., increasing the height) would not provide sufficient capacity.</p> <p>13.2. As noted in response 13.1. above, increasing capacity of Phase 1 was not feasible.</p> <p>13.3. See comments above.</p> <p>13.4. See comments above. There are regulatory (O. Reg. 232/98) and technical constraints (slope steepness) to increasing the capacity of Phase 1.</p> <p>13.5. When looking at potential end uses of Phase 2, Walker will include naturalization as an option.</p>			Section 5.1 of the ToR
20	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 14 ToR – Page 9 – Section 3.1 (1st paragraph on page) <i>residential and IC&I residual material disposal services for materials</i></p> <p>14.1. Since Walker takes only nonhazardous materials that come from residential and IC&I sectors, is there asbestos tests/monitoring?</p> <p>14.2. Shingles have been mentioned for recycling programs, but what about other housing/construction materials that may be coming from demolitions/ home remodels?</p> <p>14.3. Shingles and other construction materials can contain asbestos, which would be a hazardous material.</p> <p>14.4. What hazardous materials are tested for during the drop off compliance testings?</p>	<p>14.1 Walker is approved to receive asbestos waste in the South Landfill Phase 1 and there are strict conditions on the type of asbestos (non-friable) that is permitted and requirements for testing and how it is received and managed.</p> <p>14.2. Walker recovers and recycles/works with recyclers of other materials from housing/construction projects including white goods (i.e., fridges, washing machines), electronics, construction wood, and metal.</p> <p>14.3. See comment response 14.1. above.</p> <p>14.4. Hazardous materials are not acceptable at the landfill. Waste that is segregated and subject to compliance testing is dropped off in the compliance area, and the truck leaves the site. A TCLP sample for metals, inorganics, VOCs, and Bulk PCBs is taken and once analysis is received from lab, it is reviewed for compliance. If the sample fails (i.e., exceeds O. Reg. 347 Table 4 Leachate Quality Criteria), the generator is notified, the waste approval is suspended, and the generator must pick up the waste.</p>			N/A
21	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 15 ToR – Page 10 – Section 5.1 (2nd paragraph on page) <i>Quarry, as this is the only location within Walker's existing Resource Management Campus that could feasibly accommodate the proposed expansion capacity of 18 million m³.</i></p> <p>15.1. Again, why can't the existing south landfill (phase 1 lands) be altered to accommodate the capacity expansion of 18.8 million m³?</p>	<p>15.1. See responses to comment 13 above.</p>			N/A
22	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 16 ToR – Page 12 – Section 5.1 (1st paragraph on page) <i>expanding them</i></p>	<p>16.1 Noted and agreed. Upgrading and maintaining existing infrastructure will be required which may include complete rebuilds. However, (re)use of this infrastructure is preferred vs developing new lands to build new infrastructure (e.g., existing entrance to the site). While Phase 1 infrastructure currently</p>			N/A

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					16.1. SNWSO suspects that majority of the above infrastructure and environmental control measures will require expansion/upgrades to reach the Phase 2 lands. Is Walker prepared to go above and beyond to ensure greater environmental protection during the design of phase 2 (compared to what exists for phase 1)?	meets all regulatory requirement for protection of the existing environment, Walker will ensure infrastructure required for Phase 2 will also protect the environment. Any requirements to update, enhance, rebuild or expand this infrastructure will be assessed during the EA.			
23	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 17 ToR – Page 12 – Section 5.1 (3rd paragraph on page) <i>Each of the conceptual designs will incorporate the following elements:</i></p> <ul style="list-style-type: none"> • Buffer zones between the proposed South Landfill Phase 2 footprint and the property boundary • Setbacks to surrounding developments • Contours and slopes of the final cover • Peak elevation and height relative to surrounding landscape • Footprint size • Leachate generation rates • Infrastructure requirements <p>17.1. SNWSO loves that buffers/setbacks, and leachate generation rates are being measured and considered.</p> <p>17.2. Typically SNWSO asks for a buffer of 60m from wetlands/waterbodies (Welland Canal, Ten Mile Creek, Shriners Creek Wetland Complex), woodlands, wildlife habitats, or any natural feature. This 60m is used as a minimum, if it is possible for Walker to create a larger buffer, please do so. Having a larger buffer would allow Walker's operations to align with their EARTH 1st Philosophy and "empower Walker to go beyond compliance and move towards higher environmental standards."</p>	<p>17.1. Comment noted.</p> <p>17.2. Walker will evaluate buffers and setbacks from natural features during the Alternative Methods assessment and identify opportunities to maximize and/or enhance setbacks and buffers, where possible.</p>			N/A
24	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 18 ToR – Page 15 – Section 6.2.1.1 (2nd Paragraph) <i>3 to 15 m and is relatively porous due to the presence of natural fractures, vugs (small solution voids), larger cavities, and occasional fossiliferous zones.</i></p> <p>18.1. Since the area is 'relatively porous' it seems that if leachate were to escape leachate collection system (LCS) there would be a high rate of infiltration into the ground water table.</p> <p>18.2. Despite the natural salinity and the non-potable status of the groundwater, the consequences of the leachate filtrating into the groundwater could be detrimental for the surrounding soil and water quality. As any leachate leaks will not strictly impact the SSA, there could be far reaching and negative cumulative impacts to the LSA (and beyond) such as reducing sensitive species habitat and diminishing biodiversity. The nearby agricultural fields, woodlots, or surrounding waterbodies (Ten Mile Creek, Welland Canal, Shriners Creek Wetland Complex) could be negatively impacted by any leachate leaking.</p> <p>18.3. How often is the LCS (including the settling ponds) monitored for leaks, breaches, and for toxicity levels? Are there any contingency plans should the leachate ever escape the collection/treatment system?</p> <p>18.4. Out of curiosity, how might the organic waste (compost) impact the toxic leachates' influence on soil quality? Would the organic matter absorb and 'trap' the movement of leachate; could the organic matter neutralize the leachate toxins?</p>	<p>18.1. As noted in comment response 5.2., the contingency measures utilized at Walker's Niagara Campus incorporate a simple approach where groundwater from around the Campus flow in towards and under the Campus/South Landfill where it is controlled at a single location or control point before it moves offsite (similar to a sump in the basement of a house). Since groundwater flows in towards the Campus, if there was ever an issue with the liner, impacts cannot leave the Campus undetected (i.e., water cannot flow upgradient/uphill). Walker monitors the control point regularly (quarterly) to ensure that groundwater is not impacted.</p> <p>Therefore, the 'porosity' of bedrock in this scenario does not increase the risk of leachate impacting the environment. The porosity allows Walker to predict and understand how groundwater flows so we can monitor and confirm that leachate is not escaping. If it did, the system described above (e.g., an inward groundwater gradient) would allow Walker to capture the leachate and treat it.</p> <p>18.2. Comment noted. See comment above which describes how groundwater flows inward toward the Campus/South Landfill and not outward towards Ten Mile or Shriners Creek.</p> <p>18.3 The leachate collection system, including leachate ponds, are monitored regularly. Some components are inspected daily, some weekly, some monthly, and some quarterly to ensure everything is working as designed. In addition, there is a significant surface and groundwater monitoring program around the South Landfill/Campus to ensure the environment is protected.</p> <p>18.4. This is an interesting question and it is well known, and currently demonstrated at Walker, how organic matter like soil, compost or woodchips</p>			N/A

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						can be used to capture or filter contaminants. In the case of our compost facility, we use wood chips as a biofilter for odour control. Compost overs/residuals are used in small areas of the landfill where landfill gas collection might be limited to absorb and oxidize methane emissions. Organic matter can be used as a form for water treatment as well. Constructed wetlands are an example of using mother nature or biomimicry to protect the environment.			
25	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 19 ToR – Page 15 – Section 6.2.1.1 (5th Paragraph) <i>Groundwater movement in the Rochester unit is primarily horizontal due to the bedded nature</i></p> <p>19.1. This suggests that any contaminants that escape the LCS may have the ability to travel to other sensitive features in the surrounding area (i.e spring fed ponds, wetlands, woodlots, Welland Canal).</p> <p>Again, does Walker have contingency plans for mitigation and remediation should the LCS fail?</p>	19.1. Comment noted. See comment response 18.1.			N/A
26	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 20 ToR – Page 16 – Section 6.2.1.1 (1st Paragraph on page) <i>or discharged to the Old Welland Canal under appropriate conditions</i></p> <p>20.1. Please explain what 'appropriate conditions' would be.</p> <p>20.2. SNWSO does not believe leachate should be discharged into any surrounding waterbody. Even if the leachate was rated "clean" by Provincial Water Quality Standards (PWQS).</p> <p>20.3. From the Indigenous Perspective the PWQS is not strict enough. With the future generations in mind, we should <u>not</u> aim to pollute within specific parameters deemed "safe," instead we should aim to not pollute the waters at all. Society should aim to maintain the water quality that was present pre-settlement/ pre-colonialism. As the cumulative effects/long-term impacts from even minor pollutant releases into water is poorly understood. Only recently has society realized the detrimental impacts of legacy pollutants; 20 years from now we may realize what we release today is just as problematic.</p>	<p>20.1. The term 'appropriate conditions' refers to the process of testing the water to ensure it is not impacted from landfill operations before discharging it. This is an added safety to protect the environment.</p> <p>20.2. The water seepage areas and spring fed ponds referred to here are describing natural groundwater springs located in the vicinity of the Walker Campus. Leachate is not discharged into these springs or any surrounding waterbodies.</p> <p>20.3. Comment noted. In most cases, stormwater or non-contact water discharged from the site is well below PWQO's. Walker recognizes that while PQWO's are objectives or limits, we should aim to minimize impacts as much as possible and look for opportunities to do better than regulatory requirements. There are many examples of this, here at Walker, from use of regionally genetic and Indigenous species of seeds and plants when naturalizing areas to setting internal standards for environmental protections like double-walled vacuum fuel tanks where standards may require less protection. We would be happy to illustrate this approach to protecting the environment through further discussions.</p>			N/A
27	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 21 ToR – Page 16 – Section 6.2.1.2 (4th Paragraph) <i>A number of water seepage areas and spring fed ponds are present north of the SSA,</i></p> <p>16.1. If under current conditions the surface water flows north to Lake Ontario, it is possible that water from the landfill may find it's way to these sensitive water features north of the SSA.</p> <p>16.2. How often is the proponent ensuring that the LCS is functioning as intended and tested for toxicity levels?</p> <p>16.3. Has the LCS ever been overwhelmed and breached during extreme weather events? Is the LCS designed to handle a 100-year storm? Could the LCS handle a Hurricane Hazel event or a similar precipitation event?</p> <p>16.4. It important to SNWSO that if the phase 2 expansion proceeds, it is designed with every possible environmental protection measure, and considers how climate change may impact current design standards. SNWSO encourages Walker to go above and beyond.</p>	<p>16.1. While this sentence is a general statement that surface in the area ultimately flows to Lake Ontario, there are multiple controls that prevent any water that comes into contact with waste (i.e., rain that falls on the landfill) from reaching Lake Ontario without prior treatment.</p> <p>16.2. The LCS is inspected at multiple frequencies at multiple locations. Some locations have real-time monitoring to ensure levels do not exceed certain parameters (i.e., leachate sump chambers), some locations are visually inspected weekly to ensure good working order, and other locations/elements of the LCS are inspected annually.</p> <p>16.3. No. The LCS has never been overwhelmed or breached. There are multiple redundancies to ensure the system has capacity to handle regional storm events (i.e., Hurricane Hazel).</p> <p>16.4. Walker will be considering a changing climate in this EA, including designing infrastructure to account for future conditions (i.e., increased intensity/frequency of extreme weather, etc.).</p>			N/A

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28	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 22 ToR – Page 16 – Section 6.2.1.2 (5th Paragraph) <i>applicable discharge criteria</i></p> <p>22.1. What is the discharge criteria?</p> <p>22.2. Please see previous comment regarding the PWQS. Please try to avoid releasing any toxins, or excessive nutrients into the surrounding waterbodies and the ditches. Regardless if the leachate is rated "safe" by water quality standards, adding extra nutrients or toxins to our water is not appropriately caring for our Mother Earth.</p>	<p>22.1. The discharge criteria for these non-contact stormwater ponds is set out in the Environmental Compliance Approval for the facility and would be consistent with PWQO's.</p> <p>22.2. Comment noted. Please refer to comment response 20.3. above. For clarity, these ponds do not handle leachate, they handle clean stormwater or precipitation that falls on capped portions of the landfill where the precipitation does not come into contact with waste.</p>			N/A
29	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 23 ToR – Page 16 – Section 6.2.1.2 (6th Paragraph) Collectively, these drainage pipes are known as the WEG Drainage System (WDS).</p> <p>23.1. Is it possible that the existing WEG Drainage system lines could act as a wildlife corridor through the landscape?</p> <p>23.2. SNWSO is unsure if Walker owns the lands above this pipe system, or the ownership logistics of this process. But if it is possible, Walker could plant vegetation and trees along this pipe's pathway, and create a refuge for wildlife transversing through the landscape. Creating a wildlife corridor would be a great measure in term of offsetting Walkers impact on the broader landscape.</p>	<p>23.1. Yes, and no. This system is an underground piping system, some of which is located beneath or near parts of the Walker Campus (i.e., roads, facilities, etc.). However, parts of the system are located underground along buffer areas or closed parts of the East Landfill which have been re-naturalized and may provide corridors for wildlife.</p> <p>23.2. Comment noted. Walker will evaluate opportunities to naturalize areas, where possible, along the route of the WEG drainage system. Additionally, Walker has received other comments on the South Landfill EA focused on maximized buffer area and creating connectivity through the many naturalized areas of the Campus. Walker will be evaluating opportunities to naturalize buffer areas and extend and/or link wildlife corridors as part of this EA.</p>			N/A
30	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 24 ToR – Page 17 – Section 6.2.1.2 (2nd paragraph on page) <i>If required, the accumulated runoff is batch discharged to a roadside ditch along Thorold Townline Road, which ultimately flows to the Old Welland Canal.</i></p> <p>24.1. If SNWSO understands correctly, all the surface water is collected from East and South Quarries/landfills and enters the WDS, and is discharged into the Welland Canal, or roadside ditch. Or the surface runoff is collected in SWMP (for solids to settle) and is then discharged into the Canal.</p> <p>24.2. Does any water testing take place before discharge from WDS or the SWMP? If it is found that there are high levels of contaminants present, is the runoff sent back to the LCS for "holding" or for further settlement/separation?</p> <p>24.3 What if there is an extreme precipitation event, how are WDS/ SMWP overflows handled?</p> <p>24.4. This system seems to prioritize removing the water quickly vs protecting the environment from contaminants, which does not align with the IP.</p> <p>24.5. SNWSO are not engineers, but is there technology available that could provide a better, more environmentally friendly, method of handling surface run off? Could more check systems be added to ensure that runoff/discharge is clean?</p>	<p>24.1 Non-contact water (precipitation/water that has not come into contact with waste) is collected in several stormwater management ponds on site where it is held, allowed to settle to reduce any natural clayey sediment and tested before it is released to either roadside ditches, Ten Mile Creek or the Welland Canal.</p> <p>24.2. Yes, testing takes place before water is discharged from either a stormwater management pond or the WDS. If testing determines that water exceeds the limits for discharge to the environment, the water can be redirected to the leachate collection system where it will undergo treatment before being released to the environment.</p> <p>24.3. The WDS and SWMP are designed for extreme weather events.</p> <p>24.4. This is not true. Water can be held in stormwater management ponds for weeks or even months before releasing water. Quality and quantity control are both key functions of the SWMPs (i.e. controlled release of water to supply local water sources while maximizing water quality).</p> <p>24.5. Batch testing ensures that any water released from the SWMP is clean. The SWMP have additional plants and vegetation (much like a wetland) to further improve water quality before it is released. Walker can assess additional approaches to maximizing water quality at its stormwater management facilities, specifically Phase 2, to include temperature control via shade trees, native species plantings and additional polishing techniques.</p>			N/A
31	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 25 ToR – Page 17 – Section 6.2.1.3 (5th Paragraph) <i>their contributions to the sensitive receptors and other off-site locations.</i></p> <p>25.1 What steps is Walker taking to go above and beyond legislative requirements in order to minimize/prevent these emissions (VOCs,</p>	<p>25.1 As noted earlier, Walker goes well above and beyond of legislative requirements to minimize air emissions at its landfills namely by investing in renewable energy facilities. The regulatory requirement baseline is to collect and flare landfill gas, which would be a cost to a landfill operator. Walker takes this multiple steps beyond the regulatory requirement and uses the landfill gas to produce renewable electricity and methane, which is used as a fuel source.</p>			N/A

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					<p>reduced sulphurs, combustion by-products, dust etc)? Compliance with the MECP air quality benchmarks is a great start, but SNWSO encourages Walker to push that compliance even further.</p> <p>25.2. Could Walker invest in existing technology or in researching technology that could reduce the emissions even further? Or could Walker find a method to collect dust, VOCs, and combustion by-products and find alternative uses for them?</p>	<p>Walker is therefore incentivized to capture as much landfill gas as possible, which in turn reduces emissions.</p> <p>25.2 Walker is currently investing in drone technology to help identify if/where any emissions may be occurring. Additionally, Walker is working with the University of Carleton to develop biocover and biowindow technology where woodchip/compost like material can be placed over areas of a landfill where emissions might be occurring. The microbes in the material oxidize and destroy methane or VOC emissions and act as filter. Walker has been using this technique for years and is doing research to optimize it.</p>			
32	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 26 ToR – Page 18 – Section 6.2.1.4 (3rd Paragraph) <i>white-tailed deer wintering area (Stratum 2).</i></p> <p>26.1. Deer hold immense cultural value for Six Nations people as a source of sustenance. Undoubtedly the expansion of the Phase 2 Landfill will have impacts for deer overwintering areas (fields/ woodlots) and their migrations across the landscape. However, deer are not often considered for the same protection that SAR species are.</p> <p>26.2. Please note that while species of endangered and threatened status are of importance to Six Nations, SAR is not an inclusive list of all of the other species that may also be considered important. As from the IP, SAR and other legislation tends to be short-sided; legislation does not consider all wildlife to be worthy of protection.</p> <p>26.3. Species (i.e deer, turkey, rabbits etc) that have sustenance, cultural, medicinal value, and are still used today, are often not included in these lists - and thus impacts are often not mitigated. SNWSO encourages the proponent to avoid disrupting this overwintering habitat, as doing so may infringe on hunting and harvesting treaty rights.</p> <p>26.4. Please endeavor to include the culturally important species in follow up assessments and studies to ensure that indigenous values are recognized and accounted for.</p>	<p>26.1. The majority of the Phase 2 project will be developed in an existing quarry, so it is unlikely there will be any significant impact to deer and their habitat. Conversely, the ultimate end use of the closed landfill could provide increased habitat for deer resulting in a net benefit, as we have seen with other closed landfills that are naturalized.</p> <p>26.2. Comment noted, see comment response 26.4. below.</p> <p>26.3. Comment noted, see comment response 26.3. below.</p> <p>26.4. Walker will commit to engage Indigenous communities during the EA and ensure plant and animal species with cultural significance are considered during baseline assessments, impact assessments, and the development of any mitigation measures. Appendix C-4, Table 4 has been updated accordingly to include culturally significant species in the evaluation criteria: “Effect on culturally significant species to Indigenous peoples, and rare (vulnerable), threatened, or endangered species of flora or fauna or their habitat.”</p>			Appendix C-4, Table 4
33	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 27 ToR – Page 18 – Section 6.2.1.4 (3rd Paragraph) <i>Portions of the aforementioned woodlot contain a non-provincially significant Ten Mile Creek Wetland Complex. The Ten Mile Creek Wetland Complex is located immediately north and abuts the limits of the SSA.</i></p> <p>27.1. What efforts will Walker take to protect and/or mitigate impacts to the woodlot and the creek wetland complex?</p> <p>27.2. This area provides numerous invaluable ecosystem services (i.e. carbon sequestration, water retention and filtration, soil regeneration and retention, wildlife habitat, aesthetics, etc). If this landfill expansion will negatively impact these natural features the loss of these services would be impossible to properly replicate or replace.</p> <p>SNWSO encourages Walker to ensure that proper mitigation and/or protection measures are in place to prevent the disturbance or destruction of the surrounding natural areas.</p> <p>27.3. We also encourage Walker to go above and beyond to protect these natural features, despite the lack of "provincially significant" status.</p> <p>Who are humans to decide what is significant and what is not, wildlife does not conform to human-made labels. Who knows maybe in a decade, with the increasing pressure to develop more homes, roads, and services, this non-provincially significant wetland may become significant due to the increasing loss of surrounding habitat and natural landscapes.</p>	<p>27.1. The next phase of the EA will set out any mitigation required for the woodlot or Ten Mile Creek wetland complex. Walker will continue to engage and consult with Six Nations as the EA progresses.</p> <p>27.2. Impacts from Phase 2 will be further assessed at the next stage in the EA. However, it is important to note that the re-use of an existing quarry mitigates impact to the ecosystem by re-using existing industrial lands and not resulting in a loss of woodlots or wetlands.</p> <p>27.3. Walker has updated Appendix C4 – Terrestrial & Aquatic Environment Work Plan to include the assessment of all wetlands, not just provincially significant wetlands.</p>			Appendix C4 – Terrestrial & Aquatic Environment Work Plan

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34	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 28</p> <p>ToR – Page 18 – Section 6.2.1.4 (4th Paragraph)</p> <p><i>Two non-provincially significant (Ten Mile Creek Wetland Complex and Shriners Creek Wetland Complex) have been identified on the east portion of the SSA.</i></p> <p>28.1. The provincially significant wetland designation is another piece of "legislation" that SNWSO finds to be short sided.</p> <p>A wetland is a wetland, and still has the potential to provide wildlife habitat and perform invaluable ecosystem services (i.e. water retention and filtration, carbon sequestration etc.), and each wetland is worthy of protection regardless of human labels.</p> <p>Regardless of the non-provincially significant status of these wetlands, SNWSO implores the proponent to avoid impacting these wetlands, and accommodate or mitigate for them when designing and operating the Phase 2 expansion. Ultimately, the protection of the wetlands should also be considered for the existing Phase 1 (and other proximal Walker facilities).</p>	28.1. See comment response 27.3. above.			N/A
35	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 29</p> <p>ToR – Page 18 – Section 6.2.1.4 (4th Paragraph)</p> <p><i>White-tailed deer wintering area (Stratum 2) are located within these wooded communities. A small residential community is located approximately 500 m east of the SSA.</i></p> <p>29.1. Please refer to previous comment regarding the importance of deer to SN.</p>	29.1. See comment response 26.4. above.			N/A
36	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 30</p> <p>ToR – Page 19 – Section 6.2.1.4 (1st Paragraph on page)</p> <p><i>There are several permanent and ephemeral streams that flow from this southern portion into the Welland Canal.</i></p> <p>30.1. Ephemeral pools/streams are habitat for many salamanders and are crucial for their breeding. These streams should be accommodated and mitigated for during the design and operation of the South Landfill (both Phase 1 and 2), and the other proximal Walker facilities.</p>	30.1 Potential impacts to permanent and ephemeral streams will be identified and assessed, and appropriate mitigation measures recommended, as part of this EA.			N/A
37	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 31</p> <p>ToR – Page 19 – Section 6.2.1.4 (3rd Paragraph on page)</p> <p><i>The significance of any of these identified natural heritage features, as defined in the Niagara Official Plan and City of Niagara Falls Official Plan, will be evaluated through the EA process. Further, a determination of candidate and confirmed Significant Wildlife Habitat will also be evaluated.</i></p> <p>31.1. SNWSO finds this statement to be highly problematic. This way of thinking does not align with the IP at all.</p> <p>As previously mentioned, legislation tends to be short sided, and the "significance" of these natural features should not be defined by human-centric official plans, or provincial criteria.</p> <p>All the mentioned woodlots, wetlands, riparian zones, and the habitats present in between, should be considered significant because they all serve a purpose and are worthy of protection. The IP considers each of these features to be their own entity, worthy of the same respect that you would give a human. They perform invaluable services (carbon sequestration, habitat, water retention and filtration, soil retention, decomposition etc.), and they cannot be easily replaced if they are negatively impacted or destroyed.</p> <p>Additionally, these natural heritage features provide wildlife with natural corridors for them to cross, and migrate within an increasingly developed</p>	<p>31.1 All natural heritage features and functions identified as part of the EA will be considered, regardless of whether they meet the criteria for significance or not. The text has been revised as follows to clarify that the word significance is a term used in the official plans to categorize natural heritage features, rather than meant as an overall assessment of how worthy of protection and mitigation a feature is:</p> <p>The 'significance' (as defined in the Niagara Official Plan and City of Niagara Falls Official Plan) of any of these identified natural heritage features will be evaluated through the EA process.</p>			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					landscape. If these features were to be degraded by the landfill expansion, the cumulative effects would be devastating. SNWSO implores the proponent to consider these natural heritage features as important, and worthy of protection, accommodation, mitigation.				
38	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 32 ToR – Page 19 – Section 6.2.1.4 (4th Paragraph on page) <i>Habitat suitability for each species will be cross-referenced with available habitats within the SSA and LSA to evaluate the likelihood and presence of SAR within the study areas.</i></p> <p>32.1. SNWSO encourages the proponent to adopt a multi-season, multi-year survey effort (using Best Management Practices (BMPs)) to create a comprehensive understanding of ALL the wildlife and habitat present (not just SAR) within the SSA & LSA .</p> <p>This approach allows surveyors to account for any seasonal or annual variability and to create a comprehensive picture of the wildlife using the area. A comprehensive picture should be created in order to fully understand the impacts that development activities will have on the wildlife and in order to appropriately avoid, minimize, then mitigate/ accommodate those impacts.</p> <p>SNWSO believes that a great way to go above and beyond, would be to compare the Phase 2 SAR and natural heritage feature assessments to the previously conducted surveys for Phase 1, and the original quarry EA's. This historical ecological data provides an unique opportunity, that not many proponents have. Comparing the present survey results to the historical ones would be an amazing way to show how, or how not, the landscape has changed in terms of the species present and the health of the natural features. This comparison could also highlight a path forward, in terms of how the proponent could mitigate or offset the impacts that the quarry/landfill had.</p>	32.1. An additional year of baseline natural environment investigations will be completed in the 2025 field season. Available historical ecological data will also be reviewed to further inform natural environment existing conditions in the Site and Local Study Areas as part of this EA.			N/A
39	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 33 ToR – Page 19 – Section 6.2.2.1 (3rd Paragraph) <i>with single detached dwellings also situated further north along Garner Road</i></p> <p>33.1. Are the surrounding single residential dwellings connected to municipal water/waste water systems, or are they on private well/septic systems?</p> <p>33.2. If this landfill ever had an issue with leachate escape/leaks it could create a problem for private water systems. SNWSO believes it would be good due-diligence to test these private systems (before and after phase 2 is in operation) to ensure that the surrounding water supply is not tainted. Especially those in the North, since that is the direction the ground/surface water flows.</p> <p>Does Walker have any records relating to these residential units and their water or soil quality ? Have any tests been performed by Walkers during the history of their land-use (Phase 1, Quarries, East Landfill etc). Considering the proximity of Walker's industrial properties to these residential properties, SNWSO encourages the proponent to reach out to the landowners and offer to perform water/soil quality tests if that has not already been completed.</p>	<p>33.1. The surrounding residential dwelling are connected to municipal water services. Some dwellings may have private wells for non-potable uses (i.e., irrigation, etc.).</p> <p>33.2. During the EA, Walker will offer water testing to neighbours (with wells) within approximately 1.5 km of the SSA to obtain additional data for characterization of the local groundwater regime and provide pre-development water quality baseline information (i.e., a Water Use Survey).</p> <p>Appendix C1 – Geology & Hydrology, Table 1 has been updated to include a Water Use Survey.</p>			Appendix C1 – Geology & Hydrology, Table 1
40	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 34 ToR – Page 20 – Section 6.2.2.1 (3rd Paragraph on page) <i>Narrow sections along the eastern boundary of the SSA are shown to be part of the Natural Environment System</i></p> <p>34.1. SNWSO believes that the areas designated or zoned for the Natural Environment System could be a great space for Walker to provide</p>	34.1. Agreed. As Walker has demonstrated, buffer areas and other Walker property has been enhanced by improving habitat, providing educational elements (i.e., interpretive signage), recreation and active outdoor lifestyle. Walker will continue identifying opportunities to enhance the natural environment around the Campus as mitigation to any identified impacts from Phase 2.			N/A

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					<p>Environmental compensation (i.e. plant trees/vegetation, create habitat offset areas, install habitat features etc.) in order to mitigate the existing and future impacts on the overall landscape.</p> <p>These habitat offsets should be protected indefinitely to ensure that Walker's efforts are realized, and to allow the vegetation the time to become functional habitat. SNWSO encourages Walker to go above and beyond and work to implement comprehensive habitat mitigation/ offset strategies, for future generations to enjoy.</p>				
41	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 35 ToR – Page 20 – Section 6.2.2.1 (4th Paragraph) <i>with relatively minor areas designated as Environmental Conservation Area and Environmental Protection Area.</i></p> <p>35.1 Are there ways that Walker could create more Environmental Conservation/Protection Areas both on and off-site as environmental mitigation and offset measures?</p>	35.1. Yes, as part of this EA, areas that can be naturalized and/or protected will be identified as part of any mitigation or offsetting measures.			N/A
42	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 36 ToR – Page 20 – Section 6.2.2.1 (5th Paragraph) <i>The visual character of the SSA reflects the efforts made to visually screen/buffer the current quarry operations. Berms, and rehabilitation plantings surround much of the SSA, giving it an early successional vegetative character. The eastern and southern boundaries of the SSA are adjacent to the Ten Mile Creek, which was realigned in the early 2000's, at which time rehabilitation plantings were introduced to the creek bed, valley and table lands.</i></p> <p>36.1. Will these early successional vegetation areas be monitored for wildlife use? Are trail cameras installed? Are invasive species being managed in these berm/rehabilitation areas?</p> <p>36.2 Will this planted buffer be protected for the long-term (after the Phase 2 landfill reaches capacity) to allow it the time to grow, and become a functional wildlife habitat/corridor?</p> <p>36.3 SNWSO encourages the proponent to consider how the previous and current mitigation measures will be used and protected for the long-term. As without protection, the effort spent on the berms and rehabilitation plantings may just be in vain.</p> <p>From the IP it is not enough to only think about the here and now, we much consider the lands that our great, great, great-grandchildren will use.</p>	<p>36.1. Yes, as part of the ecology study, areas surrounding the SSA (the successional vegetation areas) will be monitored. Other than the initial planting of regionally native species, invasive species management is not currently occurring in these areas.</p> <p>36.2. Yes, the intention of these buffer areas/berms are that they will serve as long-term natural features and add to/connect to the adjacent naturalized areas.</p> <p>36.3. Comment noted. Walker will consider this aspect of IP in the consideration of end use options in and around Phase 2 (i.e., naturalized end use).</p>			N/A
43	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 37 ToR – Page 20 – Section 6.2.2.1 (6th Paragraph) <i>As a result, the landscape is characterized by open grassland fields, defined by hedgerows and fence lines, and punctuated by small and large mature deciduous woodlots.</i></p> <p>37.1. This seems to be a great opportunity to create wildlife corridors! SNWSO encourages the proponent to work with landowners to enhance these grassland fields, hedgerows/fence lines, and small woodlots; to make them more ecologically functional, and provide better habitat or corridors for wildlife to use.</p>	37.1. Comment noted. Walker is continually exploring opportunities to create (re)naturalized areas and connectivity to existing habitats (woodlots, grasslands, wetlands) and wildlife corridors.			N/A
44	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 38 ToR – Page 20 – Section 6.2.2.2 (1st Paragraph) <i>agricultural lands used for common field crop production. There are also several relatively large, forested areas and scrublands within the surrounding area.</i></p> <p>38.1. How will Walker ensure that the trash/waste stays on the campus? Will there be any efforts/initiatives to prevent garbage blowing off-site?</p>	38.1. To minimize litter from migrating offsite, waste received at the landfill is compacted and covered with soil and sand-like materials on a daily basis. Additionally, Walker has permanent and mobile fencing in-place to trap any blowing litter during operations. Walker may also decide to either seize operations or reject loads of certain materials that have a higher likelihood of blowing offsite (e.g., residual plastics from a recycling facility) during strong wind events.			N/A

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					While garbage blowing off-site, may seem like a relatively minor risk/problem, the potential cumulative impacts have SNWSO concerned. Even small bits of plastic that end up in the water or forested areas, can have a significant impact to the wildlife (i.e birds/fish ingesting it, wildlife using it for their nests/dens, deer getting tripped up in garbage bags, etc). While garbage in the agricultural field could damage farm-equipment, or end up getting tilled into the soil layer. Please ensure that there are preventative measures in place to avoid garbage displacement.	Additionally, Walker has dedicated staff that collects any litter that has migrated offsite. Walker will continue to implement these litter control measures for Phase 2 and look for additional opportunities/systems/technologies to further limit windblown litter and debris from its landfilling operations to prevent these materials from migrating into the surrounding environment.			
45	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 39 ToR – Page 20 – Section 6.2.2.2 (3rd Paragraph) <i>two recreational uses,</i> 39.1. Please expand on what the recreational uses are. A Petting zoo? A soccer field ? A swimming pool? SNWSO believes this knowledge helps to inform readers of the associated exposure risks (i.e dust, noise, odour, water quality etc.). If there were ever a leachate escape (leak) how would these recreational lands be impacted ?	39.1. Four recreational uses are generally identified in the preliminary description of the agricultural environment (Section 6.2.2.2 Agriculture / Soil & Mining). The recreational uses are as follows: – North of the Campus - Royal Niagara Golf Club Golf Course and Woodend Conservation Area – East of the Campus - Regency Athletic, and Club Italia – South of the Campus - Beechwood Golf & Social Club			N/A
46	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 40 ToR – Page 20 – Section 6.2.2.2 (4th Paragraph) <i>apiary and a nursery</i> 40.1. If there was a leachate escape, the crops and the area's surrounding vegetation could be negatively impacted via the soil and water's uptake of landfill toxins. The uptake of these toxins could have impacts not only for human/livestock but also the pollinators, who depend on the health/quality of the vegetation. 40.2. Other than the leachate collection system, and the settling ponds, what systems are in place to monitor the toxicity and the flow of the leachate? Are there check points within the drainage system to test the toxin/contaminant levels and ensure the leachate is moving as it should?	40.1. Due to the development of the landfill in a former quarry, the likelihood of leachate escaping the liner system and impacting the environment (i.e., surrounding vegetation, soil, and water) is very low. If there was a leak in the 3-metre thick, multi-layered liner system, leachate would flow to a known and controlled location within the Campus where it can be stopped, collected, and treated. This contingency measure, referred to as an inward groundwater gradient provides the highest level of protection to the environment. 40.2. There are multiple ways that the leachate collection system and surrounding groundwater control systems are inspected, monitored, and maintained to ensure they are functioning as designed. This includes, but is not limited to, the control of the type of waste received to ensure it does not present a problem to the collection system (i.e., clogging), regular inspection and maintenance of pumps, pipes and control systems, the sampling of leachate and groundwater to understand their characteristics and monitor for changes/trends, and the documentation and reporting of flows (i.e., pump rates) to ensure that conditions are within reasonable and expected ranges.			N/A
47	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 41 ToR – Page 23 – Section 6.2.3.2 (2nd paragraph) <i>13 residences within 500 and 1000 m east</i> 41.1. How do the surrounding residents feel about the landfill expansion? Have any surveys/feedback forms been distributed to the neighboring homes?	41. Consultation is integral to the EA process and Walker is committed to engaging and consulting with the public (i.e., surrounding residents) to gather their feedback and address any questions or concerns. Walker has an existing contact list comprised of over 500 residents within approximately 3 kilometers of the Campus who receive communications related to Phase 2 (i.e., Notice of Commencement of a Terms of Reference and Open House #1 and Notice of a Draft Terms of Reference Available for Public Review and Comment). On December 14, 2023, Walker hosted an initial Open House for the South Landfill Phase 2 to introduce Walker and the project, provide an overview of the EA process, gather initial feedback on the proposal, and answer any questions or concerns. This event was attended by several of the Campus' near neighbours. The Record of Consultation, which accompanies the ToR, includes a summary of Open House #1 (Appendix I). Section 5, Table 3 of this document includes a summary of the comments received at this event. A feedback form was provided at the Open House and copies of forms completed by attendees can be found in Appendix D. It should be noted that the RoC documents all correspondence Walker has had with the public since the commencement of the project. Additionally, Section 9.1.2 of the Draft Terms of Reference includes a summary of comments received from the public during the development of the ToR.			Record of Consultation: Section 5 Table 3, and Appendix I Section 9.1.2 of the ToR

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						Walker highly values input from our neighbours and encourages all interested parties to engage throughout the EA process via our website (southlandfillphase2ea.com), by phone or email, and through attendance at public events. We are committed to considering and, wherever possible, incorporating feedback received into our plans for Phase 2.			
48	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 42 ToR – Page 26 – Section 6.2.5.2 (Last bullet) <i>Immediately south of the quarry limits 6.15 ha (15.20 ac): High Archaeological Potential – No Significant Disturbance</i> 42.1. SNWSO is not well versed in archaeology, we recommend that you reach out to the Six Nations Archaeological Supervisor, Tanya Hill-Montour: tanyahill-montour@sixnations.ca for her input on the site's Archaeological potential.	42.1. Appendix C-10 Cultural Heritage Resources Work Plan (previously titled Archaeology and Built Heritage Work Plan) has been revised to specify that Indigenous community engagement will be part of determining the archaeological potential of the site during the Stage 1 Archaeological Assessment. Specifically, the following was added to the work plan “sustained engagement (i.e. property inspection involvement, draft report review) with Indigenous communities who’s traditional and treaty territories include the SSA,”			Appendix C-10 Cultural Heritage Resources Work
49	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 43 ToR – Page 27 – Section 6.3.2 (1st Paragraph on page) <i>as well as the assessment of impacts associated with the preferred alternative</i> 43.1. SNWSO encourages the proponent to investigate the impacts that the transition from a quarry into a landfill will have within the LSA. How, and in what manner, will wildlife be impacted? How will surrounding water, air, and soil quality be impacted? SNWSO encourages Walker to mitigate the expected impacts and to improve the landscape for future generations and the wildlife. Could the berms surrounding the SSA be further planted to improve wildlife habitat? Could Walker create a wildlife corridor and wildlife habitat nearby the SSA to offset the impacts of the quarry/landfill? Please endeavor to understand the cumulative impacts that the existing quarry and the future landfill have on the landscape and work to mitigate those impacts by going above and beyond.	43.1. Comment noted. Walker has committed to, through the Terms of Reference, a comprehensive assessment of potential impacts to water (hydrogeology study), air (air quality study), soil (ecology and agricultural study) and wildlife (ecology study). As part of the EA, where any impacts are predicted, Walker will evaluate mitigation measures to eliminate or reduce impacts. Lastly, Walker will be conducting a cumulative assessment of impacts.			N/A
50	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 44 ToR – Page 28 – Section 6.3.3 (Table 6.1, 1st column, 5th bullet) <i>Temporary or permanent disturbance to aquatic and/or terrestrial species and habitat</i> 44.1. While this may be a misinterpretation, this natural section does not seem to deeply consider the impacts to wildlife located in the area (i.e birds, bats, mammals, herpetofauna, amphibians, fish, benthics, etc). Seemingly, this bullet point refers more to plants and habitat rather than the wildlife itself. Please include an assessment of the effects for the non-human beings (wildlife).	Comment noted. Table 6.1 has been updated to state “Temporary or permanent disturbance to all wildlife including aquatic and/or terrestrial species and habitat” The term “aquatic and/or terrestrial species” is intended to encompass all species, plant and animal. Potential effects on wildlife will be considered and assessed as part of this EA.			Table 6.1 in the ToR
51	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 45 ToR – Page 30 - Section 7.1.1.2 (Third sentence in paragraph) <i>The advantages and disadvantages will be used to identify preferences among the Alternative Methods in order to establish the Recommended Method</i> 45.1. When making this decision, please place priority on the environment. The natural environment should weigh more than the social, economic, and cultural factors. Meaning if one alternative will cost more and is less visually pleasing, but the environment will benefit greatly, please choose that option. Please go above and beyond to leave the natural environment better off than it was before.	45.1. The proposed “Reasoned Argument” method of evaluating Alternatives Methods does not weigh any of the criteria or components of the environment any higher or lower than others. All environmental components are instead evaluated in terms of their trade-offs with other environmental components. Interested parties will have the opportunity to review and comment on the proposed evaluation criteria, indicators, and evaluation methodology, including highlighting any priorities with respect to environmental components and specific trade-offs at Public Event 1 during the EA. Walker will then present the completed comparative evaluation at Public Event 2, seeking feedback and confirmation from interested parties to ensure comments from Public Event 1 have been adequately considered in the evaluation.			N/A

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					When considering the end-of life for this phase 2 landfill expansion, making the environment the priority now, may make the landfill closing easier/cheaper in the long term.				
52	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 46 ToR – Page 31 - Section 8.2 (1st paragraph) <i>operation,</i></p> <p>46.1. SNWSO encourages Walker to implement a robust monitoring plan during the operation of the landfill. We understand life is busy and monitoring settling ponds, or air quality may be tedious, but ensuring they are checked frequently/daily is crucial to:</p> <p>a) finding a problem quickly and, b) mitigating that problem effectively.</p> <p>If monitoring air/water quality is only done weekly, leachate or methane leaks may continue for days before anyone notices, and at that point the negative impacts only become more realized and more costly to clean up.</p> <p>Please be overly diligent when it comes to monitoring.</p>	46.1. To operate Phase 2 of the South Landfill, Walker will need to obtain an Environmental Compliance Approval (ECA) under the <i>Environmental Protection Act</i> . The ECA sets out rules of operations intended to protect the natural environment, including monitoring requirements for water quality and air. Walker currently has robust environmental monitoring programs in place for the South Landfill and intends to continue to do so for the next phase of the facility.			N/A
53	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 47 ToR – Page 33 - Section 9.1.1 (Table 9.1, 2nd major title on left most column) <i>Federal</i></p> <p>47.1 Just curious why the Department of Fisheries and Oceans (DFO) was not consulted?</p> <p>47.2. SNWSO believes that since "when appropriate" the leachate ponds are discharged into the Welland Canal, or into roadside ditches; the DFO should be involved due to the potential negative impacts to fish and fish habitat. Additionally, since the SSA is traversed by the Ten Mile Creek Wetland Complex, there is high potential for the landfill to negatively impact fish and fish habitat.</p> <p>Please consult with DFO to ensure that all possible mitigation measures are being taken!</p>	<p>47.1. DFO will be consulted as the EA progresses (once existing conditions have been determined and the preferred alternative has been identified) should it be determined that there is the potential for impacts to fish or fish habitat.</p> <p>47.2. For clarity, neither leachate or leachate ponds are discharged to the Welland Canal or roadside ditches. Leachate is discharged to the sanitary sewer under compliance with the applicable Sewer Use By-Law for further treatment.</p> <p>Groundwater and/or surface water that has been tested and deemed to have not been impacted by the landfill is what is released to the Welland Canal or roadside ditches.</p>			N/A
54	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 48 ToR – Page 37 - Section 9.1.3 (Table 9.7, 5th row down and 3rd column, 2nd sentence) <i>NPCA has and will continue to be consulted as part of the Government Review Team throughout the EA process</i></p> <p>48.1. Happy to see this!</p>	48.1. Comment noted.			N/A
55	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 49 ToR – Page 39 - Section 9.1.3 (Table 9.8, 2nd row down and 2nd column) <i>ecological conditions</i></p> <p>49.1. As previously stated, ensuring that the environment is better off than it was before, is a priority for SNWSO. Understanding the baseline ecological conditions will enable Walker to make decisions that allow for improved environmental conditions and comprehensive habitat rehabilitation. Knowing what was, can help to inform what will be.</p>	49.1. Comment noted. Please refer to comment response 32.1.			N/A
56	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 50 ToR – Page 39 - Section 9.1.3 (Table 9.8, 2nd row down and 3rd column) <i>Walker will consider pre-development conditions as part of its end-use planning.</i></p> <p>50.1. Perfect. As this will be crucial for leaving the environment better off than it was before.</p>	50.1. Comment noted.			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					Understanding the baseline ecological conditions that existed prior to the quarry and the current site, will help decision makers understand the ecological impacts that have already taken place. The baseline information can also inform planners on what mitigation and offset measures are required and what BMPs to use.				
57	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 51 ToR – Page 39 - Section 9.1.3 (Table 9.8, 3rd row down and 3rd column) <i>recyclables and organics</i></p> <p>51.1. What percentage of recyclables that are separated on-site are reused/re-purposed? As only about 25% of Ontario's waste is actually recycled (Ontario, 2023), and Canada produces 1.9 million tonnes of plastic of which only 12% is sent to recycling and even less is reused/re-purposed (Warnica, 2022). Main (2023) states that 72% of plastics ends up in landfills or the environment, and suggests that only 9% of the plastic ever produced is recycled, and 19% has been incinerated. These numbers are concerning, and do not leave SNWSO with much hope. Incineration is not the answer as that emits more CO2 and leaves the air full of toxic chemicals like dioxins, furans etc. If materials that are being recycled are not being reused/purposed, how is recycling helping to reduce waste? Again, what percentage of Walker's recycled materials are sent to be reused or re-proposed? References: Government of Ontario. (2023). Strategy for a Waste-Free Ontario: Building the Circular Economy. https://www.ontario.ca/page/strategy-waste-free-ontario-building-circular-economy#:~:text=On%20average%2C%20each%20person%20in,sent%20to%20landfill%20each%20year. Warnica, R. (2022). Little green lies: We fill our blue boxes with plastic, but hardly any gets recycled- will Ford's new system change that? Toronto Star. https://www.thestar.com/business/little-green-lies-we-fill-our-blue-boxes-with-plastic-but-hardly-any-gets-recycled/article_473ffa8-3a35-5ce4-a871-8c2d44bd7fd7.html Main, D. (2023). Think that your plastic is being recycled? Think again. MIT Technology Review. https://www.technologyreview.com/2023/10/12/1081129/plastic-recycling-climate-change-microplastics/#:~:text=Because%20consider%20this%3A%20most%20of,and%2019%25%20has%20been%20incinerated.</p>	<p>51.1. Walker is a leading resource recovery company (i.e., recycling) and recovered over 1,086,000 tonnes of resources in 2023. Our landfill received just under 1,100,000 tonnes of residual waste materials. Using this method, Walker recovers just as much materials as it manages in its landfill.</p> <p>When looking at resource recovery, the highest potential to reduce waste is the recovery of organic waste (i.e., food waste, yard waste, wood waste, liquid organic waste such as fats, oils, and greases). Approximately 50% of the materials (waste) from a household are organic. https://www.niagararegion.ca/waste/greenbin/default.aspx</p> <p>Walker has invested significantly in recovering organic materials, diverting them from landfill, and converting them into sustainable products like compost, mulches, soils, and renewable energy fuel sources. This circular approach minimizes waste while reducing the use of non-renewable products.</p> <p>Generally speaking, the residual rate or % of resources that are reused/repurposed at Walker resource recovery facilities is 90-95%. For example, when turning food waste into compost, there will be items such as rocks, plastics bags, and other non-compostables that need to be removed to produce a safe and high-quality compost. These rejects or residuals are approximately 5% of the food waste we receive. The 95% of materials (food waste) are turned into compost and returned to the earth to support the growth of future plants and food sources.</p> <p>Unfortunately, there remain global challenges with plastics recycling. Walker is identifying areas where it can make an impact by recovering resources hence our primary focus on food waste, organics (i.e., grease trap/fats, oils & grease), and wood waste.</p>			N/A
58	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 52 ToR – Page 39 - Section 9.1.3 (Table 9.8, 5th row down and 2nd column) <i>tree/plant species of interest</i></p> <p>52.1. SNWSO will attach our Draft Plant List in an email for the Walker team to review. Ideally the plant list will be used to inform the vegetation surveys that take place, in terms of what species to protect/save, what species of seed to collect, and what species should be used in rehabilitation or habitat offset efforts. 52.2. Moving forward we highly encourage Walker to contact Kayanase, the Six Nations native seed nursery. Walker could invite Kayanase to collect seeds from culturally important species found on the landfill or future sites. Kayanase may also be able to assist in any rehabilitation planting or habitat offset efforts.</p>	<p>52.1. The Draft list of plant species of importance to the community of Six Nations has been added to Table 4 of Appendix C-4 as a data source to inform the EA.</p> <p>52.2. Comment noted. Walker has a long-standing relationship with Kayanase dating back over 12 years where we worked with Kayanase to help remove Carolinian tree saplings from a constructed wetland treatment system Walker built for a local municipality to help improve water quality at one of its landfill sites near the Short Hills Provincial Park. The saplings needed to be removed as part of maintenance activities and Kayanase and Walker removed them together so they could be used as seed stock.</p> <p>Walker and Kayanase explored using compost (from food waste) in its potting soil mixes to reduce the need for peat.</p>			Appendix C-4 Table 4

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
						Walker has purchased plants from Kayanase as part of its commitment to naturalizing buffer lands with regionally native species.			
59	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 53 ToR – Page 39 - Section 9.1.3 (Table 9.8, 5th row down and 2nd column, last sentence) <i>A 10:1 replanting ratio, and 1:1 ratio for deadfall is recommended for post-closure landfill rehabilitation.</i></p> <p>53.1. Despite the site already being quarried, it is important that mitigation measures are being implemented now and during the closure of the landfill, i.e. planting trees in abundance to offset the loss of vegetation in the area.</p> <p>This is also why analyzing the baseline ecological conditions of the site before it was a quarry, is so important. How many trees, if any, were on site prior to the quarry? If there were 50 trees, 500 trees should be planted (in proximity to the site) between now and the landfill's closure.</p>	53.1. Comment noted. Please see comment response 32.1. Baseline ecological conditions of the site before it was a quarry will be considered as part of restoration and rehabilitation planning.			N/A
60	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 54 ToR – Page 39 - Section 9.1.3 (Table 9.8, 7th row down and 2nd column, last sentence) <i>such as wildlife-friendly fencing, litter mitigation, and use of bird and bat-friendly lighting.</i></p> <p>54.1. Happy to see that this was recorded and will be considered during the EA.</p>	54.1. Comment noted.			N/A
61	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 55 ToR – Page 41 - Section 9.1.3 (Table 9.9, 3rd row down and 2nd column) <i>Interest in the existing rehabilitation plan for the Southeast Quarry</i></p> <p>55.1. SNWSO is also curious as to how this will occur. How healthy will the soils be for agricultural purposes? Will the soils need any type of nutrient inputs (beyond the compost)? Will the crops grown have sufficient quality for consumption, or could the garbage negatively impact the crops?</p> <p>55.2. Will Walker consult any rehabilitation experts, farmers, agronomists, or environmentally minded people to assist in this process? For example: the NPCA, or environmental NGOs such as ALUS, Niagara Restoration council, Niagara Federation of Agriculture, or any members of the Niagara Environmental Network.</p> <p>It would be great if the Six Nations Native Plant Nursery, Kayanase could be involved in this rehabilitation process, or offered the invitation to gauge their interest.</p>	55.1. Walker currently farms on a closed portion of our East Landfill, located at the Niagara Resource Management Campus. As described in the response to comment response 3.3., Walker conducted a multi-year study in partnership with academia, which determined that crops could be grown safely and successfully on this rehabilitated land. As part of the research Walker and the University of Guelph did to determine if crops could be safely and successfully grown on the landfill, the cap was thickened 100% with the addition of 1.0 metre of clayey soil on top of the 1.0 metre engineered clay cap. An additional topsoil layer was enhanced with the addition of compost and N-Rich (an approved fertilizer Walker produces). In addition to confirming roots were not penetrating the cap, crops were tested (e.g. tissue testing) to ensure no contaminants such as metals were being up taken by the crops. <p>55.2. Walker will engage and consult a wide range of interested stakeholders and Indigenous communities and businesses on the end use of the South Landfill.</p>			N/A
62	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 56 ToR – Page 41 - Section 9.1.3 (Table 9.9, 7th row down and 3rd column) <i>Walker is not considering incineration as part of this EA.</i></p> <p>56.1. Please clarify: Will Walker conduct any incineration on site? Or not at all, thus why it will not be considered as part of the EA?</p>	56.1. As described in Supporting Document #1 (Business Case Analysis), Walker is not in the business of incineration/thermal waste disposal, and it is not considered as a potential Alternative To the Undertaking/option for this EA. Thermal waste disposal as an alternative to landfilling has been explored by Walker in the past and, for reasons of financial feasibility, has been concluded not to be a reasonable alternative. Discussion on the Alternatives To the Undertaking considered and those not considered by Walker as part of the ToR has been added to Section 3 of the ToR for additional context.			N/A
63	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 57 ToR – Page 41 - Section 9.1.3 (Table 9.9, 9th row down and 3rd column, 1st sentence) <i>Landfill design measures including the landfill liner, leachate collection system, and landfill cap will prevent leachate from coming into contact with 10 Mile Creek.</i></p>	57.1. Comment noted. Please see comment response 18.1. for additional details on the contingency measures in place to protect Ten Mile Creek from the potential of leachate impacts. Additionally, Walker has in-place and regularly updates an Emergency Response Plan which includes procedures for spills.			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					57.1. While Walker has taken steps to prevent the leachate from coming into contact with 10 Mile Creek, SNWSO believes there should be an emergency plan in place should this ever happen.				
64	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 58 ToR – Page 41 - Section 9.1.3 (Table 9.9, 11th row down and 2nd column) <i>Recommendations to increase tree plantings around this site, specifically evergreens and regionally native species. Recommendations to improve wildlife corridors/connectivity of natural spaces on buffer lands surrounding the Walker Campus.</i></p> <p>58.1. This is also an important consideration for SNWSO. The vegetation plantings and the improvement of wildlife corridors does not have to wait until the end-use of the site. These environmental improvements can be an on-going process for Walker during the operation of the landfill. Steps can be taken now to improve the surrounding environment. SNWSO encourages Walker to begin actively donating trees to be planted on conservation areas, public parks, or other woodlot areas; or creating meadow spaces in other near by areas.</p>	58.1. Comment noted. Walker is continually enhancing property it owns by planting trees, creating habitat and environmental education. There are many examples of this at our Niagara Campus that can be demonstrated during a site tour. Additionally, Walker provides 2 paid volunteer days per year to its employees (approximately 1,200 employees). Employees often participate in tree planting, invasive species removal and other community/environmental initiatives.			N/A
65	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 59 ToR – Page 41 - Section 9.1.3 (Table 9.9, 14th row down and 3rd column) <i>Walker expressed interest and scheduled meetings to further discuss environmental education and awareness collaboration opportunities with local educational institutions/community groups.</i></p> <p>59.1. Love this. Would Walker consider bringing some of those education events to Six Nations schools?</p>	59. Walker would be very interested in bringing these environmental education/awareness programs into Six Nations of the Grand River schools and collaborating with the community to develop these initiatives (e.g., events, presentations, etc.). Walker will look to further engage with Six Nations of the Grand River to identify opportunities related to environmental education/awareness.			N/A
66	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 60 ToR – Page 1 – Appendix B (Last sentence on page) <i>preliminary evaluation criteria and indicators</i></p> <p>60.1. Once the preferred alternative is decided, SNWSO encourages Walker to develop contingency plans should the evaluation of indicators show that there have been negative impacts to the factors in question (i.e. geology and hydrology, terrestrial and aquatic environment etc.). It is one thing to use the criteria and indicators to help decide which alternative is best, but Walker will have to continue to monitor those indicators and act quickly should any issues arise.</p>	60.1. Comment noted. Section 7.2. of the Terms of Reference outlines how Walker will assess additional mitigation and management measures where potential impacts have been identified. Additionally, Section 8.2. outlines how Walker will develop a monitoring framework to measure and ensure the effectiveness of any impact management measures.			Section 7.2 and 8.2 of the ToR
67	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 61 ToR – Page 3 – Appendix B (Table 2, 3rd column and 2nd row down) <i>surface water quality on-site and off-site</i></p> <p>Another Data Source could include referring to the baseline ecological studies. If the baseline surveys show a variance in water quality today, the change can be marked and used to address why there was a change in quality. Having baseline data is a great source to understand the ongoing changes within the SSA/LSA.</p>	61. Comment noted. Table 2 in Appendix B and Appendix C-2 have been revised to include the Terrestrial and Aquatic Environment Exiting Conditions Report as a data source.			Table 2 in Appendix B and Appendix C-2
68	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 62 ToR – Page 4 – Appendix B (Table 3, 1st column and 2nd row down) <i>Atmospheric Environment</i></p> <p>62.1. In terms of air quality SNWSO encourages Walker to have air quality monitoring systems both in proximity (on-site) and a distance away from the landfill (off-site). Only having monitors at a far distance (far corners of property or off-site) does not provide a comprehensive understanding of the emissions on the site, or what is being released into the larger atmosphere. Please do not dilute the emissions, using distance, to boast that the landfill has no impact to the air quality.</p>	62.1. Comment noted. For the purposes of the EA, air quality modelling will include monitoring at the source (i.e. on the landfill) to develop inputs for the air quality modelling.			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
69	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 63 ToR – Page 5 – Appendix B (Table 4, 3rd column and 2nd row down, last bullet) <i>rare, threatened or endangered species</i> 63.1. Please consider ALL wildlife and vegetation, including those that are culturally important to Indigenous People (deer, turkey, rabbit etc) not just the SAR. All are worthy of protection.	63.1. Noted. Please see comment response 26.4.			N/A
70	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 64 ToR – Page 5 – Appendix B (Table 4, 4th column and 2nd row down, 2nd bullet) <i>Site investigations</i> 64.1. Consider using iNaturalist, a citizen science database to gain a better understanding of the species present within the LSA. There may be species that are found in close proximity to the SSA, and may be impacted by the landfill!	64.1. iNaturalist has been added to the list of data sources in Appendix B, Table 4 and Appendix C-4.			Appendix B, Table 4 and Appendix C-4.
71	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 65 ToR – Page 5 – Appendix B (Table 4, 3rd column and 5th row down, 2nd bullet) <i>designated</i> 65.1. Please consider wetlands that are not designated, as the non-designated wetlands also provide invaluable ecosystem services (i.e water retention, water filtration, carbon sequestration, habitat etc) and are worthy of protection.	65.1. Noted. Please see comment response 27.3.			N/A
72	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 66 ToR – Page 7 – Appendix B (Table 6, 4th column and 1st row) <i>Data Sources</i> 66.1. Referencing baseline ecological studies could also be useful for understanding the impacts to the agricultural & greater environment. It is possible that soil classification and/or assessments of land fragmentation (or previous landscape uses) may be included in older EAs, and could be used to inform future restoration/rehabilitation efforts.	66.1. Table 6 in Appendix B and Appendix C-6 have been revised to include the Terrestrial and Aquatic Environment Exiting Conditions Report, and historic reports associated with the Campus (e.g., Agricultural Impact Assessment for the quarry expansion, and Vegetation Screening and Naturalization Reports) as data sources.			Table 6 in Appendix B and Appendix C-6
73	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 67 ToR – Page 12 – Appendix B (Table 10, 2nd column and 2nd row down) <i>Effect on known or potential significant archaeological resources</i> 67.1. SNWSO believes that the best data source for the archaeological component would be discussing the site with an Indigenous Archaeological Supervisor, as previously discussed.	67.1. Noted. See comment response 42.1.			N/A
74	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 68 ToR – Page 2 – Appendix C-1 (3rd bullet, 1st sub-bullet) <i>Conduct numerical groundwater flow modelling and predictive modelling of contaminating lifespan</i> 68.1. Does the 'contaminating lifespan' refer to the landfill's potential to contaminate the area during construction, operation, and after the landfill closure? As contamination could occur even after the landfill is closed and the end-use rehabilitation is implemented! 68.2. How long after the landfill is closed will Walker continue to monitor the site for contaminants? Are there any legislative requirements for landfill post-closure monitoring? SNWSO encourages monitoring continue long after the closure, to prevent any long-term contaminant releases.	68.1. Yes, the contaminating lifespan is time in years that a landfill has the potential to impact the environment including the time after a landfill has been closed. 68.2. The estimated contaminating lifespan for Phase 2 will be developed during the EA. Yes, O. Reg. 232/98 sets out post-closure monitoring requirements for landfills. Monitoring will continue for decades after post-closure of the South Landfill as is the case currently with closed landfills that Walker owns.			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
75	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 69 ToR – Page 3 – Appendix C-2 (3rd bullet) <i>Based on the Conceptual Designs developed for the Alternative Methods:</i> 69.1. The impact assessment should also identify the cumulative effects of the alternative methods when deciding on the preferred alternative.</p>	69.1. As noted in Section 7.2 of the ToR, Walker will complete an assessment of the cumulative effects of the proposed undertaking and other non-Walker projects/activities that are existing, planned/approved or reasonably foreseeable within the Study Area during the impact assessment stage of the South Landfill Phase 2 EA.			Section 7.2 of the ToR
76	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 70 ToR – Page 3 – Appendix C-2 (Table 2, 4th column 2nd row down, last bullet) <i>Surface Water Existing Conditions Report</i> 70.1. Again, SNWSO believes referring to the baseline ecological surveys conducted before the site was quarried could be useful in understanding the impacts that both the quarry and the landfill have/will have on the landscape. These baseline surveys could also be helpful for identifying ways to mitigate those impacts.</p>	70.1. Comment noted. See comment response 61.			N/A
77	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 71 ToR – Page 4 – Appendix C-3 (3rd bullet) <i>climate normals for</i> 70.1. Please define what "climate normals" are? Are climate normals a depiction of the pre-industrial, or even better the pre-colonial, atmospheric environment? What time-frame of data will Walker use to identify 'climate normals' ? SNWSO believes that to compare climate 'normals' to the existing climatic conditions, Walker will have to go far back into history to identify what normal may have been. The existing quarry will definitely create a deviation from the atmospheric environment's 'normal'. The surrounding area's use of agricultural chemicals and fertilizers will also cause the existing conditions to have deviated from normal. 70.2. How will the comparison of 'climate normals' and existing conditions comparison be used to identify mitigation measures?</p>	<p>70.1. Environment and Climate Change Canada provides the following definition and description of 'Climate Normals': Climate Normals and Averages are used to summarize or describe the average climatic conditions of a particular location. "Climate averages", "Climate means" or "Climate normals" are all interchangeable terms. They refer to arithmetic calculations based on observed climate values for a given location over a specified time period. Climate normals are often used to classify a region's climate and make decisions for a wide variety of purposes involving basic habitability, agriculture and natural vegetation, energy use, transportation, tourism, and research in many environmental fields. Normals are also used as a reference for seasonal monitoring of climate temperature and precipitation for basic public interest, and for monitoring drought or forest fires risk. Real-time values, such as daily temperature, are often compared to a location's "climate normal" to determine how unusual or how great the departure from "average" they are.</p> <p>The World Meteorological Organization (WMO) recommends that countries prepare Climate normals at the end of every decade for the most recent 30-year period finishing in a year ending with zero. For every decade since the 1940s, the Meteorological Service of Canada (MSC) within Environment and Climate Change Canada (ECCC) has produced Climate normals, with the latest set being 1991-2020.</p> <p><u>Canadian Climate Normals 1991 2020 Calculation Information.pdf (ec.gc.ca)</u></p> <p>70.2. Walker is not proposing to compare climate normal to existing conditions.</p>			N/A
78	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	<p>Comment 72 ToR – Page 4 – Appendix C-3 (7th bullet) <i>the existing baseline environmental noise levels at potential sensitive points of reception.</i> 72.1. Is there baseline environmental noise level data from before this site was quarried? If so, this data should be used to compare with the existing noise data. 72.2. Where will noise monitoring stations be located? Will they be located both: - on-site in close proximity to the noise emitting equipment, and - off-site beyond the noise and debris berms?</p>	<p>72.1. Walker will assess the availability of any noise baseline reports prepared for the development of the quarry.</p> <p>72.2. Noise monitoring locations will be developed once a preferred alternative has been identified. The monitoring locations will provide at the source for environmentally significant noise sources as well as at offsite sensitive receptors (e.g. residences, sensitive habitat, public places).</p>			

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					Walker should be diligent with the placement of their noise monitors, as locating them 100's of meters or kilometers off-site would not capture the true noise emissions. The same can be said for the air quality monitors that are assessing the key indicator compounds (locate them both on-site and off-site).				
79	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 73 ToR – Page 7 – Appendix C-4 (3rd bullet, 1st sub-bullet) <i>potential impacts</i> 73.1. This assessment should also identify the cumulative impacts to terrestrial and aquatic ecosystems.	73.1. As noted in Section 7.2 of the ToR, Walker will complete an assessment of the cumulative effects of the proposed undertaking and other non-Walker projects/activities that are existing, planned/approved or reasonably foreseeable within the Study Area during the impact assessment stage of the South Landfill Phase 2 EA.			Section 7.2 of the ToR
80	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 74 ToR – Page 7 – Appendix C-4 (3rd column 2nd row down, last bullet) <i>Predicted impact on vegetation and wildlife including rare, threatened or endangered species</i> 74.1. Again please consider the impacts to all species of wildlife and vegetation, not just the SAR. As many species that are not SAR are still important to Indigenous peoples and have cultural, medicinal, or sustenance uses.	74.1. Please see comment response 26.4.			N/A
81	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 75 ToR – Page 7 – Appendix C-4 (3rd column 5th row down, first bullet) <i>designated wetlands</i> See previous comments, all wetlands should be assessed for impacts and protected.	Noted. Please see comment response 27.3.			N/A
82	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 76 ToR – Page 8 – Appendix C-4 (2nd paragraph, last sentence) <i>electrofishing surveys will not be required</i> SNWSO recommends that Walker conducts electrofishing surveys to create a comprehensive understanding of the existing fish communities. Using the already existing fish community surveys is great for comparison, but without up to date information on the fish communities present, strong conclusions cannot be drawn. The Chartered Institute of Ecology and Environmental Management suggests a timeline for the validity or the lifespan of ecological reports and surveys: -Surveys should be considered out of date after 3 years -1.5 years (12-18) surveys should be considered valid -1.5-3 years surveys could still be considered valid but would require an ecologist/biologist to undertake a re-assessment or walk through to compare survey results to the existing features (ground-truthing). SNWSO prefers that surveys are up to date to create a comprehensive understanding of fish communities and habitat present. Please consider conducting electrofishing surveys to better understand the landfill's impacts. Reference: CIEEM. (2019). Lifespan of Ecological Report and Surveys. The Chartered Institute of Ecology. https://cieem.net/wp-content/uploads/2019/04/Advice-Note.pdf	76.1. The portion of Ten Mile Creek in the vicinity of the Site Study Area was found to have very little to no flow during initial aquatic investigations. As a result, electrofishing this area is impractical and background fish community data will provide a better representation of the potential fish community in the area.			N/A
83	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 77 ToR – Page 8 – Appendix C-4 (First sentence after 3rd paragraph) <i>Timing windows for terrestrial and aquatic field investigations are outlined as follows:</i>	77.1. Noted. See comment response 32.1.			N/A

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					SNWSO encourages the proponent to adopt a multi-season, multi-year survey effort (using BMPs) to create a comprehensive understanding of the wildlife and habitat present.				
84	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 78 ToR – Page 9 – Appendix C-4 (In table, 6th row down 2nd column) <i>Visit #1 – September/October</i> 78.1. Benthic sampling should take place in the late summer/early fall. October may be too late in the season to gain a comprehensive understanding/snap shot of the invertebrates present.	78.1. Benthic invertebrate sampling has been removed from this table as it was determined not to be required at this stage of the EA, as the watercourse was found to have very little to absent flow, and impacts are not anticipated at this time. However, if any discharge to this feature is proposed as part of the preferred alternative, baseline benthic invertebrate sampling will be conducted according to industry standards and best practices.			N/A
85	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 79 ToR – Page 9 – Appendix C-4 (2nd paragraph, 2nd sentence) <i>The assessment will propose mitigation measures to avoid or mitigate negative impacts on the natural features or ecological functions of sensitive natural and hydrologic features within the Study Areas.</i> 79.1. Mitigation measures should be informed by best management practices specific to the targeted species or habitat. SNWSO discourages the use of blanket mitigation measures. As the mitigation measures used in a wetland will not be the same for a woodland, and the mitigation measures used for deer will not be the same measures used for snakes.	79.1. Comment noted. Clarification has been added to Appendix C4 that: <i>The assessment will propose mitigation measures, informed by relevant best management practices, to avoid or mitigate negative impacts on the natural features or ecological functions of sensitive natural and hydrologic features within the Study Areas.</i>			Appendix C-4
86	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 80 ToR – Page 9 – Appendix C-4 (3rd paragraph, 1st sentence) <i>schedule will be developed for monitoring environmental effects.</i> SNWSO encourages Walker to develop a stringent monitoring plan, that considers all environmental variables (water, air, habitat regeneration, vegetation needs when planting etc) and uses BMPs. The monitoring should be conducted frequently enough to identify and correct problems as they arise (i.e several times daily for water and air etc)	80.1. Comment noted. A monitoring plan for potential environmental effects will be developed at a later stage of the EA as noted in Section 8.2. of the Terms of Reference.			N/A
87	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 81 ToR – Page 9 – Appendix C-4 (6th paragraph, 2nd sentence) <i>preliminary review</i> 81.1. Targeted species surveys should be conducted to gain a comprehensive understanding of the species present in the study area. Desktop reviews are a great first step and can be informative, but they are not enough to definitively conclude no SAR are present. Nothing beats boots on the ground observations. Absence is harder to prove than presence, and until multi-year, multi-season surveys are conducted there will still be many uncertainties. Until these uncertainties are reduced, via multi-year and multi-season surveys, Walker should proceed with caution and assume that any potential SAR are present and mitigate impacts accordingly.	81.1. Comment noted. See comment response 32.1.			N/A
88	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 82 ToR – Page 10 – Appendix C-4 (4th paragraph, 2nd last sentence on page) <i>Available DFO Aquatics SAR mapping has not identified aquatic SAR or their critical habitat within the Study Areas.</i> 82.1. Has Walker consulted with the DFO to ensure that the project will not cause HADD of fish habitat? SNWSO noted previously that DFO had not been consulted and we encourage Walker to do so. DFO regulates all fish habitat, not only SAR fish. All fish habitat is worthy of protection and should be considered, regardless of SAR status.	82.1. DFO will be consulted as the EA progresses (once existing conditions have been determined and the preferred alternative has been identified) should it be determined that impacts to fish or fish habitat are possible. This has been clarified in Appendix C4.			Appendix C-4

Table ID	Indigenous Community	Contact Name	Comment Date	Method	Comments from Indigenous Communities	Walker Response	Response Date	Method	Section Reference
					Healthy fish and fish habitat is tremendously important to Indigenous culture. To disregard fish habitat, because no SAR are present, could directly impede Indigenous people from exercising their traditional harvesting and fishing rights.				
89	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 83 ToR – Page 12 – Appendix C-5 (Table 5, 3rd column 2nd row down, 2nd bullet) <i>parks</i> 83.1. Please also consider the environmentally sensitive land features (wetlands, woodlots etc.).	83.1. Appendix C-5 has been revised to include proximity to sensitive features (e.g., wetlands, woodlots, etc.) as an indicator.			Appendix C-5
90	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 84 ToR – Page 13 – Appendix C-6 (2nd bullet, 2nd sub-bullet) <i>net effects</i> Please clarify: Is 'net effects' being used to describe the cumulative effects?	84.1. 'Net effects' refers to any potential remaining effects following the application of mitigation measures. As noted in Section 7.2 of the ToR, Walker will complete an assessment of the cumulative effects of the proposed undertaking and other non-Walker projects/activities that are existing, planned/approved or reasonably foreseeable within the Study Area during the impact assessment stage of the South Landfill Phase 2 EA.			Section 7.2 of the ToR
91	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 85 ToR – Page 13 – Appendix C-6 (Table 6, 3rd column 2nd row down, 4th bullet) <i>Level of Fragmentation</i> 85.1. SNWSO has recommended several times that as an offset measure Walker should consider planting or enhancing various habitats (woodlots, meadows, riparian zones etc.). If Walker were to plant offset habitats, SNWSO does not believe they should be seen as 'fragmentation of the agricultural landscape', as these areas would only serve to improve the agriculture ie. adding nutrients to the soils, retaining water, providing habitat for wildlife (keeping them out of the fields) etc. Creating wildlife corridors and habitats will only enhance the surrounding land uses.	85.1. Comment noted. Please see comment response 23.2.			N/A
92	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 86 ToR – Page 15 – Appendix C-7 (Table 7, 3rd column 2nd row down, 1st bullet) <i>Potential for traffic collisions</i> 86.1. It has been mentioned that the road around the landfill does not have bike or pedestrian lanes, however people do travel along these roads currently. It is possible that with more garbage trucks off-loading there may be more risk to the public to be involved in accidents. SNWSO encourages Walker to explore the possibility of creating pedestrian/bike lanes, and include this consideration in their traffic assessment. Will more or less pedestrian traffic occur around the landfill if bike lanes were created? Will a greater percentage of pedestrian accidents be avoided? Will odour prevent/reduce pedestrian traffic?	86.1. Comment noted. Walker will be conducting a traffic study as noted in Appendix C-7. As part of this study, the potential for traffic collisions will be evaluated and mitigation measures (including bikes lanes) will be assessed. The EA will also include odour and social studies which will assess if impacts will occur to the use and enjoyment of public spaces (e.g. odour impacting the use of a roadway).			N/A
93	Six Nations of the Grand River	Lauren Vanderlingen Lauren Jones Peter Graham	May 14, 2024	PDF	Comment 87 ToR – Page 20 – Appendix C-10 (2nd bullet) <i>Undertake further archaeological and cultural heritage studies as applicable in order to understand potential impacts and provide mitigation where warranted.</i> 87.1. Please contact the Six Nations Archeology Supervisor to discuss the need for further archaeological studies. SNWSO encourages Walker to go right to the source, to the people, for whose history is being assessed.	87. Refer to response for 42.1.			N/A