

March 29, 2016

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Dear [REDACTED]

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms is that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,



Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: [REDACTED]

May 13, 2016

Notice of Commencement of the Environmental Assessment

The Notice of Commencement of the Environmental Assessment was published on May 11, 2016 for the Southwestern Landfill Proposal in the Township of Zorra, Oxford County, Ontario.

The intent of the Notice of Commencement is to announce that the EA process has formally begun. This means that we will be starting the activities that are described in the Approved Terms of Reference, as amended by the Minister of Environment and Climate Change.

During the Environmental Assessment phase, we will be consulting with Aboriginal Communities, government, and interested members of the public.

We would appreciate the opportunity to discuss with you:

1. How we can support meaningful consultation in your community, including your preferences for the type and frequency of communication.
2. Next steps in the Environmental Assessment process.

We will be reaching out to set up meetings. If you would like to contact me directly, please call 905-680-3675 or email me at boehler@walkerind.com.

If you are interested in receiving regular updates to your email on the Southwestern Landfill Environmental Assessment, please subscribe to our website, www.walkerea.com.

Sincerely,



Becky Oehler
Consultation Manager



Environmental Assessment Notice of Commencement

Southwestern Landfill Environmental Assessment

May 13, 2016

Notice of Commencement of the Environmental Assessment

Please be advised that the Notice of Commencement of the Environmental Assessment was published on May 11, 2016 for the Southwestern Landfill Proposal in the Township of Zorra, Oxford County, Ontario.

The intent of the Notice of Commencement is to announce that the EA process has formally begun. This means that we will be starting the activities that are described in the Approved Terms of Reference, as amended by the Minister of Environment and Climate Change.

During the Environmental Assessment phase, we will be consulting with Aboriginal Communities, government, and interested members of the public. Please feel free to contact me with any questions or comments, by phone at 905-680-3675 or by email at boehler@walkerind.com.

Sincerely,

A handwritten signature in black ink that reads "Becky Oehler".

Becky Oehler
Consultation Manager

Toll Free: 1-855-392-5537

Website: www.walkerea.com

July 11, 2016

RE: Community Exchange Newsletter – July 2016

Please find enclosed the Community Exchange newsletter for the Southwestern Landfill Environmental Assessment. This month's issue focuses on the different options ("alternative methods") for the landfill that we will be reviewing over the coming months:

- Landfill footprint
- Landfill design
- Leachate treatment
- Landfill gas management
- Haul route & site entrance

We are looking forward to discussing these topics with you to hear your concerns and input. We have heard that the workshops held during the Terms of Reference phase were of value. We are in the process of planning further workshops and someone will be in touch with you with proposed dates.

As always, please feel free to contact myself or our office to set up a meeting at a time and location convenient for you. You can also find more information on our website, www.walkerind.com, where you can subscribe to news about the Southwestern Landfill Environmental Assessment.

Warm Regards,

Becky Oehler
Community Engagement Manager
Southwestern Landfill
boehler@walkerind.com
905-680-3675

Please find enclosed the Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue focuses on the different options ("alternative methods") for the landfill that we will be reviewing over the coming months. You should also receive a copy in the mail.

We have heard that the workshops held during the Terms of Reference phase were valuable to attendees. We are in the process of planning further workshops and someone will be in touch with you or another representative from your community regarding proposed dates in November.

As always, please feel free to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105) to get more information or to set up a meeting at a time and location convenient for you. You can also find more information on our website, www.walkerind.com, where you can subscribe to news about the Southwestern Landfill Environmental Assessment.

Warm Regards,
Becky Oehler
289-257-1680



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

August 17, 2016

RE: Community Exchange Newsletter – August 2016

Please find enclosed the August 2016 Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue provides a project update, details for an upcoming public event September 1, 2016, and information about how landfills protect and monitor groundwater. You are welcome to attend the September 1 event.

We are also in the process of finalizing details of the workshop on November 2, 2016, from 10 am to 4 pm at the Quality Inn in Woodstock, Ontario. You or another representative from your community should have already received an invitation to this workshop. If you would like more information, please do not hesitate to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105).

Warm Regards,

A handwritten signature in black ink that reads "Becky Oehler". The signature is written in a cursive, flowing style.

Becky Oehler
Community Engagement Manager
Southwestern Landfill
boehler@walkerind.com
905-680-3675

From: [Becky Oehler](#)
To: Info@walkerea.com
Subject: FW: August 2016 Community Exchange
Date: Wednesday, August 17, 2016 8:54:28 AM
Attachments: [image001.png](#)
[CE August 2016.pdf](#)

Good morning,

Please find attached the August 2016 Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue provides a project update, details for an upcoming public event September 1, 2016, and information about how landfills protect and monitor groundwater. You are welcome to attend the September 1 event.

We are also in the process of finalizing details of the workshop on November 2, 2016, from 10 am to 4 pm at the Quality Inn in Woodstock, Ontario. You or another representative from your community should have already received an invitation to this workshop. If you would like more information, please do not hesitate to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105).

Warm Regards,
Becky Oehler
905-680-3675

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
www.walkerind.com



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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.



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

October 24th, 2016

[Redacted]

To: [Redacted]

**RE: Southwestern Landfill Environmental Assessment
First Nations Workshop – November 2nd, 2016**

As Walker Environmental conducts this Environmental Assessment (EA) for its Southwestern Landfill (SWLF) Proposal, engaging and consulting First Nations remains a priority. We recognize the unique rights, culture and perspectives of Indigenous peoples and seek to incorporate these views in our how we conduct our EA. We also seek to create dialogue, share knowledge and identify opportunities where we can collaborate on aligned interests.

We would like to formally invite two attendees from your Nation to a workshop that will focus on First Nations perspectives of the SWLF EA. Councillor Anthony Ireland has attended past workshops and we have had several meetings with Joel Abram both in his role as Chief and Councillor. We will also follow up directly with you in the coming weeks to schedule a meeting to discuss the Southwestern Landfill EA.

The intention of this workshop is to provide an update on the status of the SWLF EA, review some key feedback we have received to-date from previous consultation with First Nations and have an open dialogue around we can best move forward with the SWLF EA process.

Meeting Details

Date: November 2nd, 2016
Time: 10:00 am to 3:00 pm
Location: Quality Hotel & Suites
580 Bruin Blvd. Woodstock, ON N4V 1E5 (519) 537-5586

Proposed Agenda

Time	Topic
10:00 – 10:15 am	Welcome & Opening Remarks Agenda Overview
10:15 – 10:45 am	Southwestern Landfill EA - Background & Update
10:45 – 12:30 pm	Preferred Alternative Discussion
12:30 – 1:30 pm	Lunch
1:30 – 2:30 pm	Next Steps
2:30 – 3:00 pm	Wrap-up and Closing Remarks

November 1, 2017

ADDRESS
ADDRESS

Dear [Indigenous Community],

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

This letter is to notify you that the technical work plans for the Southwestern Landfill Environmental Assessment have been finalized and are now available on the project website, www.walkerea.com, under "Learn More About Technical Work Plans". These work plans describe how the landfill will be studied within 12 different disciplines, as well as how cumulative effects will be considered. Two of the work plans, Human Health Risk Assessment and Air Quality, are not yet available due to outstanding required meetings. You will be notified when the outstanding final work plans are available.

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the 13 final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,



Darren Fry, Project Director

CC: Councillor Brandon Doxtator, Environment Portfolio

From: [Becky Oehler](#)
To: hgrant.doxtator@oneida.on.ca; antone.carol@oneida.on.ca; brandon.doxtator@oneida.on.ca; clinton.cornelius@oneida.on.ca
Cc: Randall.phillips@oneida.on.ca; powless.martin@oneida.on.ca
Subject: Nov 2, 2016 Workshop Invitation Letter
Date: Monday, October 24, 2016 3:42:18 PM
Attachments: [General Information - Pages.pdf](#)
[Invitation Letter Environment Portfolio Councilors.pdf](#)

Good morning Councilors,

I would like to invite you to attend a workshop for the Walker Environmental Southwestern Landfill Environmental Assessment, to be held on November 2, 2016 at the Quality Inn in Woodstock, Ontario. The attached letter includes a proposed agenda and additional details.

I have also attached a General Information booklet about the project, and you can find more information on our website at www.walkerea.com. If you and/or someone else will be attending, please confirm with Tanya at 1-855-392-5537 or info@walkerind.com.

If you have any questions in advance of the workshop, please let me know.

Warm Regards,
Becky Oehler
905-680-3675

Detailed Summary - November 2 Workshop

Becky Oehler

Sent: Monday, December 19, 2016 10:51 AM

To: Louise Hillier [cfnchief@live.com]

Cc: Darren Fry; jeremy.shute@sharedvaluesolutions.com

Categories: value

Attachments: FN Workshop November 2, 20~1.pdf (354 KB) ; FN Workshop November 2, 20~2.pdf (1 MB)

Good Morning Chief Hillier,

I'm sorry you weren't able to attend the November 2nd workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We have prepared a detailed summary of the workshop with a goal of accurately capturing the dialogue for both participants and those who were unable to attend.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any questions or comments regarding the workshop or documents. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*

From: [Becky Oehler](#)
To: Info@walkerea.com
Subject: January 2017 Community Exchange Newsletter - Walker Environmental
Date: Monday, January 30, 2017 11:05:21 AM

Good morning,

The [January 2017 edition of the Community Exchange newsletter](#) for the Walker Environmental Southwestern Landfill Environmental Assessment is now available ([click here](#)).

This issue includes:

- What's coming up in 2017
- Information about the upcoming traffic study and how traffic is managed at our landfill in Niagara
- A guide to documents you may be interested in

If you have any questions or comments, please [contact our team](#).

Also, we will soon be providing more information about the **upcoming workshop** for First Nations representatives on the [updated draft technical work plans](#).

Warm Regards,
Becky Oehler
Community Engagement Manager

Becky Oehler

From: Becky Oehler
Sent: Thursday, February 16, 2017 2:02 PM
To: Info@walkerea.com
Cc: Darren Fry; Tanya Sehmrau
Subject: March 21 Workshop - Walker Environmental Southwestern Landfill
Attachments: FN Workshop November 2, 2016 Summary.pdf

Good afternoon,

On November 2, 2016, a workshop was held regarding the Walker Environmental Southwestern Landfill Environmental Assessment, a landfill proposed in Zorra Township, Oxford County. The workshop summary is attached.

As a group, we decided to meet again in March, and representatives from Chippewas of the Thames First Nation offered to hold the event at their facility. A date had been set for March 8th, but due to scheduling conflicts, the date has been changed. Details:

Main Topic: Finalization of Technical Work Plans (*in preparation of technical studies, scheduled to begin in Spring 2017*)

Date: Tuesday, March 21, 2017

Time: 10 am – 4 pm

Location: SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*)

More information, including an agenda, will be made available prior to the workshop. If there are specific agenda items you would like to discuss, please let me know.

Please RSVP with your name and any dietary restrictions by March 14, 2017. You can email me, or call Tanya at 1-855-392-5537.

Looking forward to hearing from you,
Becky

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
www.walkerind.com



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Becky Oehler

Subject: Southwestern Landfill Workshop
Location: SOAHAC Boardroom, 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0

Start: Tue 3/21/2017 10:00 AM
End: Tue 3/21/2017 4:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Becky Oehler
Required Attendees: Darren Fry; jeremy.shute@sharedvaluesolutions.com; A [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
Info@walkerea.com

Good afternoon,

As a reminder, Walker Environmental is holding a workshop for First Nations representatives on **March 21** at Chippewas of the Thames First Nation. Please RSVP by March 14 if you have not done so already. If there are specific agenda items you would like to discuss, please let me know. If you are unable to attend but would like to discuss, please let me know and I would be happy to set up a meeting.

Workshop Details:

Main Topic: Finalization of Technical Work Plans (*in preparation of technical studies, scheduled to begin in Spring 2017*)

Date: Tuesday, March 21, 2017

Time: 10 am – 4 pm

Location: SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*)

Proposed Agenda:

10 am – 10:30 am	Update on status of Southwestern Landfill EA
10:30 am – 12:30 pm	Presentation and Discussion – Key updates to the Technical Work Plans <i>Focus on input received from First Nations during the Terms of Reference and how it has been integrated into the work plans.</i>
12:30 pm – 1:30 pm	Lunch

1:30 pm – 3:00 pm	First Nations discussion <i>Walker representatives will leave the room to provide space for discussion among First Nations representatives.</i>
3:00 pm – 4:00 pm	Wrap-up discussion, next steps, Q&A.

Looking forward to hearing from you,
Becky

April 5, 2017

RE: Updates to the Technical Work Plans

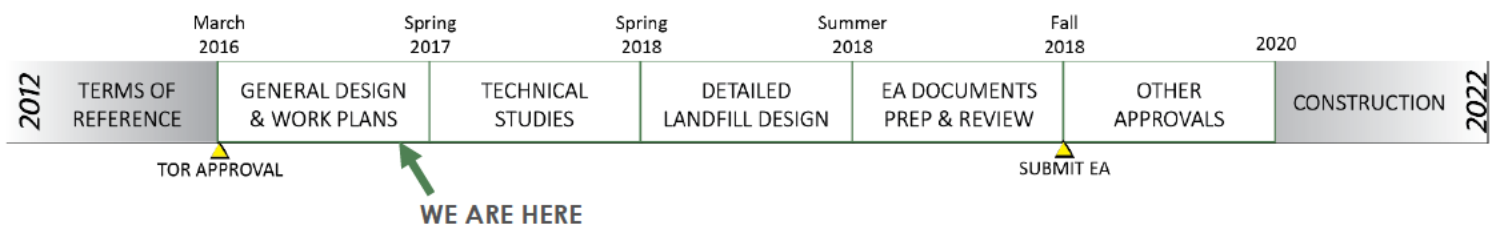
Walker Environmental has updated the technical work plans for the Southwestern Landfill Environmental Assessment (EA). There is one work plan for each study (12), plus an additional work plan that describes how cumulative effects will be evaluated. These work plans establish how the technical studies will be conducted as part of this EA.

The first drafts of the work plans were written during the Terms of Reference (2012-2013). At that time, consultation was carried out and the first draft was revised to reflect comments that were received (May 2013 version).

The work plans have now been updated to reflect:

- Input received from First Nations
- Comments received on the Terms of Reference
- Facility Characteristics (conceptual landfill design)
- Climate change projections
- Municipal planning assumptions

These work plans form one of many stages in the overall EA process. Below is a figure outlining the status of the EA and the anticipated EA completion date in late 2018. Walker will continue to update, engage, and consult with First Nations during the course of this EA.



Enclosed are the red-line versions of each plan, which identify how the plans have been changed since the 2013 draft version. In each work plan, Appendix B contains comments received and how they were addressed. **These documents are provided to you in the event you would like to review and/or comment on the updates made to the technical work plans.**

Available Online: The work plans are also available on our project website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp> (click on “Learn More About → Technical Work Plans”)

Comments: We would appreciate comment submission by **May 15, 2017**. If you require additional time, please contact Becky Oehler at 289-257-1680 or boehler@walkerind.com.

Also enclosed is a work plan summary booklet that was provided at the March 21, 2017 meeting. It is intended to act as an overview of the work plans as a starting point, or as a discussion tool.

Please let me know if you have any questions. We are happy to meet at your convenience.

Warm Regards,

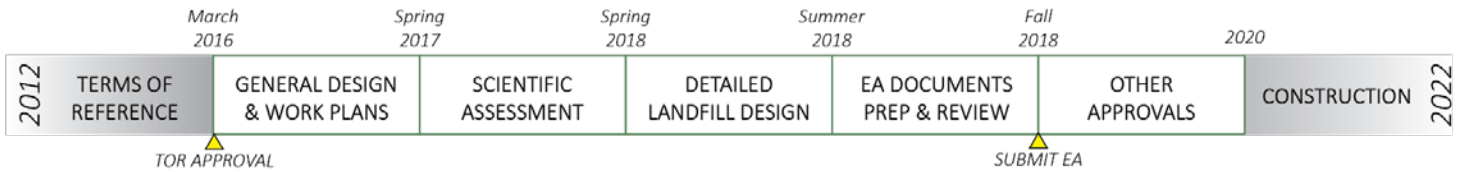
A handwritten signature in black ink that reads "Becky Oehler". The signature is written in a cursive style with a large initial "B".

Becky Oehler
Community Engagement Manager - Southwestern Landfill
boehler@walkerind.com • 905-680-3675

Please note:

- We have scheduled the event to allow for same-day travel.
- Mileage will be reimbursed upon request.
- Outcomes from the day will be recorded and distributed to all invited First Nations.

We would like to thank you and your community for expressing an interest in our Southwestern Landfill Proposal. We are still in the early stages of the EA and are working closely with First Nations, interested community members and government agencies while we conduct this Environmental Assessment; please visit www.walkerea.com for more information. The figure below illustrates where we are in the EA process.



If we haven't already, we will be following up by phone shortly to confirm who from your community will be attending. Should your community need to send more than two attendees to this session, please let us know so that we can arrange meeting logistics. We look forward to this opportunity to reconnect, share insight into this EA and discuss how best to proceed into the next stages of the EA. Thank you again.

Sincerely,

Darren Fry
Project Director, Southwestern Landfill EA
Walker Environmental
Toll Free: 1-855-392-5537
Email: dfry@walkerind.com
Company Website: www.walkerind.com
Project Website: www.walkerea.com

cc: Chief Randall Phillips



SWLF Newsletter & Open House (Nov 28-30)

Becky Oehler

Sent: Monday, November 06, 2017 10:45 AM

To: Info@walkerea.com

Good morning,

The October edition of the Community Exchange newsletter regarding the Walker Environmental Southwestern Landfill EA is now available. You can access it by [clicking here](#).

In the newsletter, you will see that there will be an open house at the Walker Environmental office (160 Carnegie St. Ingersoll) from November 28-30. This event has been scheduled as an opportunity to ask questions and discuss the Southwestern Landfill EA.

As always, we are also available during our regular office hours (Monday to Friday, 9 am to 4 pm) or by appointment at a time and place that is convenient for you. We are also open to attending community events and setting up a booth for those interested in learning more about the project.

Best wishes,
Becky



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 2, 2018

[REDACTED]

Dear [REDACTED]

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

CC: [REDACTED]

Leslie Galloway

From: Becky Oehler
Sent: Friday, March 8, 2019 12:29 PM
To: Info@walkerea.com
Subject: FW: Southwestern Landfill EA - March 2019 Newsletter

Categories: Follow-up

Sent to FN key contacts email list:

[Redacted]

From: Becky Oehler <BOehler@walkerind.com>
Sent: Friday, March 08, 2019 12:28 PM
To: Info@walkerea.com
Subject: Southwestern Landfill EA - March 2019 Newsletter

Good afternoon,

The [March 2019 edition of the Community Exchange newsletter](#) for the Walker Environmental Southwestern Landfill Environmental Assessment is now available! In this edition, you'll find information about the upcoming release of the Draft EA this summer, information about recent and upcoming meetings, and tips on making your garden pollinator-friendly this spring.

As always, if you have any questions or comments, please [contact our team](#). We are available to discuss the project by email, phone, or in person. We happy to meet with you at a time and place that's convenient for you.

[Click here to read the March 2019 edition of the Community Exchange newsletter](#)

Best wishes,
Becky

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

Leslie Galloway

From: Emily Sykes
Sent: Thursday, September 5, 2019 3:10 PM
To: Info@walkerea.com
Subject: September 2019- Southwestern Landfill Community Exchange Newsletter

Categories: Follow-up

Good Morning,

I hope you are enjoying the beautiful September weather. My name is Emily, and I work for Walker Environmental Group (WEG). I will be assuming Becky Oehler's community engagement role with WEG for the Southwestern Landfill EA while she is on parental leave.

I am writing this morning to inform you that the September 2019 edition of the Community Exchange newsletter for the Southwestern Landfill EA is now available on the Southwestern Landfill website.

[Click Here to access the September 2019 Community Exchange](#)

Regards,

Emily

Vol IV Appendix I-10

Indigenous Communities Correspondence

Aamjiwnaang First Nation (Aamjiwnaang)

March 29, 2016

Chief Christopher Plain
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario N7T 7H5

Dear Chief Plain,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a long horizontal stroke extending to the right.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Sharilyn Johnston, *Environment Department - Manager*

From: [Becky Oehler](#)
To: "cjackson@aamjiwnaang.ca"
Cc: [Darren Fry](#); jeremy.shute@sharedvaluesolutions.com
Subject: Detailed Summary - November 2 Workshop
Date: Monday, December 19, 2016 10:41:50 AM
Attachments: [FN Workshop November 2, 2016 Summary.pdf](#)
[FN Workshop November 2, 2016 Resource Materials.pdf](#)

Good Morning Courtney,

Thank you very much for attending the November 2 workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We appreciate your thoughts and questions, and look forward to continuing the conversation in the new year. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any feedback on the detailed summary, regarding the format or content. Our goal is to provide an accurate record of the discussion.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*

From: [Becky Oehler](#)
To: "cjackson@aamjiwnaang.ca"
Subject: Meeting and Upcoming Workshop - Walker Environmental Landfill Proposal
Date: Thursday, February 02, 2017 3:20:40 PM

Hi Courtney,

Thanks for chatting with me on the phone about scheduling a meeting and the upcoming workshop.

As a recap, the next workshop had to be rescheduled, so the new tentative date is March 21, 2017, 10 am – 4pm at Chippewas of the Thames First Nation. I will provide more details when I have the date and time confirmed, which I'll send to you, as well as Sharilyn and Christine. I have a note here that you wouldn't be able to attend on March 21 because it's a committee meeting day.

Regarding Darren and I coming out to meet with you, we talked about trying to schedule on a day when the Environment Committee is meeting, so we could attend and meet the committee members, as well as answer questions and listen to concerns and input.

- March 7 is a potential date. If you could please check if you and your team members are available to meet in the afternoon on March 7, that would be great. After our meeting, Darren and I could stay to attend the Environment Committee meeting to provide information, hear concerns and input, and answer questions.

Thanks Courtney, looking forward to hearing from you!

Becky



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

September 19, 2017

Ms. Sharilyn Johnston

Environment Coordinator,
Aamjiwnaang First Nation Administration Office
978 Tashmoo Ave.
Sarnia, ON N7T 7H5

Dear Ms. Johnston,

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *"Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so."*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with you if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.

Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.
	For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.
	For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.
Economic	Face-to-face or telephone interviews with nearby businesses.
	Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.
	General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.
	Key stakeholder interviews: <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study)

	<ul style="list-style-type: none"> Real Estate Representatives and Associations
Groundwater & Surface Water	Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.
	The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.
	An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.
	The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.
Health	N/A – uses data collected from other studies.
Noise	Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.
	Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)
	Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).
Social	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> Understanding neighbourhood and community-specific issues Identifying potential effects of the landfill <p>b) After the initial effects assessment has been completed (results from other studies):</p> <ul style="list-style-type: none"> Feedback on the results of the effects assessment Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn's Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local

residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community
- Identify community issues that affect people's personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people's attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)
- Examine the potential for effects of the landfill on people's daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project
- Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population
- Obtain comments or suggestions on ways to mitigate effects of the proposed landfill

Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:

- County of Oxford
- Township of South West Oxford
- Township of Zorra
- Town of Ingersoll

	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> a) At the start of the social study b) After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> a) Land users and knowledge holders b) First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc).

	<ul style="list-style-type: none"> • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc. • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc).
	<p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
<p>Visual</p>	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>



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March 5, 2018

Chief Joanne Rogers
Aamjiwnaang First Nation
978 Tashmoo Avenue,
Sarnia, ON N7T 7H5

Dear Chief Rogers,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Christine Rogers, Environment Consultant Worker

Leslie Galloway

From: Leslie Galloway
Sent: Wednesday, May 8, 2019 2:32 PM
To: Leslie Galloway
Subject: FW: Season's Greetings from Walker Environmental
Attachments: Junior beekeepers Aamjiwnaang 2019.doc

From: Sharilyn Johnston <sjohnston@aamjiwnaang.ca>
Sent: Monday, May 6, 2019 11:44 AM
To: Darren Fry <DFry@walkerind.com>
Subject: RE: Season's Greetings from Walker Environmental

Hello Darren,

I hope you are well and enjoying the nice spring weather today. Since we have been trying to connect with each other by telephone and not been able to, I thought I would send you an email.

My main reason for trying to speak to you is because of your March 2019 Community Exchange Newsletter. In the letter, I read about your support of bees and other pollinators in collaboration with Niagara College.

I wanted to see if Walker would support a Junior beekeeper program being proposed by the Lower Thames Valley Conservation Authority. I have attached the program proposal and Budget for your review. I think it would be an excellent fit with this organization as it would work with both Aamjiwnaang through our Native plant greenhouse and Chippewa of the Thames Youth through the Indigenous Sports Council of Ontario.

Let me know what you think and if Walker would be willing to support something like this.

Look forward to hearing from you.

Sharilyn Johnston

Environment Coordinator,
Aamjiwnaang First Nation
978 Tashmoo Ave.,
Sarnia, ON N7T 7H5
(519) 336-8410
(519) 330-1245
sjohnston@aamjiwnaang.ca

From: Darren Fry <DFry@walkerind.com>
Sent: December-18-18 11:12 AM
Subject: Season's Greetings from Walker Environmental

On behalf of everyone here at Walker, I'd like to pause and take the time to wish you a warm and joyous holiday season.

Leslie Galloway

From: Darren Fry
Sent: Monday, June 24, 2019 3:36 PM
To: 'Sharilyn Johnston'
Cc: 'Leah Culver'; Emily Sykes
Subject: Southwestern Landfill EA - Indigenous Land Use Assessment
Attachments: FCA Haul Route.pdf

Hi Sharilyn,

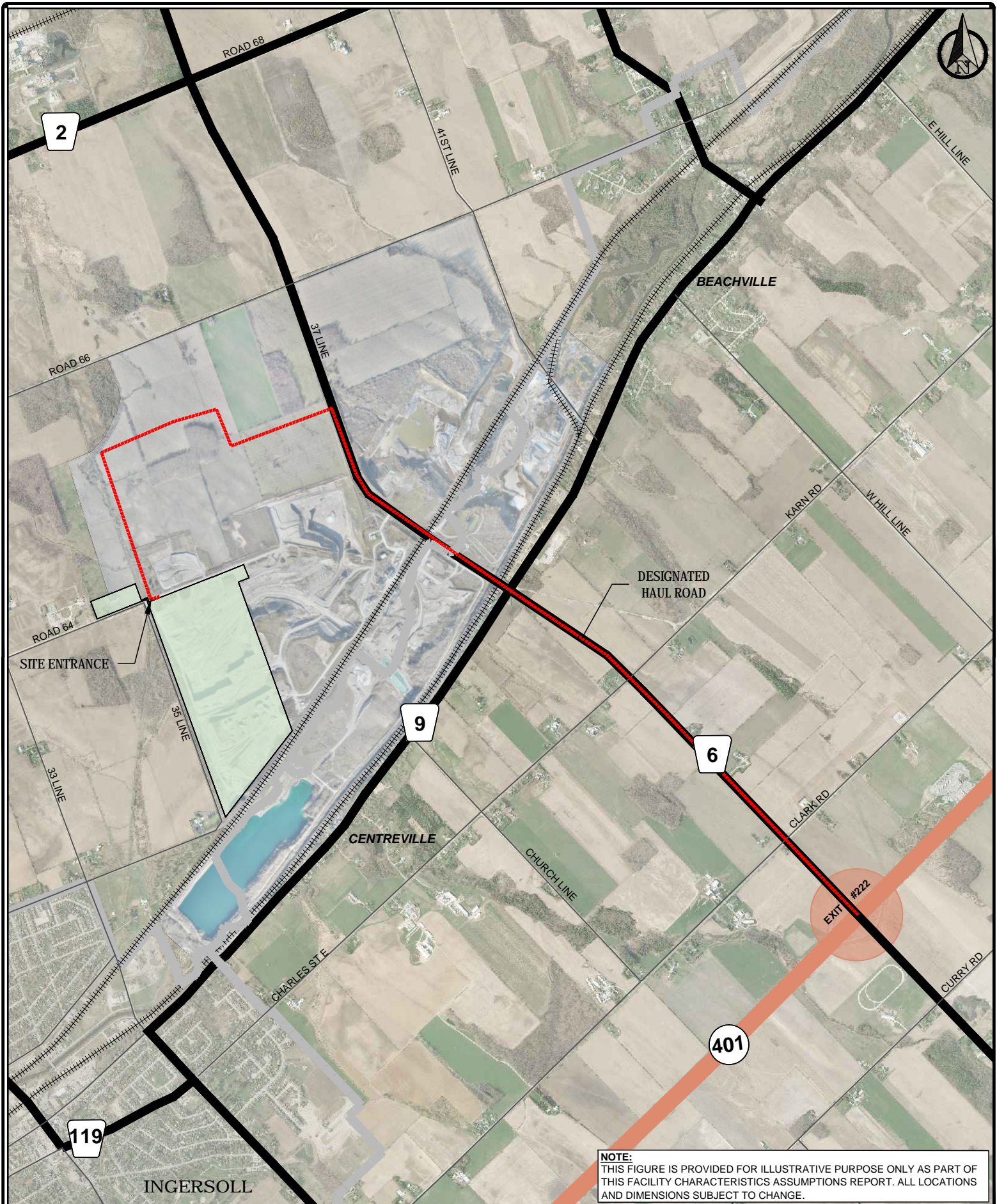
Happy summer now that it has finally arrived!

When we spoke a few weeks ago, I mentioned that as part of the Southwestern EA we are conducting an assessment that looks at any potential impacts to Indigenous peoples land use. Leah with Shared Value Solutions is conducting this work. I recall that you had asked that we share a map of the proposed site so that you could first review it against some of Aamjiwnaang's land use documentation. I've attached a map that shows the site and proposed haul road for this purpose.

If you need additional information please feel free to let Emily or I know.

I've copied Leah on this note as well.

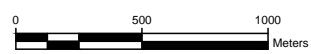
Warm regards/Miigwetch,
Darren



NOTE:
 THIS FIGURE IS PROVIDED FOR ILLUSTRATIVE PURPOSE ONLY AS PART OF
 THIS FACILITY CHARACTERISTICS ASSUMPTIONS REPORT. ALL LOCATIONS
 AND DIMENSIONS SUBJECT TO CHANGE.

SOUTHWESTERN LANDFILL ENVIRONMENTAL ASSESSMENT
 FACILITY CHARACTERISTICS ASSUMPTIONS
FIGURE 5: HAUL ROUTE & SITE ENTRANCE

- LEGEND:**
- RAILWAYS
 - MUNICIPAL BOUNDARY
 - PROVINCIAL HIGHWAYS
 - COUNTY ROADS
 - TOWNSHIP ROADS



March 29, 2016

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Dear [REDACTED]

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,



Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: [REDACTED]

May 13, 2016

Notice of Commencement of the Environmental Assessment

The Notice of Commencement of the Environmental Assessment was published on May 11, 2016 for the Southwestern Landfill Proposal in the Township of Zorra, Oxford County, Ontario.

The intent of the Notice of Commencement is to announce that the EA process has formally begun. This means that we will be starting the activities that are described in the Approved Terms of Reference, as amended by the Minister of Environment and Climate Change.

During the Environmental Assessment phase, we will be consulting with Aboriginal Communities, government, and interested members of the public.

We would appreciate the opportunity to discuss with you:

1. How we can support meaningful consultation in your community, including your preferences for the type and frequency of communication.
2. Next steps in the Environmental Assessment process.

We will be reaching out to set up meetings. If you would like to contact me directly, please call 905-680-3675 or email me at boehler@walkerind.com.

If you are interested in receiving regular updates to your email on the Southwestern Landfill Environmental Assessment, please subscribe to our website, www.walkerea.com.

Sincerely,



Becky Oehler
Consultation Manager



Environmental Assessment Notice of Commencement

Southwestern Landfill Environmental Assessment

May 13, 2016

Notice of Commencement of the Environmental Assessment

Please be advised that the Notice of Commencement of the Environmental Assessment was published on May 11, 2016 for the Southwestern Landfill Proposal in the Township of Zorra, Oxford County, Ontario.

The intent of the Notice of Commencement is to announce that the EA process has formally begun. This means that we will be starting the activities that are described in the Approved Terms of Reference, as amended by the Minister of Environment and Climate Change.

During the Environmental Assessment phase, we will be consulting with Aboriginal Communities, government, and interested members of the public. Please feel free to contact me with any questions or comments, by phone at 905-680-3675 or by email at boehler@walkerind.com.

Sincerely,

A handwritten signature in black ink that reads "Becky Oehler".

Becky Oehler
Consultation Manager

Toll Free: 1-855-392-5537

Website: www.walkerea.com

July 11, 2016

RE: Community Exchange Newsletter – July 2016

Please find enclosed the Community Exchange newsletter for the Southwestern Landfill Environmental Assessment. This month's issue focuses on the different options ("alternative methods") for the landfill that we will be reviewing over the coming months:

- Landfill footprint
- Landfill design
- Leachate treatment
- Landfill gas management
- Haul route & site entrance

We are looking forward to discussing these topics with you to hear your concerns and input. We have heard that the workshops held during the Terms of Reference phase were of value. We are in the process of planning further workshops and someone will be in touch with you with proposed dates.

As always, please feel free to contact myself or our office to set up a meeting at a time and location convenient for you. You can also find more information on our website, www.walkerind.com, where you can subscribe to news about the Southwestern Landfill Environmental Assessment.

Warm Regards,

Becky Oehler
Community Engagement Manager
Southwestern Landfill
boehler@walkerind.com
905-680-3675

Please find enclosed the Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue focuses on the different options ("alternative methods") for the landfill that we will be reviewing over the coming months. You should also receive a copy in the mail.

We have heard that the workshops held during the Terms of Reference phase were valuable to attendees. We are in the process of planning further workshops and someone will be in touch with you or another representative from your community regarding proposed dates in November.

As always, please feel free to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105) to get more information or to set up a meeting at a time and location convenient for you. You can also find more information on our website, www.walkerind.com, where you can subscribe to news about the Southwestern Landfill Environmental Assessment.

Warm Regards,
Becky Oehler
289-257-1680



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www.walkerea.com

August 17, 2016

RE: Community Exchange Newsletter – August 2016

Please find enclosed the August 2016 Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue provides a project update, details for an upcoming public event September 1, 2016, and information about how landfills protect and monitor groundwater. You are welcome to attend the September 1 event.

We are also in the process of finalizing details of the workshop on November 2, 2016, from 10 am to 4 pm at the Quality Inn in Woodstock, Ontario. You or another representative from your community should have already received an invitation to this workshop. If you would like more information, please do not hesitate to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105).

Warm Regards,

A handwritten signature in black ink that reads "Becky Oehler". The signature is written in a cursive, flowing style.

Becky Oehler
Community Engagement Manager
Southwestern Landfill
boehler@walkerind.com
905-680-3675

From: [Becky Oehler](#)
To: Info@walkerea.com
Subject: FW: August 2016 Community Exchange
Date: Wednesday, August 17, 2016 8:54:28 AM
Attachments: [image001.png](#)
[CE August 2016.pdf](#)

Good morning,

Please find attached the August 2016 Community Exchange newsletter for the Walker Environmental Southwestern Landfill Environmental Assessment. This month's issue provides a project update, details for an upcoming public event September 1, 2016, and information about how landfills protect and monitor groundwater. You are welcome to attend the September 1 event.

We are also in the process of finalizing details of the workshop on November 2, 2016, from 10 am to 4 pm at the Quality Inn in Woodstock, Ontario. You or another representative from your community should have already received an invitation to this workshop. If you would like more information, please do not hesitate to contact myself, our office (1-855-392-5537), or Jeremy Shute at Shared Value Solutions (226-706-8888 x. 105).

Warm Regards,
Becky Oehler
905-680-3675

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
www.walkerind.com



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October 24th, 2016

[Redacted]

To: [Redacted]

**RE: Southwestern Landfill Environmental Assessment
First Nations Workshop – November 2nd, 2016**

As Walker Environmental conducts this Environmental Assessment (EA) for its Southwestern Landfill (SWLF) Proposal, engaging and consulting First Nations remains a priority. We recognize the unique rights, culture and perspectives of Indigenous peoples and seek to incorporate these views in our how we conduct our EA. We also seek to create dialogue, share knowledge and identify opportunities where we can collaborate on aligned interests.

We would like to formally invite two attendees from your Nation to a workshop that will focus on First Nations perspectives of the SWLF EA. Councillor Anthony Ireland has attended past workshops and we have had several meetings with Joel Abram both in his role as Chief and Councillor. We will also follow up directly with you in the coming weeks to schedule a meeting to discuss the Southwestern Landfill EA.

The intention of this workshop is to provide an update on the status of the SWLF EA, review some key feedback we have received to-date from previous consultation with First Nations and have an open dialogue around we can best move forward with the SWLF EA process.

Meeting Details

Date: November 2nd, 2016
Time: 10:00 am to 3:00 pm
Location: Quality Hotel & Suites
580 Bruin Blvd. Woodstock, ON N4V 1E5 (519) 537-5586

Proposed Agenda

Time	Topic
10:00 – 10:15 am	Welcome & Opening Remarks Agenda Overview
10:15 – 10:45 am	Southwestern Landfill EA - Background & Update
10:45 – 12:30 pm	Preferred Alternative Discussion
12:30 – 1:30 pm	Lunch
1:30 – 2:30 pm	Next Steps
2:30 – 3:00 pm	Wrap-up and Closing Remarks

November 1, 2017

ADDRESS
ADDRESS

Dear [Indigenous Community],

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

This letter is to notify you that the technical work plans for the Southwestern Landfill Environmental Assessment have been finalized and are now available on the project website, www.walkerea.com, under "Learn More About Technical Work Plans". These work plans describe how the landfill will be studied within 12 different disciplines, as well as how cumulative effects will be considered. Two of the work plans, Human Health Risk Assessment and Air Quality, are not yet available due to outstanding required meetings. You will be notified when the outstanding final work plans are available.

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the 13 final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,



Darren Fry, Project Director

CC: Councillor Brandon Doxtator, Environment Portfolio

From: [Becky Oehler](#)
To: hgrant.doxtator@oneida.on.ca; antone.carol@oneida.on.ca; brandon.doxtator@oneida.on.ca; clinton.cornelius@oneida.on.ca
Cc: Randall.phillips@oneida.on.ca; powless.martin@oneida.on.ca
Subject: Nov 2, 2016 Workshop Invitation Letter
Date: Monday, October 24, 2016 3:42:18 PM
Attachments: [General Information - Pages.pdf](#)
[Invitation Letter Environment Portfolio Councilors.pdf](#)

Good morning Councilors,

I would like to invite you to attend a workshop for the Walker Environmental Southwestern Landfill Environmental Assessment, to be held on November 2, 2016 at the Quality Inn in Woodstock, Ontario. The attached letter includes a proposed agenda and additional details.

I have also attached a General Information booklet about the project, and you can find more information on our website at www.walkerea.com. If you and/or someone else will be attending, please confirm with Tanya at 1-855-392-5537 or info@walkerind.com.

If you have any questions in advance of the workshop, please let me know.

Warm Regards,
Becky Oehler
905-680-3675

Detailed Summary - November 2 Workshop

Becky Oehler

Sent: Monday, December 19, 2016 10:51 AM

To: Louise Hillier [cfnchief@live.com]

Cc: Darren Fry; jeremy.shute@sharedvaluesolutions.com

Categories: value

Attachments: FN Workshop November 2, 20~1.pdf (354 KB) ; FN Workshop November 2, 20~2.pdf (1 MB)

Good Morning Chief Hillier,

I'm sorry you weren't able to attend the November 2nd workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We have prepared a detailed summary of the workshop with a goal of accurately capturing the dialogue for both participants and those who were unable to attend.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any questions or comments regarding the workshop or documents. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*

From: [Becky Oehler](#)
To: Info@walkerea.com
Subject: January 2017 Community Exchange Newsletter - Walker Environmental
Date: Monday, January 30, 2017 11:05:21 AM

Good morning,

The [January 2017 edition of the Community Exchange newsletter](#) for the Walker Environmental Southwestern Landfill Environmental Assessment is now available ([click here](#)).

This issue includes:

- What's coming up in 2017
- Information about the upcoming traffic study and how traffic is managed at our landfill in Niagara
- A guide to documents you may be interested in

If you have any questions or comments, please [contact our team](#).

Also, we will soon be providing more information about the **upcoming workshop** for First Nations representatives on the [updated draft technical work plans](#).

Warm Regards,
Becky Oehler
Community Engagement Manager

Becky Oehler

From: Becky Oehler
Sent: Thursday, February 16, 2017 2:02 PM
To: Info@walkerea.com
Cc: Darren Fry; Tanya Sehmrau
Subject: March 21 Workshop - Walker Environmental Southwestern Landfill
Attachments: FN Workshop November 2, 2016 Summary.pdf

Good afternoon,

On November 2, 2016, a workshop was held regarding the Walker Environmental Southwestern Landfill Environmental Assessment, a landfill proposed in Zorra Township, Oxford County. The workshop summary is attached.

As a group, we decided to meet again in March, and representatives from Chippewas of the Thames First Nation offered to hold the event at their facility. A date had been set for March 8th, but due to scheduling conflicts, the date has been changed. Details:

Main Topic: Finalization of Technical Work Plans (*in preparation of technical studies, scheduled to begin in Spring 2017*)

Date: Tuesday, March 21, 2017

Time: 10 am – 4 pm

Location: SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*)

More information, including an agenda, will be made available prior to the workshop. If there are specific agenda items you would like to discuss, please let me know.

Please RSVP with your name and any dietary restrictions by March 14, 2017. You can email me, or call Tanya at 1-855-392-5537.

Looking forward to hearing from you,
Becky

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
www.walkerind.com



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Becky Oehler

Subject: Southwestern Landfill Workshop
Location: SOAHAC Boardroom, 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0

Start: Tue 3/21/2017 10:00 AM
End: Tue 3/21/2017 4:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Becky Oehler
Required Attendees: Darren Fry; jeremy.shute@sharedvaluesolutions.com; A [REDACTED]
[REDACTED]
[REDACTED]
Info@walkerea.com

Good afternoon,

As a reminder, Walker Environmental is holding a workshop for First Nations representatives on **March 21** at Chippewas of the Thames First Nation. Please RSVP by March 14 if you have not done so already. If there are specific agenda items you would like to discuss, please let me know. If you are unable to attend but would like to discuss, please let me know and I would be happy to set up a meeting.

Workshop Details:

Main Topic: Finalization of Technical Work Plans (*in preparation of technical studies, scheduled to begin in Spring 2017*)

Date: Tuesday, March 21, 2017

Time: 10 am – 4 pm

Location: SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*)

Proposed Agenda:

10 am – 10:30 am	Update on status of Southwestern Landfill EA
10:30 am – 12:30 pm	Presentation and Discussion – Key updates to the Technical Work Plans <i>Focus on input received from First Nations during the Terms of Reference and how it has been integrated into the work plans.</i>
12:30 pm – 1:30 pm	Lunch

1:30 pm – 3:00 pm	First Nations discussion <i>Walker representatives will leave the room to provide space for discussion among First Nations representatives.</i>
3:00 pm – 4:00 pm	Wrap-up discussion, next steps, Q&A.

Looking forward to hearing from you,
Becky

April 5, 2017

RE: Updates to the Technical Work Plans

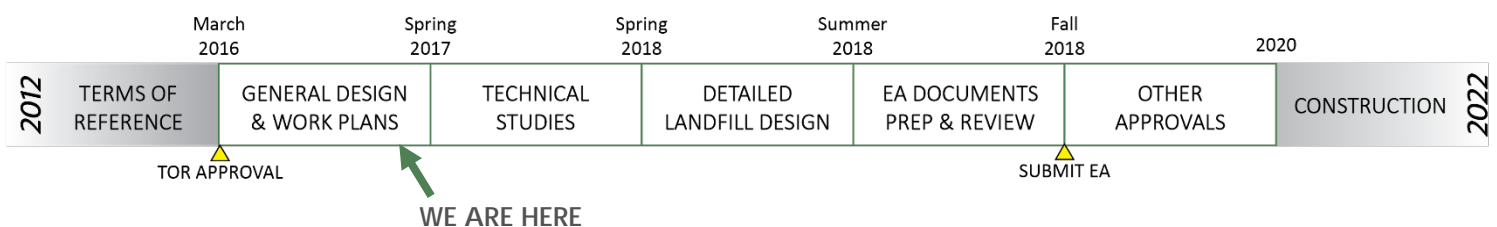
Walker Environmental has updated the technical work plans for the Southwestern Landfill Environmental Assessment (EA). There is one work plan for each study (12), plus an additional work plan that describes how cumulative effects will be evaluated. These work plans establish how the technical studies will be conducted as part of this EA.

The first drafts of the work plans were written during the Terms of Reference (2012-2013). At that time, consultation was carried out and the first draft was revised to reflect comments that were received (May 2013 version).

The work plans have now been updated to reflect:

- Input received from First Nations
- Climate change projections
- Comments received on the Terms of Reference
- Municipal planning assumptions
- Facility Characteristics (conceptual landfill design)

These work plans form one of many stages in the overall EA process. Below is a figure outlining the status of the EA and the anticipated EA completion date in late 2018. Walker will continue to update, engage, and consult with First Nations during the course of this EA.



Enclosed are the red-line versions of each plan, which identify how the plans have been changed since the 2013 draft version. In each work plan, Appendix B contains comments received and how they were addressed. **These documents are provided to you in the event you would like to review and/or comment on the updates made to the technical work plans.**

Available Online: The work plans are also available on our project website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp> (click on "Learn More About → Technical Work Plans")

Comments: We would appreciate comment submission by **May 15, 2017**. If you require additional time, please contact Becky Oehler at 289-257-1680 or boehler@walkerind.com.

Also enclosed is a work plan summary booklet that was provided at the March 21, 2017 meeting. It is intended to act as an overview of the work plans as a starting point, or as a discussion tool.

Please let me know if you have any questions. We are happy to meet at your convenience.

Warm Regards,

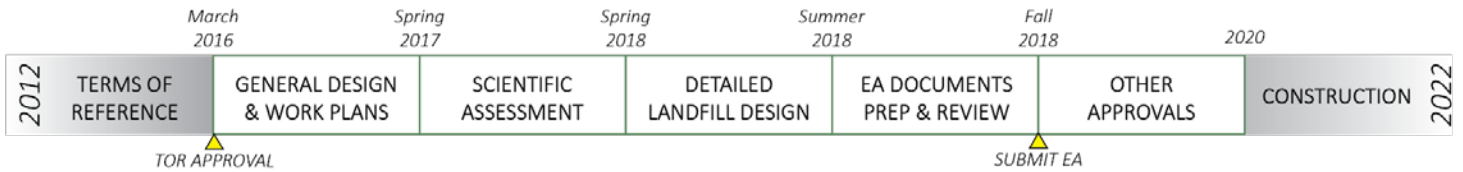
A handwritten signature in black ink that reads "Becky Oehler". The signature is written in a cursive style with a large, stylized initial "B".

Becky Oehler
Community Engagement Manager - Southwestern Landfill
boehler@walkerind.com • 905-680-3675

Please note:

- We have scheduled the event to allow for same-day travel.
- Mileage will be reimbursed upon request.
- Outcomes from the day will be recorded and distributed to all invited First Nations.

We would like to thank you and your community for expressing an interest in our Southwestern Landfill Proposal. We are still in the early stages of the EA and are working closely with First Nations, interested community members and government agencies while we conduct this Environmental Assessment; please visit www.walkerea.com for more information. The figure below illustrates where we are in the EA process.



If we haven't already, we will be following up by phone shortly to confirm who from your community will be attending. Should your community need to send more than two attendees to this session, please let us know so that we can arrange meeting logistics. We look forward to this opportunity to reconnect, share insight into this EA and discuss how best to proceed into the next stages of the EA. Thank you again.

Sincerely,

Darren Fry
Project Director, Southwestern Landfill EA
Walker Environmental
Toll Free: 1-855-392-5537
Email: dfry@walkerind.com
Company Website: www.walkerind.com
Project Website: www.walkerea.com

cc: Chief Randall Phillips



SWLF Newsletter & Open House (Nov 28-30)

Becky Oehler

Sent: Monday, November 06, 2017 10:45 AM

To: Info@walkerea.com

Good morning,

The October edition of the Community Exchange newsletter regarding the Walker Environmental Southwestern Landfill EA is now available. You can access it by [clicking here](#).

In the newsletter, you will see that there will be an open house at the Walker Environmental office (160 Carnegie St. Ingersoll) from November 28-30. This event has been scheduled as an opportunity to ask questions and discuss the Southwestern Landfill EA.

As always, we are also available during our regular office hours (Monday to Friday, 9 am to 4 pm) or by appointment at a time and place that is convenient for you. We are also open to attending community events and setting up a booth for those interested in learning more about the project.

Best wishes,
Becky



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 2, 2018

[REDACTED]

Dear [REDACTED]

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

CC: [REDACTED]

Leslie Galloway

From: Becky Oehler
Sent: Friday, March 8, 2019 12:29 PM
To: Info@walkerea.com
Subject: FW: Southwestern Landfill EA - March 2019 Newsletter

Categories: Follow-up

Sent to FN key contacts email list:

[Redacted]

From: Becky Oehler <BOehler@walkerind.com>
Sent: Friday, March 08, 2019 12:28 PM
To: Info@walkerea.com
Subject: Southwestern Landfill EA - March 2019 Newsletter

Good afternoon,

The [March 2019 edition of the Community Exchange newsletter](#) for the Walker Environmental Southwestern Landfill Environmental Assessment is now available! In this edition, you'll find information about the upcoming release of the Draft EA this summer, information about recent and upcoming meetings, and tips on making your garden pollinator-friendly this spring.

As always, if you have any questions or comments, please [contact our team](#). We are available to discuss the project by email, phone, or in person. We happy to meet with you at a time and place that's convenient for you.

[Click here to read the March 2019 edition of the Community Exchange newsletter](#)

Best wishes,
Becky

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

Leslie Galloway

From: Emily Sykes
Sent: Thursday, September 5, 2019 3:10 PM
To: Info@walkerea.com
Subject: September 2019- Southwestern Landfill Community Exchange Newsletter

Categories: Follow-up

Good Morning,

I hope you are enjoying the beautiful September weather. My name is Emily, and I work for Walker Environmental Group (WEG). I will be assuming Becky Oehler's community engagement role with WEG for the Southwestern Landfill EA while she is on parental leave.

I am writing this morning to inform you that the September 2019 edition of the Community Exchange newsletter for the Southwestern Landfill EA is now available on the Southwestern Landfill website.

[Click Here to access the September 2019 Community Exchange](#)

Regards,

Emily

Vol IV Appendix I-10 Indigenous Communities Correspondence

Kettle & Stoney Point First Nation

From: [Becky Oehler](#)
To: ["valerie.george@kettlepoint.org"](mailto:valerie.george@kettlepoint.org)
Cc: [Jeremy Shute](#)
Subject: Follow-Up from November 2 Workshop
Date: Monday, November 07, 2016 3:18:13 PM

Hi Valerie,

Jeremy Shute let me know that you would like a hard copy of the materials from the November 2 workshop for the Southwestern Landfill Environmental Assessment. As requested, we are mailing a copy of the workshop materials to you. It should arrive within 5 business days, so please let me know if you haven't received it by early next week.

Also, I'll be sending out an email with digital copies of the workshop materials once we have completed the Workshop Summary. Please let me know if you have any other questions or requests for materials.

Thanks,
Becky

From: [Becky Oehler](mailto:Becky.Oehler@walkerind.com)
To: Info@walkerea.com
Subject: FW: Detailed Summary - November 2 Workshop
Date: Monday, December 19, 2016 12:59:31 PM
Attachments: [image002.png](#)

From: Valerie George [mailto:Valerie.George@kettlepoint.org]
Sent: Monday, December 19, 2016 11:02 AM
To: Becky Oehler <BOehler@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; jeremy.shute@sharedvaluesolutions.com
Subject: RE: Detailed Summary - November 2 Workshop

Hello Becky

Thank you for the information. I have marked March 8th on my calendar and hope it stays priority. I look forward to the next workshop.
Have a great and safe holiday season.

Valerie George

From: Becky Oehler [mailto:BOehler@walkerind.com]
Sent: December-19-16 10:59 AM
To: Valerie George <Valerie.George@kettlepoint.org>
Cc: Darren Fry <DFry@walkerind.com>; jeremy.shute@sharedvaluesolutions.com
Subject: Detailed Summary - November 2 Workshop

Good Morning Valerie,

I'm sorry you were unable attend the November 2nd workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We have prepared a detailed summary of the workshop with a goal of accurately capturing the dialogue for both participants and those who were unable to attend.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any questions or comments regarding the workshop or documents.
The next workshop is scheduled for March 8, 2017, and additional details will be sent closer to the event.

Best wishes for a happy holiday season,
Becky

Past Session Reports

Becky Oehler

Sent: Monday, April 10, 2017 12:01 PM

To: Valerie George [valerie.george@kettlepoint.org]

Attachments: SWLF EA Session #3 Report ~1.pdf (135 KB) ; Session #4 Report - Thames~1.pdf (709 KB) ; Session #5 Report - Thames~1.pdf (266 KB) ; SWLF EA Session #1 Report ~1.pdf (543 KB) ; SWLF EA Session #2 Report ~1.pdf (624 KB)

Good morning Valerie,

At the information session on March 21, you requested the reports from all of the previous workshops/information sessions that have been held between the Walker Environmental Southwestern Landfill EA team and representatives from First Nations. There were 5 meetings during the Terms of Reference between October 2012 and November 2014.

The November 27, 2013 session was led by Neegan Burnside, who carried out a review of the draft technical work plans during the Terms of Reference, on behalf of Walpole Island First Nation. They shared their results with the attendees.

The two sessions in 2014 were carried out after the amendment to the Terms of Reference was submitted to the MOECC in May of 2014. The focus of these sessions was a more general conversation about the Thames River.

Copies of the workshop reports are attached. Please let me know if you have any questions.

Warm regards,
Becky

Walker Environmental Southwestern Landfill EA - Updated Technical Work Plans

Becky Oehler

Sent: Monday, April 10, 2017 11:03 AM
To: Valerie George [valerie.george@kettlepoint.org]
Cc: Thomas.bressette@kettlepoint.org
Attachments: Technical Work Plans Summa~1.pdf (6 MB)

Good morning Valerie,

I hope you're doing well and enjoying the beautiful spring weather!

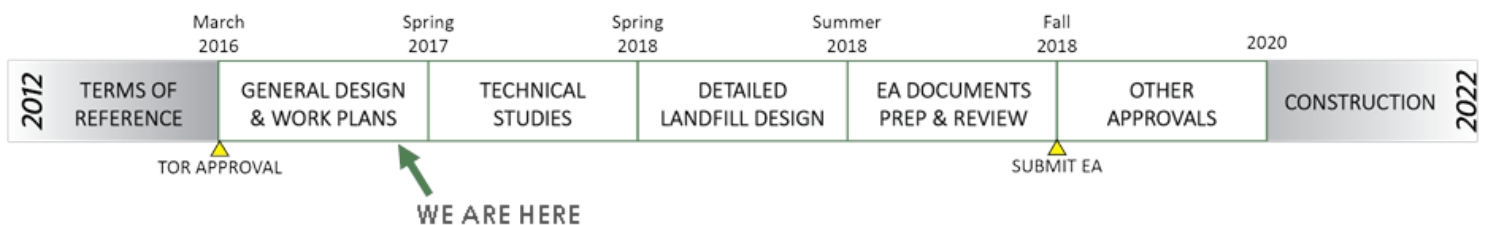
Walker Environmental has updated the technical work plans for the Southwestern Landfill Environmental Assessment (EA). There is one work plan for each study (12), plus an additional work plan that describes how cumulative effects will be evaluated. These work plans establish how the technical studies will be conducted as part of this EA.

You are being notified that the updated technical work plans are available in the event you would like to review and/or comment on the updates made to the technical work plans.

The first drafts of the work plans were written during the Terms of Reference (2012-2013). At that time, consultation was carried out and the first draft was revised to reflect comments that were received (May 2013 version).

The work plans have now been updated to reflect:

- Input received from First Nations
- Comments received on the Terms of Reference
- Facility Characteristics Assumptions (conceptual landfill design)
- Climate change projections
- Municipal planning assumptions



These work plans form one of many stages in the overall EA process. Below is a figure outlining the status of the EA and the anticipated EA completion date in late 2018. Walker will continue to update, engage, and consult with First Nations during the course of this EA.

Available Online: The work plans are available on our project website at <http://www.walkerea.com/en/learn-more->

about/Technical-Work-Plans.asp

Hard Copies: Hard copies of the work plans have been mailed to you and should arrive within a week.

Comments: We would appreciate comment submission by **May 15, 2017**. If you require additional time, please contact Becky Oehler at 289-257-1680 or boehler@walkerind.com.

Attached is a work plan summary booklet that was provided at the March 21, 2017 meeting. It is intended to act as an overview of the work plans as a starting point, or as a discussion tool. Please let me know if you have any questions. We are happy to meet at your convenience.

Warm Regards,
Becky Oehler

RE: SWLF EA Field Studies Notification

Ashley Van Dinther

Sent: Tuesday, September 19, 2017 3:24 PM
To: Info@walkerea.com

From: Ashley Van Dinther
Sent: Tuesday, September 19, 2017 3:23 PM
To: 'valerie.george@kettlepoint.org' <valerie.george@kettlepoint.org>
Subject: SWLF EA Field Studies Notification

Hello Valerie,

Please see the attached notification of field studies associated with the Southwestern Landfill EA. Early in this environmental assessment, we committed to notify certain stakeholders and First Nations of the commencement of the field study components of this EA. Should there be an interest in observing any elements of the field work.

Please feel free to review the attached notice and let us know if you would like to observe any of the field work. Please feel free to contact me at any time.

Kind regards,

Ashley

Ashley Van Dinther

Administrative Assistant
Strategic Growth

T: 905-680-3670
Toll free: 855-392-5537
www.walkerind.com



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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.



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

September 19, 2017

Ms. Valerie George
Consultation Manager, Kettle and Stony Point First Nation
6247 Indian Lane, ON N0N 1J1

Dear Ms. George,

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *"Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so."*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roads, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.

	For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.
	For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.
Economic	Face-to-face or telephone interviews with nearby businesses.
	Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.
	General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.
	Key stakeholder interviews: <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.
	The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.
	An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.
	The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.
Health	N/A – uses data collected from other studies.
Noise	Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.
	Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)
	Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).
Social	Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:

a) At the start of the social study:

- Understanding neighbourhood and community-specific issues
- Identifying potential effects of the landfill

b) After the initial effects assessment has been completed (results from other studies):

- Feedback on the results of the effects assessment
- Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn's Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community

- Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)
- Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project
- Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population
- Obtain comments or suggestions on ways to mitigate effects of the proposed landfill

Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:

- County of Oxford
- Township of South West Oxford
- Township of Zorra
- Town of Ingersoll

Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:

- Help confirm/verify information
- Identify the likelihood of changing behaviours
- Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill
- Obtain comments or suggestions on ways to mitigate effects of the proposed landfill

Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.

Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.

	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ul style="list-style-type: none"> a) At the start of the social study b) After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ul style="list-style-type: none"> a) Land users and knowledge holders b) First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc. • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
<p>Visual</p>	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Thomas Bressette
Chippewas of Kettle &
Stony Point First Nation
6247 Indian line,
Lambton, ON N0N 1J1

Dear Chief Bressette,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Valerie George, Consultation Manager

Vol IV Appendix I-10

Indigenous Communities Correspondence

Chippewas of the Thames First Nation (COTTFN)

March 29, 2016

Chief Leslee White-Eye
Chippewas of the Thames First Nation
320 Chippewa Road, R.R. #1
Muncey, Ontario N0L 1Y0

Dear Chief White-Eye,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,



Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Kelly Riley, *Land and Environment Office*

From: [Becky Oehler](mailto:Becky.Oehler@walkerind.com)
To: Info@walkerea.com
Subject: FW: Southwest Landfill Project - EA workshop #1
Date: Monday, August 08, 2016 9:30:32 AM
Attachments: [image001.png](#)

From: jeremy.shute@sharedvaluesolutions.com [mailto:jeremy.shute@sharedvaluesolutions.com]
Sent: Monday, August 08, 2016 9:22 AM
To: Fallon Burch <fburch@cottfn.com>; Mary Alikakos <malikakos@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>
Subject: RE: Southwest Landfill Project - EA workshop #1

Good morning,
Fallon, when we talked on the phone on Friday we talked about getting together for a face-to-face meeting in the near term to share some information about the current status of the project. Darren Fry and Becky Oehler from Walker are available on the **August 17, 19, 25 and 26th**.

Would any of those dates work at your end?

Regards,
Jeremy

Jeremy Shute, M.A., R.P.P.
Managing Partner, Shared Value Solutions Ltd.

Office: 226-706-8888 ext 105

jeremy.shute@sharedvaluesolutions.com www.sharedvaluesolutions.com
62 Baker Street, Guelph, ON, Canada N1H 4G1

----- Original Message -----
Subject: RE: Southwest Landfill Project - EA workshop #1
From: "Fallon Burch" <fburch@cottfn.com>
Date: Fri, August 05, 2016 3:36 pm
To: <jeremy.shute@sharedvaluesolutions.com>

Hi Jeremy,

I look forward to hearing from you. Just a heads up I will be taking a few days vacation next week. I will be back in the office August 11, 2016.

Thanks,

Fallon

From: jeremy.shute@sharedvaluesolutions.com
[mailto:jeremy.shute@sharedvaluesolutions.com]
Sent: August 5, 2016 2:05 PM
To: Mary Alikakos <malikakos@cottfn.com>

Cc: fburch@cottfn.com; Becky Oehler <BOehler@walkerind.com>

Subject: RE: Southwest Landfill Project - EA workshop #1

Thank you Mary.

Hello Fallon. I'll give you a call to follow up.

All the best,
Jeremy

Jeremy Shute, M.A., R.P.P.
Managing Partner, Shared Value Solutions Ltd.

Office: 226-706-8888 ext 105

jeremy.shute@sharedvaluesolutions.com www.sharedvaluesolutions.com
62 Baker Street, Guelph, ON, Canada N1H 4G1

----- Original Message -----

Subject: RE: Southwest Landfill Project - EA workshop #1

From: "Mary Alikakos" <malikakos@cottfn.com>

Date: Fri, August 05, 2016 1:25 pm

To: "'Jeremy Shute'" <jeremy.shute@sharedvaluesolutions.com>

Cc: <fburch@cottfn.com>

Hi Jeremy,

I can't recall when we spoke last, whether I had let you know that Fallon was returning from maternity leave. She has returned and has resumed her position of Consultation Coordinator. I've copied her in as she'll be the main point of contact for COTTFN.

Thanks,
Mary



Mary Alikakos
Sr. Environment Officer
Chippewas of the Thames First Nation
320 Chippewa Road, Muncney, ON N0L 1Y0
519-289-2662 ext. 212

This email or documents accompanying this email contain information belonging to the Chippewas of the Thames First Nation, which may be confidential and/or legally privileged. The information is intended only for the addressed recipient(s). If you are not an intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this email is strictly prohibited. If you have received this email in error, please advise my office and delete it from your system.

From: Jeremy Shute
[<mailto:jeremy.shute@sharedvaluesolutions.com>]
Sent: August 5, 2016 10:47 AM

To: Mary Alikakos <malikakos@cottfn.com>
Cc: Becky Oehler <BOehler@walkerind.com>
Subject: Southwest Landfill Project - EA workshop #1

Good morning Mary,
We have settled on November 2nd from 10-4 for the first workshop for the Southwest Landfill project. It will be held in the same location as previous workshop - The Quality Inn in Woodstock.

I will follow up with you closer to the date to discuss the agenda for the workshop.

Best regards,
Jeremy

Jeremy Shute, M.A., R.P.P.
Managing Partner
Shared Value Solutions
226-706-8888 xt 105 (office)
519-993-2706 (cell)
Jeremy.shute@sharedvaluesolutions.com

62 Baker Street
Guelph, ON
N1H 4G1
Canada

From: [Becky Oehler](#)
To: [Fallon Burch](#)
Cc: [Jeremy Shute](#)
Subject: Follow-Up from November 2 Workshop
Date: Monday, November 07, 2016 3:13:42 PM

Hi Fallon,

Hope you had a great weekend! As requested at the workshop last week, we are mailing a copy of the Thames River Watershed Map to you. It should arrive within 5 business days, so please let me know if you don't receive it by early next week.

I'll be sending out an email with a copy of the workshop materials once we have completed the Workshop Summary. Please let me know if you have any other questions or requests for materials.

Thanks,
Becky

From: [Becky Oehler](#)
To: [Fallon Burch](#)
Cc: [Darren Fry](#); jeremy.shute@sharedvaluesolutions.com
Subject: Detailed Summary - November 2 Workshop
Date: Monday, December 19, 2016 10:30:59 AM
Attachments: [FN Workshop November 2, 2016 Summary.pdf](#)
[FN Workshop November 2, 2016 Resource Materials.pdf](#)

Good Morning Fallon,

Thank you very much for attending the November 2 workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We appreciate your thoughts and questions, and look forward to continuing the conversation in the new year. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any feedback on the detailed summary, regarding the format or content. Our goal is to provide an accurate record of the discussion.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*

From: [Becky Oehler](#)
To: ["Fallon Burch"](#)
Cc: [Darren Fry](#)
Subject: Upcoming Workshop and Consultation Protocol Meeting
Date: Wednesday, January 25, 2017 11:14:30 AM

Hi Fallon,

Thanks for chatting with me on the phone even though you're sick!

For the workshop, the date is March 8, and we'll need the room for the whole workday. The workshop will likely start around 10, but want to set up before that, so I'd like to book the room from 9 am – 5 pm. Thanks for offering to check with caterers for me, I'll keep an eye out for your email with a menu.

Regarding the consultation protocol meeting, here are some dates that would work for Darren and I. The best times for us are between 9 am – 3pm.

- Tuesday February 7
- Wednesday February 8
- Tuesday February 14
- Wednesday February 15
- Tuesday February 28
- Wednesday March 1

Thanks and I hope you feel better soon!

Becky

RE: Walker Project

Darren Fry

Sent: Friday, September 29, 2017 9:13 AM
To: Clint Couchie [ccouchie@cottfn.com]

Hi Clint – hope all is well.

Just checking in to see if you have any updates to share? I'd be happy to set up a time for me to stop by, introduce myself, say hi and answer any questions you have.

Let me know,

Regards,
Darren

From: Clint Couchie [mailto:ccouchie@cottfn.com]

Sent: Wednesday, September 06, 2017 3:58 PM

To: Darren Fry <DFry@walkerind.com>

Cc: Mark French <mefrench@cottfn.com>

Subject: Re: Walker Project

Hi Darren,

I will follow up tomorrow after I have some time to touch base with a few folks here.
Thanks for reaching out.

Clint Couchie

Policy Analyst

Chippewas of the Thames First Nation

320 Chippewa Rd

R R #1

Muncey, ON

N0L 1Y0

T: 519-289-5555

C: 519-200-1845

Fax: 519-289-2230

www.cottfn.com

On Sep 6, 2017, at 3:52 PM, Darren Fry <DFry@walkerind.com> wrote:

Hi Clint and thanks for taking the time to speak today. I've copied the last correspondence with Emma below.

We are preparing to begin some field studies but have postponed some of them until we've had a chance to engage with COTTFN on having environmental monitors involved. If this is of interest, let me know, I would happy to come out to the Nation and discuss further and provide any background information on the proposal (Southwestern Landfill EA) that you require.

Feel free to call me anytime 905.329.4265.

Miigwech,
Darren

From: Darren Fry

Sent: Tuesday, August 08, 2017 2:14 PM

To: 'Emma Young' <eyoung@cottfn.com>

Cc: Kelly Riley <kriley@cottfn.com>; Clint Couchie <ccouchie@cottfn.com>; Fallon Burch <fburch@cottfn.com>; Myeengun Henry <myeengun@cottfn.com>

Subject: RE: Walker Project

Boozhoo Emma,

It was nice speaking with you today and thank you for following up.

Fallon has been very supportive in keeping us informed of the recent election. If you require any information from us or have any questions, please feel free to ask.

We are now at the stage in the EA where we are prepared to begin the EA studies. In past conversations with staff, we have discussed interests in Environmental Monitors while we conduct studies. We would like to continue this conversation with the Nation and look forward to hearing from you at your convenience.

Miigwech,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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

[<image002.jpg>](#)

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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.

From: Emma Young [<mailto:eyoung@cottfn.com>]
Sent: Tuesday, August 08, 2017 1:29 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Kelly Riley <kriley@cottfn.com>; Clint Couchie <ccouchie@cottfn.com>; Fallon Burch <fburch@cottfn.com>; Myeengun Henry <myeengun@cottfn.com>
Subject: Walker Project

Hi Darren,

Further to our conversation this morning, I understand you were contacting us as the study for this project is about to begin. As discussed, I have included Kelly, Clint, Fallon and our newly elected Chief, Myeengun in this email.

Due to our recent elections, a new Chief and Council has been elected. Currently they are being orientated on their new positions and the first Council meeting is not until the 22nd of August. As such, Chippewa is currently in a transitional period and it may take a bit of time to address this as the new council will need to be familiarized with this project.

Best wishes,
Emma

<image001.png>



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

October 16, 2017

Mr. Clint Couchie
Consultation Manager,
Chippewas of the Thames First Nation
320 Chippewa Rd., R.R.#1
Muncey, ON N0L 1Y0

Dear Mr. Couchie:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNRF), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria "Loss or Disturbance to Aquatic Life": Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria "Loss or Disturbance to Terrestrial Ecosystems": Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.

	<p>For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.</p> <p>For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.</p>
Economic	<p>Face-to-face or telephone interviews with nearby businesses.</p> <p>Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.</p> <p>General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.</p> <p>Key stakeholder interviews:</p> <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	<p>Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.</p> <p>The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.</p> <p>An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.</p> <p>The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.</p>
Health	N/A – uses data collected from other studies.
Noise	<p>Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.</p> <p>Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)</p> <p>Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).</p>
Social	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues • Identifying potential effects of the landfill <p>b) After the initial effects assessment has been completed (results from other studies):</p>

- Feedback on the results of the effects assessment
- Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community
- Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)

	<ul style="list-style-type: none"> • Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project • Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill
	<p>Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:</p> <ul style="list-style-type: none"> • County of Oxford • Township of South West Oxford • Township of Zorra • Town of Ingersoll
	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> At the start of the social study After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> Land users and knowledge holders First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc.

	<ul style="list-style-type: none"> • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
Visual	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>

RE: Chippewas of the Thames First Nation

Darren Fry

Sent: Wednesday, January 17, 2018 9:58 AM
To: Emma Young [eyoung@cottfn.com]
Cc: Kelly Riley [kriley@cottfn.com]; Warren Huff [warren@cottfn.com]; Rochelle Smith [rsmith@cottfn.com]

Hello Emma,

Yes, we have spoken/met and it's good to hear from you again. Thank you for the invitation for us to speak with the Environment Committee – we would be pleased to meet.

I will get back to you shortly with some dates as my calendar is generally open.

Miigwetch,
Darren

From: Emma Young [mailto:eyoung@cottfn.com]
Sent: Tuesday, January 16, 2018 2:47 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Kelly Riley <kriley@cottfn.com>; Warren Huff <warren@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>
Subject: Chippewas of the Thames First Nation

Hi Darren,

My name is Emma Young, the Environment Officer for COTTFN. We briefly spoke on the phone this past summer and met at the Environment Summit hosted by Oneida in November.

Part of our discussion in November was the possibility of having you and your colleagues come to Chippewa and do a presentation on the proposed Southwestern Landfill to our Environment Committee. At our most recent meeting, the Committee acknowledged that this is something they would be interested in.

Are there any potential dates in February that would work?

Best wishes,
Emma



Emma Young
Senior Environment Officer
Chippewas of the Thames First Nation
320 Chippewa Road, Muncey, ON N0L 1Y0
519-289-2662 ext. 211

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RE: COTTFN Site Visit

Darren Fry

Sent: Tuesday, May 08, 2018 3:29 PM
To: Emma Young [eyoung@cottfn.com]
Cc: Rochelle Smith [rsmith@cottfn.com]; Kodi Chrisjohn [kchrisjohn@cottfn.com]; Ashley Van Dinther
Attachments: 2017-2018 Field Work Oxford~1.pdf (270 KB) ; SWLF EA Field work schedule.xlsx (18 KB)

Hi Emma/Rochelle/Kodi,

Yes, I appreciate you taking the time to meet with me and discuss the project. I found the discussion very helpful.

I did in fact commit to provide a number of deliverables:

1. Field Work Schedules – see attached. The pdf is an overview of all the field studies and the excel file identifies the specific field activities. If you have specific interest in any of the field activities, let us know and we'll coordinate the timing with you.
2. Notes from past First Nation Roundtable Information Session. I will send these notes under separate cover shortly.
3. Provide draft agreement for COTTFN environmental monitors for participation in archeology/other field work (ie. Mileage, hourly rate, other terms). I am working on this and will have a draft to you later this week.

We discussed scheduling a site visit and participating in an overview of the consultation protocol (as you've noted below). May 29th is best, but the 28th works as well. Also, we discussed potential interest in community members in a tour of the proposed SWLF site or our Niagara resource recovery campus (you had stated some members of the Thames River Revival committee might be interested). Just let me know, we'd be happy to help with a tour.

I'll send the information meeting notes over shortly.

Best,
Darren

From: Emma Young <eyoung@cottfn.com>
Sent: Tuesday, May 8, 2018 2:52 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Rochelle Smith <rsmith@cottfn.com>; Kodi Chrisjohn <kchrisjohn@cottfn.com>
Subject: COTTFN Site Visit

Hi Darren,

I hope all is well, I was pleased with the progress we made at our previous meeting. Could you please send the monitoring schedule that you showed us?

As discussed, Rochelle and I would be happy to meet towards the end of May to go over our consultation protocol and have a site visit at the proposed landfill location. Kodi Chrisjohn, a COTTFN Councillor who attended one of our meetings with you is also interested in attending.

Would either May 28th or May 29th work?

Best,
Emma



Emma Young

Sr. Environment Officer, Chippewas of the Thames First Nation

320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 ext. 254 |

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Leslie Galloway

From: Darren Fry
Sent: Tuesday, October 2, 2018 3:28 PM
To: 'Emma Young'
Cc: Rochelle Smith
Subject: RE: Landfill gas incorporated into distribution line

Hi Emma/Rochelle,

Sorry for the delay on this – I've had a busy past few weeks. I'll provide some key things to consider regarding landfill gas utilization and am happy to expand on any of them as you see fit:

1. Landfill size/Waste composition – this is probably the most important thing to consider. Small landfill sites or landfill sites that don't receive much organic materials don't generate enough landfill gas to viably convert it to energy. A rule of thumb is that the site needs have a minimum of 5 M tonnes in-place before considering landfill gas utilization. This doesn't mean that small sites don't generate gas – they do, but not enough to convert to energy. Small sites are generally problematic from a GHG perspective in that it's hard to collect the gas (ie. not enough to burn consistently, but still enough to be GHG sources).
2. Utilization Options – the main 3 are:
 - a. Direct Use – this is where the landfill gas (lfg) is dried (ie moisture removed) and then delivered to a nearby industry as a fuel. It usually replaces natural gas that industry would normally burn. In Niagara, we powered the nearby papermill for 15 yr. The industry has to be relatively close by because a dedicated pipeline needs to connect the landfill and industry – you can't put raw landfill gas into the existing natural gas pipeline. Anything greater than 5km is where cost of the pipeline might outweigh the project revenue and make it non-viable. Walker has 1 of these facilities.
 - b. Electricity generation – this is typically the next most economical option and is where lfg is cleaned and used as a fuel in special engines onsite to make renewable electricity. The main challenge here is the ability to connect the engine plant to the electrical grid – you need to connect to distribution lines that have enough capacity to receive the large amount of electricity being produced. In some rural cases, these lines can be several kilometres away. The further away, the less viable the project becomes. Walker has 4 of these facilities.
 - c. Renewable Natural Gas (RNG) – this is relatively new and there is only 1 or 2 of these projects currently in Canada. This is where the landfill gas is cleaned and any gases other than methane are removed. Once the gas is clean enough, it is connected to the natural gas pipeline network and displaced non-renewable natural gas. It can be also used to power vehicles (like propane or natural gas powered vehicles) although you need a lot of vehicles able to burn RNG. The pipeline needs to be relatively close (~<10km) to have a viable project and the type of pipeline you are connecting to has to be considered (ie. some are very high pressure, capacity, etc.)

Some typical drivers that help make these projects work are high natural gas and/or electricity prices. Landfill gas based energy is generally slightly more expensive than its non-renewable counterparts, but not by much. GHG emissions reductions are also drivers – these projects have significant GHG reductions, so when there is a price put on carbon emissions from non-renewable forms of energy, lfg projects can be more competitive.

I hope this helps, if you would like to chat more and have me expand on a specific area, just let me know.

Miigwetch,
Darren

From: Emma Young <eyoung@cottfn.com>
Sent: Tuesday, September 18, 2018 4:27 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Rochelle Smith <rsmith@cottfn.com>
Subject: Re: Landfill gas incorporated into disbrution line

Thanks Darren, I appreciate it!

An email would be preferable and if I have any questions afterwards, I will follow up with a phone call. 😊

I'm also happy to chat about the interviews on Monday (24th) around 10am if that works for you? That time looks available in Rochelles schedule at the moment as well.

Best,

Emma

From: Darren Fry <DFry@walkerind.com>
Sent: September 17, 2018 10:23:15 AM
To: Emma Young
Cc: Rochelle Smith
Subject: RE: Landfill gas incorporated into disbrution line

Thanks Emma – I understand what you are looking for. I can provide some info. on the drivers/barriers to landfill gas utilization. Would you prefer an email or call when you are available?

Ps – hope you had a good ride home after the tour a few weeks back. Also, I would like to speak about some interviews we've committed to do with some indigenous communities (staff/community members). Perhaps we can schedule a time to chat?

Thanks,
Darren

From: Emma Young <eyoung@cottfn.com>
Sent: Monday, September 17, 2018 9:26 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Rochelle Smith <rsmith@cottfn.com>
Subject: Re: Landfill gas incorporated into disbrution line

Hi Darren,

I'm actually stuck in Spain at the moment (not the worst problem to have) so I don't have access to a phone.

Rochelle and I deal with Landfill related proponents semi-regularly (you, Greenlane, Ridgetown, etc.) and I'm hoping for more information on how landfill gas can be better utilized rather than burning it off. Particularly when landfills are in rural areas and don't have an opportunity to easily power industry.

I recall when we were in Niagara it was made mention that Walker was looking into sending their collected landfill gas into the natural gas pipeline. My knowledge in that process and how that would work is minimal so I was hoping for more information.

Thanks!

Emma

From: Darren Fry <DFry@walkerind.com>
Sent: September 17, 2018 9:13 AM
To: Emma Young
Subject: FW: Landfill gas incorporated into distribution line

Hi Emma,

Becky is off this week. Are you free to chat later today, I'd like to better understand what information you are looking for.

I'm good this afternoon.

Thanks,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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C: 905-329-4265
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From: Becky Oehler
Sent: Monday, September 17, 2018 9:11 AM
To: Darren Fry <DFry@walkerind.com>
Subject: Fwd: Landfill gas incorporated into distribution line

----- Original message -----

From: Emma Young <eyoung@cottfn.com>
Date: 2018-09-17 8:04 AM (GMT-05:00)
To: Becky Oehler <BOehler@walkerind.com>
Cc: Rochelle Smith <rsmith@cottfn.com>
Subject: Landfill gas incorporated into distribution line

Good morning Becky,

I hope you had a great weekend! Did your notebook make it to you?

When we last met at the Niagara Site, we had briefly discussed about the various methods that would allow for landfill gas to be incorporated into the natural gas distribution line.

Could you provide some additional information on the conditions that are required/optimal for this to work?

Cheers,

Emma

FW: Walker Environmental Group: Archeology Study

Emily Sykes

Sent: Thursday, November 22, 2018 10:29 AM
To: Info@walkerea.com

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, November 21, 2018 11:43 AM
To: 'consultation@cottfn.com' <consultation@cottfn.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Darren Fry <DFry@walkerind.com>
Subject: Walker Environmental Group: Archeology Study

Good Morning Rochelle,

I hope you and the rest of the consultation team are enjoying the week so far. As per our conversation, I have noted the key points for both Walker Environmental Group and COTTFN in regards to the Archeology study next week;

- Walker anticipates our **archeology study will take place early-mid next week (tentative)**. We will be plowing the field at the end of this week, and there is rain in the forecast for the weekend.
- Walker will give the COTTFN Engagement & Consultation team minimum 2 day notice before the study takes place, so there are no conflicts for field liaison representatives.
- Darren has provided a draft field agreement, please let us know if you have any questions or concerns.

Thank you for your time, we look forward to hearing from you.

Warm Regards,

Emily

Emily Sykes

Community Engagement Coordinator

T: 905-680-3653
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Toll free: 866-694-9360
www.walkerind.com



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Emily Sykes

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Wednesday, December 05, 2018 6:10 PM
To: Emily Sykes; Darren Fry
Cc: Ashley Van Dinther; Consultation
Subject: Re: WEG-Archeology Study Thursday November 29th

Hey Emily,

That's great! Thank you for the update.
Hopefully everything goes well!

Kind regards,
Rochelle Smith

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, December 5, 2018 4:41:54 PM
To: Rochelle Smith; Darren Fry
Cc: Ashley Van Dinther; Consultation
Subject: Re: WEG-Archeology Study Thursday November 29th

Hi Rochelle,

We are set for another study day tomorrow. [REDACTED] and [REDACTED] just signed out and said they will be returning in the morning (pending weather conditions).

Thanks
Emily

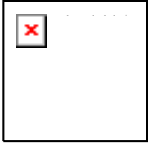
Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: Rochelle Smith <rsmith@cottfn.com>
Date: 2018-12-03 4:18 PM (GMT-05:00)
To: Emily Sykes <ESykes@walkerind.com>, Darren Fry <DFry@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>, Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Thank you Emily,
I let [REDACTED] and [REDACTED] know to there tomorrow for 8am.

Kind regards,
Rochelle Smith



Rochelle Smith

Consultation Coordinator, Chippewas of the Thames First Nation

320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>

Sent: December 3, 2018 4:17 PM

To: Rochelle Smith <rsmith@cottfn.com>; Darren Fry <DFry@walkerind.com>

Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>

Subject: Re: WEG-Archeology Study Thursday November 29th

Hi Rochelle,

We are still good for the archeology study tomorrow. If we could please have [REDACTED] meet the team at 8am.

If there is a cancellation we've requested ARA let us know by 7am so the monitors don't have to commute all the way to Ingersoll.

Thanks
Emily

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: Rochelle Smith <rsmith@cottfn.com>

Date: 2018-12-01 12:18 AM (GMT-05:00)

To: Emily Sykes <ESykes@walkerind.com>, Darren Fry <DFry@walkerind.com>

Cc: Ashley Van Dinther <AVanDinther@walkerind.com>, Consultation <consultation@cottfn.com>

Subject: Re: WEG-Archeology Study Thursday November 29th

Thank you Emily for the update.

I will let [REDACTED] know Monday.

Kind regards,
Rochelle Smith

From: Emily Sykes <ESykes@walkerind.com>

Sent: Friday, November 30, 2018 10:38:33 AM

To: Darren Fry; Rochelle Smith

Cc: Ashley Van Dinther; Consultation

Subject: RE: WEG-Archeology Study Thursday November 29th

Good Morning Rochelle,

I hope you are enjoying your Friday morning. ARA is planning to conduct the archeology study next week between Tuesday-Thursday. If you could please have 2 monitors available Tuesday December 4th at 8am. Meet at the Carnegie Street Office to sign in.

I will follow-up on Monday if anything changes.

Thanks,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, November 28, 2018 4:07 PM
To: Darren Fry <DFry@walkerind.com>; 'Rochelle Smith' <rsmith@cottfn.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Good Afternoon Rochelle,

We just heard from ARA and they have decided to cancel the Archeology Study tomorrow, if you could please notify the 2 monitors. ARA is planning to conduct the study next week instead.

We will be in touch with updates as soon as they are available.

Thank you,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, November 28, 2018 11:41 AM
To: Darren Fry <DFry@walkerind.com>; 'Rochelle Smith' <rsmith@cottfn.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Good Morning Rochelle,

I hope you are enjoying this snowy morning. I know that you and Darren recently spoke on the phone, so I would like to note some items for your record;

1. [REDACTED]
2. On Thursday November 29th, we have requested two monitors for the Archeology Study. We have asked our consultants to notify us at 7am if the study is cancelled due to weather. We will contact the monitors (via text message) if the study is cancelled so they do not need to commute. We will also forward an email onto the consultation team for your records. Should there be a cancellation tomorrow (or any following day(s) we request a monitor), we will compensate as per bullet #6.
3. We will remind monitors to sign in and out at our office with Ashley's signature. Our team does accept an email notification as a "sign out" for our consultants, so in the event a monitor does not sign out, we can send that to you for your records.

It looks like the next few days could be hit and miss for weather. Thank you for your cooperation and input as we try and coordinate this study.

Warm Regards,

Emily

From: Darren Fry <DFry@walkerind.com>
Sent: Wednesday, November 28, 2018 10:02 AM
To: 'Rochelle Smith' <rsmith@cottfn.com>; Emily Sykes <ESykes@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Thanks Rochelle – my apologies for missing that (I know it was discussed).

We'll compensate COTTFN for what is on the timesheets as well.

Thanks again,
Darren

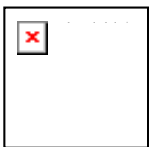
From: Rochelle Smith <rsmith@cottfn.com>
Sent: Wednesday, November 28, 2018 9:52 AM
To: Darren Fry <DFry@walkerind.com>; Emily Sykes <ESykes@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Good morning Darren/Emily,

Our agreement does indicate our monitors will receive a daily minimum. Please see bullet #6 in the agreement. I will compensate our monitors for what is currently indicated on the timesheets for Monday, November 26, 2018 of 8 hours work time.

Moving forward, for cancellations we will refer to bullet #6.
For records, our monitors provide a time sheet to the field supervisor to sign off.

Kind regards,
Rochelle Smith



Rochelle Smith
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Darren Fry <DFry@walkerind.com>
Sent: November 28, 2018 9:37 AM
To: Rochelle Smith <rsmith@cottfn.com>; Emily Sykes <ESykes@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Hi Rochelle/Emily,

I've reviewed the agreement and my notes from our Apr. meeting and can offer the following:

- The agreement doesn't speak to any daily minimum in the event of a cancellation (I'm happy to agree to something via email)
- My notes from our Apr. 30 meeting reference a 3 hr. minimum.
- I know Monday's activities included training, field observations, travel etc. and have no issue with what the monitors have reported (8 hrs) on the timesheets. No issues here.
- Moving forward, if possible – a sign-in/out email, signature or notes would be helpful. The weather looks to be challenging over the next few weeks so there may be some additional cancellations/short days.

Hope this helps,
Regards,
Darren

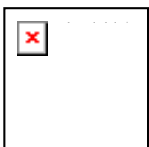
From: Rochelle Smith <rsmith@cottfn.com>
Sent: Wednesday, November 28, 2018 9:16 AM
To: Emily Sykes <ESykes@walkerind.com>; Darren Fry <DFry@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Thursday November 29th

Good morning Emily,

Thank you for the notice.

Just wanted to clarify "they will be compensated for the day" for Monday. My monitors have submitted time sheets indicating 8hrs for Monday with Ashley's signature. Could you please confirm this is correct?

Kind regards,
Rochelle Smith



Rochelle Smith
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: November 27, 2018 3:52 PM
To: Rochelle Smith <rsmith@cottfn.com>; Darren Fry <DFry@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: WEG-Archeology Study Thursday November 29th

Good Afternoon Rochelle,

The Archeology Study did not go through today as the conditions were not appropriate. [REDACTED] was able to make the commute, and unfortunately [REDACTED] was not able to attend due to driving conditions. Lauren, the ARA team leader, said her team is tentatively planning to return Thursday November 29th at 9am (forecasted sunny conditions). If we could please request to have [REDACTED] return for that day.

Please let me know if you have any questions or concerns, and I will let you know if anything changes.

Regards,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Monday, November 26, 2018 11:24 AM
To: 'Rochelle Smith' <rsmith@cottfn.com>; Darren Fry <DFry@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Monday November 26th

Good Morning Rochelle,

Happy Monday. [REDACTED] came to the office this morning for 8am, and unfortunately ARA had to call a rain day. Ashley gave health and safety training to [REDACTED], and they will be compensated for the day.

ARA is aiming again for tomorrow morning, they will be here at 8am. [REDACTED] already have their safety training so they do not need to **come until 9am**. Hopefully we will hear from the consultants early tomorrow morning about whether or not they can proceed with the survey. [REDACTED] provided their phone numbers so we will text them between 8am-8:15am.

Let us know if you have any questions or concerns.

Regards,

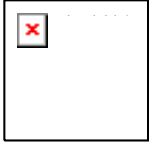
Emily

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Friday, November 23, 2018 12:14 PM
To: Darren Fry <DFry@walkerind.com>; Emily Sykes <ESykes@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Monday November 26th

Hey Darren,

We appreciate the follow up. As well, thank you for reminding us! We would love to be there ourselves but appreciate you taking the pictures for us.

Kind regards,
Rochelle Smith



Rochelle Smith
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Darren Fry <DFry@walkerind.com>
Sent: November 23, 2018 12:13 PM
To: Rochelle Smith <rsmith@cottfn.com>; Emily Sykes <ESykes@walkerind.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation <consultation@cottfn.com>
Subject: RE: WEG-Archeology Study Monday November 26th

Hi Rochelle,

Thanks for the amended agreement. I have no issues with the changes you have made.

I'm getting signatures today (hopefully). If I am unable, please consider this email as confirmation to proceed under the terms of the agreement give that work will start on Monday.

We'll make sure to get some good pictures of the field work for you as well.

Thanks,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill

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From: Rochelle Smith <rsmith@cottfn.com>
Sent: Friday, November 23, 2018 11:10 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>; Consultation

<consultation@cottfn.com>

Subject: RE: WEG-Archeology Study Monday November 26th

Good morning Emily,

Please find attached an amended agreement.

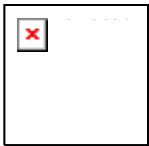
Changes made were;

1. Removed "and consult" from 2nd paragraph of 1st page.
2. Added COTTFN Personnel info
3. Added "The Proponent agrees to not disclose particulars about hourly charges or invoicing with COTTFN representatives" after bullet #6.

We have signed the agreement, please have it signed and returned if agreement is agreeable.

As well, COTTFN will be providing two representatives. [REDACTED]. They have been advised to arrive at **8am at 160 Carnegie Street Ingersoll.**

Kind regards,
Rochelle Smith



Rochelle Smith
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>

Sent: November 22, 2018 4:39 PM

To: Consultation <consultation@cottfn.com>

Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: RE: WEG-Archeology Study Monday November 26th

Hi Rochelle,

It was nice to speak to you. As per our phone conversation, I have addressed the following;

- We are **using ARA for the archeology study**, no longer [REDACTED] (my apologies for the misinformation)
- There will be upwards of 7 ARA consultants
- We have not required H&S training from consultants to FLRs. Training provided by Walker staff covers both general H&S policies and procedures, as well as site specific hazards and risk identification.

Let us know if you have any other questions or concerns.

Sincerely,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Thursday, November 22, 2018 4:01 PM
To: 'consultation@cottfn.com' <consultation@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>
Subject: WEG-Archeology Study Monday November 26th

Good Afternoon Rochelle and Fallon,

I hope the two of you are enjoying the end of your week. I wanted to inform you that Walker Environmental Group will be completing archeological fieldwork for the proposed Southwestern Landfill next week, **Monday November 26th** at 9am. We will need to give health and safety training to the COTTFN filed liaison representative(s) prior to conducting the survey, so please have them meet our team **at 8am at 160 Carnegie Street Ingersoll.**

Please let us know if you have any questions or concerns.

Sincerely,

Emily

Emily Sykes
Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
www.walkerind.com



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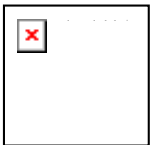
Emily Sykes

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Tuesday, December 11, 2018 4:17 PM
To: Emily Sykes; Consultation
Cc: Darren Fry; Ashley Van Dinther
Subject: RE: Phone Call Follow-up

Good Afternoon Emily,

Do to this being a seasonal position, our monitors last day will be December 13th, 2018. We open the program again come April 2019. Our monitors typically do not work the month of December, however we wanted to participate in Walker's Archaeological Assessment. With that being said, we would appreciate the continuation of the archaeological assessment be done in the Spring of 2019.

Kind regards,
Rochelle Smith



Rochelle Smith
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: December 11, 2018 3:58 PM
To: Rochelle Smith <rsmith@cottfn.com>; Consultation <consultation@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>
Subject: RE: Phone Call Follow-up

Good Afternoon Rochelle,

I hope you are having a wonderful week so far. Just an update with the Archeology Study, it does not look like the conditions are going to be favourable enough to complete the study this week. Depending on the weather, it could be the new year (spring) before we can continue/complete.

I will keep you in the loop with the status of the study.

Cheers,

Emily

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Friday, December 07, 2018 9:51 AM
To: Emily Sykes <ESykes@walkerind.com>; Consultation <consultation@cottfn.com>

Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: RE: Phone Call Follow-up

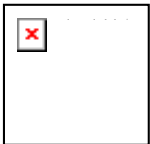
Hey Emily!

I guess it is true that great minds think alike!

I was just half way through emailing you as a follow up to our phone conversation.

I know it is hard to give more notice, but due to the weather as much notice you can give would be great. On a good day, it takes almost an hour to get to Walker.

Kind regards,
Rochelle Smith



Rochelle Smith

Consultation Coordinator, Chippewas of the Thames First Nation

320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>

Sent: December 7, 2018 9:46 AM

To: Rochelle Smith <rsmith@cottfn.com>; Consultation <consultation@cottfn.com>

Cc: Darren Fry <DFry@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: Phone Call Follow-up

Good Morning Rochelle,

It was nice to speak to you on the phone. To follow-up with our conversation, I wanted to confirm the following:

- [REDACTED] were both on stand-by Thursday December 6th, and therefore will receive the minimum payment as outlined in bullet #6 of the agreement.
- On Thursday December 6th, [REDACTED] were already on route to Ingersoll and turned around after receiving a message that weather conditions were not good, and to use their own discretion about travel. Their mileage to and from Ingersoll will be compensated for that day.

Let me know if you have any questions or concerns. Fingers crossed we can finish the study sometime next week, I will keep you updated on possible days.

Have a great weekend ☺

Emily

Emily Sykes

Community Engagement Coordinator

Leslie Galloway

From: Darren Fry
Sent: Monday, December 17, 2018 2:01 PM
To: 'Fallon Burch'
Cc: Emily Sykes; Rochelle Smith; Myeengun Henry
Subject: RE: Archaeology Monitoring for Next Week

Hello Fallon,

Thank you for this note confirming our discussion. We have instructed ARA (the archeological consultant) to take lots of photographs today and tomorrow and provide us a daily summary of work which we will provide to you. Emily will provide you with a summary later today and tomorrow.

We appreciate your understanding and apologize that we are finalizing fieldwork this late in the season (winters early arrival in late Nov. came as a bit of a surprise!).

Thanks again and speak soon,
Darren

From: Fallon Burch <fburch@cottfn.com>
Sent: Friday, December 14, 2018 2:16 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Emily Sykes <ESykes@walkerind.com>; Rochelle Smith <rsmith@cottfn.com>; Myeengun Henry <myeengun@cottfn.com>
Subject: Archaeology Monitoring for Next Week

Good afternoon Darren,

Just to follow up to our discussion earlier today. As anticipated there are only (2) days left till this study is complete and to date there have been no artifacts found. Based on this information we would like you to continue your archaeology assessment without Chippewas involvement. It's unfortunate our monitoring program has come to end for the 2018 season. As requested please provide us with a report and pictures of the day to day work that is to occur next week. We look forward to future opportunities.

Kind Regards,



Fallon Burch
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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Emily Sykes

From: Fallon Burch <fburch@cottfn.com>
Sent: Wednesday, December 19, 2018 10:48 AM
To: Emily Sykes
Cc: Rochelle Smith
Subject: RE: Archeology Summary December 17th

Good morning Emily,

Thanks for the update. We appreciate the daily reports. We look forward to continuing the archaeological work in the 2019 season, please notify us of the start day when it becomes available. Wishing you a happy holiday season!

Thanks,



Fallon Burch
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: December 18, 2018 4:39 PM
To: Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>; Consultation <consultation@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>; Info@walkerea.com
Subject: RE: Archeology Summary December 17th

Good Afternoon Fallon and Rochelle,

ARA had four employees as well as one monitor from DOCA and one monitor from HDI today. The team was able to finish the test pitting in the horse pasture north of the house. They plan to complete the remaining field work next season. Please see the attached photos from yesterday that show the area that was completed today.

Let us know if you have any questions or concerns,

Thanks,

Emily





From: Fallon Burch <fburch@cottfn.com>
Sent: Tuesday, December 18, 2018 9:08 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Rochelle Smith <rsmith@cottfn.com>
Subject: RE: Archeology Summary December 17th

Good morning Emily,

We appreciate you taking the time to provide us an update. We look forward to today's report.

Thanks,



Fallon Burch
Consultation Coordinator, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>

Sent: December 17, 2018 4:55 PM

To: Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>; Consultation <consultation@cottfn.com>

Cc: Darren Fry <DFry@walkerind.com>; Info@walkerea.com

Subject: Archeology Summary December 17th

Good Afternoon Fallon & Rochelle,

ARA arrived on site with four employees this morning along with one DOCA and one HDI monitor. The crew was unable to do the last bit of the field walk today, as the field was not weathered sufficiently for a proper assessment. However, the conditions were favourable to test pit in the horse pasture north of the house (photos from ARA below). They completed approximately 8 lines of test pitting, and have approximately another 3-4 to complete tomorrow.

Let us know if you have any questions.

Thanks,

Emily





Emily Sykes

Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
www.walkerind.com



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Emily Sykes

From: Emily Sykes
Sent: Monday, January 07, 2019 11:07 AM
To: 'Emma Young'
Cc: Consultation; Darren Fry
Subject: RE: Composting at ARES

Good Morning Emma,

Happy New Year! It is great to hear from you. You and I briefly met back at the end of October 2018, shortly after Darren and I met with [REDACTED] regarding the compost program at the school and/or in the community.

After that meeting I sent Jo two emails regarding vermi composting and backyard composting, I will forward those emails to you shortly. To my understanding, she was going to reach out to the principal at Antler River Elementary School before we proceeded with next steps. I do not know whether or not she contacted the school, following up with her was on my agenda for this week.

Thank you for contacting us as we are really excited about the opportunity to work with COTTFN in introducing a compost program at the school. Let me know if you have any questions.

Warm Regards,

Emily

Emily Sykes

Community Engagement Coordinator

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C: 519-831-4627
Toll free: 866-694-9360
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From: Emma Young <eyoung@cottfn.com>
Sent: Monday, January 07, 2019 10:38 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Consultation <consultation@cottfn.com>; Darren Fry <DFry@walkerind.com>
Subject: Composting at ARES

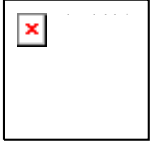
Good morning Emily,

Happy New Year!

I know [REDACTED] was in contact with you regarding developing a composting initiative at Antler River Elementary School. [REDACTED] has moved on from her position at COTTFN and I am wondering where this project left off.

If you could provide some information as to what has been discussed/planned that would be greatly appreciated.

Cheers,
Emma



Emma Young
Sr. Environment Officer, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 ext. 254 | www.cottfn.com

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From: Becky Oehler
To: [REDACTED]
Date: Thursday, March 7, 2019 10:18:46 AM

Hi [REDACTED]

It was really nice to meet you yesterday at the open house at the Antler River Senior's Complex. I was unsure if your email was [REDACTED], so I sent to both!

We were talking about the map of the Thames River watershed, which is the area where all the small rivers and streams flow into the Thames River. Then, the Thames River flows into Lake Saint Clair.

You can access the Thames River watershed map at http://www.walkerea.com/uploads/592/Doc_636192176161410207.pdf It's a really big map with lots of detail, so sometimes it takes a while to load if you zoom in or out.

If you have any other questions, please feel free to email me or call me anytime. My cell phone number is 289-257-1680. You can also take a look at our website at <http://www.walkerea.com/> if you'd like more information about our the Southwestern Landfill project. You might also be interested in our company report at <http://sustainability.walkerind.com/>.

Thanks and best wishes,
Becky

Becky Oehler, M.Sc.
Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
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Leslie Galloway

From: Emily Sykes
Sent: Tuesday, April 2, 2019 9:50 AM
To: 'Emma Young'
Cc: Darren Fry; Leslie Galloway
Subject: RE: Composting at ARES

Good Morning Emma,

I am going to be at COTTFFN admin building tomorrow morning with my colleague, Leslie, to learn about the Wiindmaagewin Protocol. If you are around late morning we will swing by and we can chat a little more about the compost program.

Regards,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, February 20, 2019 10:48 AM
To: 'Emma Young' <eyoung@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Composting at ARES

Good Morning Emma,

It was nice to speak to you this morning. I'm sending a quick note to summarize our conversation:

- Interest in wooden backyard composter. The compost bin would take Leaf and Yard waste to begin, then would look into opportunities for including food scraps later (for a "soft" roll out)
- The preschool has children year round. Look into a preschool program first as there is support over the summer
- Walker will provide composter and educational workshop(s) for kids to kick start program. We had a similar approach in Niagara with Links for Greener Learning (see attached)
- Emily to follow-up with Emma at the end of March/beginning of April

Feel free to contact me any time if you have questions.

Warm Regards,

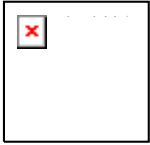
Emily

From: Emma Young <eyoung@cottfn.com>
Sent: Tuesday, February 19, 2019 11:51 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Composting at ARES

Hi Emily,

Sure, I'll be available tomorrow morning around 10 if that works for you?

Best,
Emma



Emma Young
Sr. Environment Officer, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 ext. 254 | www.cottfn.com

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From: Emily Sykes <ESykes@walkerind.com>
Sent: Tuesday, February 19, 2019 9:38 AM
To: Emma Young <eyoung@cottfn.com>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Composting at ARES

Good Morning Emma,

I hope you had an enjoyable weekend. Are you available for a phone chat this week? I would like to give you some more context about the conversation Darren and I had with [REDACTED] and see if we can set some goals for spring.

Warm Regards,

Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Monday, January 07, 2019 11:07 AM
To: 'Emma Young' <eyoung@cottfn.com>
Cc: Consultation <consultation@cottfn.com>; Darren Fry <DFry@walkerind.com>
Subject: RE: Composting at ARES

Good Morning Emma,

Happy New Year! It is great to hear from you. You and I briefly met back at the end of October 2018, shortly after Darren and I met with [REDACTED] regarding the compost program at the school and/or in the community.

After that meeting I sent Jo two emails regarding vermi composting and backyard composting, I will forward those emails to you shortly. To my understanding, she was going to reach out to the principal at Antler River Elementary School before we proceeded with next steps. I do not know whether or not she contacted the school, following up with her was on my agenda for this week.

Thank you for contacting us as we are really excited about the opportunity to work with COTTFN in introducing a compost program at the school. Let me know if you have any questions.

Warm Regards,

Emily

Emily Sykes

Community Engagement Coordinator

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From: Emma Young <eyoung@cottfn.com>
Sent: Monday, January 07, 2019 10:38 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Consultation <consultation@cottfn.com>; Darren Fry <DFry@walkerind.com>
Subject: Composting at ARES

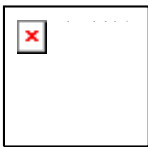
Good morning Emily,

Happy New Year!

I know [REDACTED] was in contact with you regarding developing a composting initiative at Antler River Elementary School. [REDACTED] has moved on from her position at COTTFN and I am wondering where this project left off.

If you could provide some information as to what has been discussed/planned that would be greatly appreciated.

Cheers,
Emma



Emma Young
Sr. Environment Officer, Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 ext. 254 | www.cottfn.com

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Emily Sykes

From: Emily Sykes
Sent: Wednesday, April 10, 2019 4:09 PM
To: 'Rochelle Smith'; Fallon Burch
Cc: Leslie Galloway; Darren Fry
Subject: RE: WEG Follow-Up on Events/Tours

Good afternoon Rochelle & Fallon,

I hope you are enjoying the week so far. We have let SVS know there is interest for more interviews. Leah may contact you in the near future regarding additional interviews, as well as the upcoming Chief and Council Presentation. Please let us know if there are any additional materials you need prior to the presentation next week.

Warm Regards,

Emily

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Thursday, April 04, 2019 10:36 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Leslie Galloway <LGalloway@walkerind.com>; Darren Fry <DFry@walkerind.com>; Fallon Burch <fburch@cottfn.com>
Subject: RE: WEG Follow-Up on Events/Tours

Good morning Emily,

I just wanted to follow up with some of the items discussed yesterday.

1. Leachate Facility Tour

- a. We have notified our Council of the dates as well as our Executive Admin. We have asked them to confirm who would like to attend by April 9, 2019.

2. Additional SVS Interviews

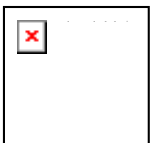
- a. After speaking with our Treaties, Lands & Environment Committee this morning. They would also like to see further interviews conducted.

3. Niagara Landfill Tour

- a. I have forwarded the suggested dates to our Council Secretary. As discussed, our Election will be happening this year in July and we would like there to be as much participation as possible. We should have a date confirmed by next week.

As always, it was a pleasure meeting with you.

Talk soon,
Rochelle Smith



Rochelle Smith
Events & Promotions Coordinator, TLE Dept. Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: April 3, 2019 3:19 PM
To: Rochelle Smith <rsmith@cottfn.com>; Fallon Burch <fburch@cottfn.com>
Cc: Leslie Galloway <LGalloway@walkerind.com>; Darren Fry <DFry@walkerind.com>
Subject: WEG Follow-Up on Events/Tours

Hi Rochelle & Fallon,

It was great to see both of you, and thank you for going over the Wiindmaagewin Consultation Protocol with Leslie and I. We discussed 4 topics after the seminar that I have summarized below;

1. LFG/Leachate Facility Tour (May 14th-May 15th)

- The purpose is to get a tour of the Moose Creek landfill-gas-to-energy plant (a joint venture between Lafleche and Walker Environmental Group (WEG))
- Is a great opportunity to see the facility and provide background for possible opportunities/collaborations between WEG and COTTFN
- Attendees: Darren, Emily, Fallon, Rochelle, and an economic development representative or another interested person from COTTFN

May 14th:

- travel day (depart around noon)
- Walker can arrange driving (i.e SUV), or we can drive separately
- arrive in Ottawa for hotel (maybe late dinner?)

May 15th:

- 1 hour drive from Ottawa to facility
- arrive on site around 10am and get a tour of the facility until noon
- we would head home after tour, and arrive home around dinner/shortly after dinner

2. Additional interviews for SVS

- SVS and Walker will be returning to COTTFN for a Chief and Council presentation @5pm on April 16th, 2019
- SVS is available before and after meeting to conduct more interviews with community members/land users if there is interest
- Fallon & Rochelle also identified April 26th & 30th as potential dates for interviews (would need to confirm with SVS)

3. Niagara Facility Bus Tour

- Rochelle & Fallon identified July 8th-12th and August 12th-16th as potential dates for Bus tour
- Darren currently has availability (to give tour) July 8th, 9th and August 14th & 15th

4. Archeology Contract

- Waiting for signatories, will scan/email when ready

Let me know if you have any questions. Thank you again for your time this morning.

Warm Regards,

Emily Sykes

From: Emily Sykes
Sent: Friday, May 31, 2019 3:52 PM
To: 'Rochelle Smith'
Subject: RE: SWLF Fieldwork Cont'd May 31st

Hi Rochelle,

I wanted to give you an update about the archaeology fieldwork today. Yesterday, there was a section of the field where they found potential Euro-Canadian artifacts. The group finished surveying today, but ARA will be returning Monday with one field lead and one technician to finish collecting the artifacts to send to a lab.

I will keep you updated about the findings and inform you if any additional surveying is required.

Thanks,

Emily

P.S-have a WONDERFUL weekend 😊

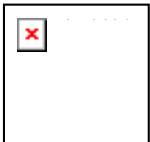
From: Rochelle Smith <rsmith@cottfn.com>
Sent: Thursday, May 30, 2019 3:59 PM
To: Emily Sykes <ESykes@walkerind.com>
Subject: RE: SWLF Fieldwork Cont'd May 31st

Hi Emily,

I appreciate the follow up 😊
I've reached out to our liaisons, they will be present tomorrow.

Kind regards,
Rochelle Smith

Ps. Hope you are having a great day!



Rochelle Smith
Events & Promotions Coordinator, TLE Dept. Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: May 30, 2019 3:54 PM
To: Rochelle Smith <rsmith@cottfn.com>
Subject: SWLF Fieldwork Cont'd May 31st

Good Afternoon Rochelle,

I hope you are having a wonderful afternoon. ARA has requested another day of archaeology fieldwork tomorrow. We have instructed the ARA team coordinator to communicate this with the indigenous monitors on site today.

We understand this is last minute and the monitors may not be able to return on such short notice. However, if it is possible we would like them to return tomorrow morning at 8am for a full day.

Thank you,

Emily

Emily Sykes
Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
www.walkerind.com



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Emily Sykes

From: Emily Sykes
Sent: Wednesday, June 05, 2019 4:31 PM
To: 'Rochelle Smith'
Cc: Emma Young; Fallon Burch
Subject: RE: Moose Creek Follow-up

Hi Rochelle,

Thank you for the review. Have a wonderful week.

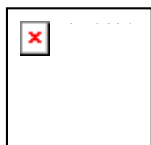
Emily

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Wednesday, June 05, 2019 4:14 PM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Emma Young <eyoung@cottfn.com>; Fallon Burch <fburch@cottfn.com>
Subject: RE: Moose Creek Follow-up

Hi Emily,

I only changed the names at the top. Everything else looks fine.

Kind regards,
Rochelle Smith



Rochelle Smith
Events & Promotions Coordinator, TLE Dept. Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: June 4, 2019 9:25 AM
To: Rochelle Smith <rsmith@cottfn.com>
Cc: Emma Young <eyoung@cottfn.com>
Subject: RE: Moose Creek Follow-up

Hi Rochelle,

Ok thank you for taking the time to review. Feel free to pass my contact information onto whoever is doing the powwow organizing.

Cheers,

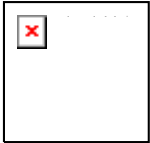
Emily

From: Rochelle Smith <rsmith@cottfn.com>
Sent: Tuesday, June 04, 2019 9:22 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Emma Young <eyoung@cottfn.com>
Subject: RE: Moose Creek Follow-up

Hi Emily,

I will review the summary this week and submit any changes this week.
It would be great to have walker participate in the powwow again. I think we have a better idea on how we would like to have it set up this year.

Kind regards,
Rochelle Smith



Rochelle Smith
Events & Promotions Coordinator, TLE Dept. Chippewas of the Thames First Nation
320 Chippewa Rd Muncey, ON N0L 1Y0 | 519-289-5555 | www.cottfn.com/consultation

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From: Emily Sykes <ESykes@walkerind.com>
Sent: June 4, 2019 9:07 AM
To: Rochelle Smith <rsmith@cottfn.com>
Subject: Moose Creek Follow-up

Good Morning Rochelle,

I hope that you are enjoying the work week so far. For the Moose Creek tour, I made an event summary for our records (attached). Let me know if this is representative of your experience as well, I have left it as a word doc. If you'd like to add anything.

I also wanted to touch base and see if staff is interested in Walker's participation in the Pow Wow again this year (bin services). Let me know, as we will need to start organizing on our end in the near future.

Have a wonderful day.

Cheers,

Vol IV Appendix I-10 Indigenous Communities Correspondence

Delaware Nation at Moriviantown

Walker Environmental Workshop March 21, 2017

Becky Oehler

Sent: Friday, March 17, 2017 1:19 PM

To: Justin Logan [loganj@explornet.ca]

Cc: jeremy.shute@sharedvaluesolutions.com

Hi Justin,

Jeremy Shute from Shared Value Solutions let me know that you might be interested in attending the upcoming workshop on March 21 (details below). If you're looking for some information about the technical work plans before the workshop, there are details on our website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>

Jeremy also said you're interested in participating in the socio-economic component of the Environmental Assessment, and I'd be happy to talk to you more about that. My number is 289-257-1680.

Please let me know if you're planning on attending the workshop and if you have any food allergies.

Thanks,
Becky

Workshop Details:

Main Topic: Finalization of Technical Work Plans (*in preparation of technical studies, scheduled to begin in Spring 2017*)

Date: Tuesday, March 21, 2017

Time: 10 am – 4 pm

Location: SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*)

Proposed Agenda:

10 am – 10:30 am	Update on status of Southwestern Landfill EA
10:30 am – 12:30 pm	Presentation and Discussion – Key updates to the Technical Work Plans <i>Focus on input received from First Nations during the Terms of Reference and how it has been integrated into the work plans.</i>
12:30 pm – 1:30 pm	Lunch
1:30 pm – 3:00 pm	First Nations discussion <i>Walker representatives will leave the room to provide space for discussion among First Nations representatives.</i>
3:00 pm – 4:00 pm	Wrap-up discussion, next steps, Q&A.



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Denise Stonefish,
Delaware Nation at Moraviantown
14760 School House Line, R.R.#3
Thamesville, ON N0P 2K0

Dear Chief Stonefish,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

Vol IV Appendix I-10 Indigenous Communities Correspondence

Haudenosaunee Development Institute (HDI)

March 29, 2016

Hazel Hill, Director
Haundenosaunee Development Institute
16 Sunrise Court, Suite 407
PO Box 714
Oshweken, ON N0A 1M0

Dear Hazel Hill,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a large, sweeping flourish extending from the end of the signature.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

From: [Darren Fry](#)
To: ["Hazel E. Hill"](#)
Cc: [Becky Oehler](#)
Subject: Southwestern Landfill Update
Date: Wednesday, April 06, 2016 10:39:25 AM
Attachments: [March 29, 2016 Notice Letters - HDI.pdf](#)
[CE March 2016.pdf](#)

Hello Hazel,

It was good to speak with you today. As follow up to our conversation, I am forwarding a copy of the letter we issued it HDI that communicates the Approval of the Terms of Reference and requests to meet and discuss next steps.

For clarity, the approval of the Terms of Reference does not approve the project, it only allows Walker to move forward into the second phase of the Environmental Assessment, continue consultation and conduct the required technical studies. This phase will take several years.

Please let me know when might be a good time to schedule a meeting to discuss this EA, next steps and other opportunities where Walker and the Haudenosaunee could work together.

Warm regards,
Darren

Southwestern Landfill EA - Field Work Notification

Darren Fry

Sent: Tuesday, October 24, 2017 2:18 PM
To: Hazel E. Hill [hazelehill@gmail.com]

Attachments: Notification letter HDI Ha~1 pdf (493 KB)

Hi Hazel,

I hope all is well as it's been awhile since we last spoke. I left a message with your office and would like to see if we can schedule a time for me to stop by and update you on the status of the SWLF EA.

I've also attached a notification of the start of field work. We made this commitment early in the process, to notify First Nations when field work commences. Included with the notification is a summary of the field work activities for your review.

Please feel free to contact me when you are back in the office.

Warm regards,
Darren

Leslie Galloway

From: Darren Fry
Sent: Wednesday, August 15, 2018 3:14 PM
To: Info@walkerea.com; Kevin Kehl; Becky Oehler; Dave Thompson; Tim McVicar
Subject: RoC - HDI

HDI Meeting, August 15th, 2018 10am at Six Nations

WEG: D. Fry

HDI: Tracy General, Brian Doolittle, Karl Hill, Todd Williams, Aaron Detlor, 1 Gentleman – did not get name.

Discussion

1. SWLF

- a. Provided overview and status of the EA
- b. Discussed some of the upcoming fieldwork, particularly environmental and archeology.
- c. HDI stated that we have already submitted an application and are therefore in their process.
- d. TBD – but HDi may act on behalf of Oneida (Oneida stated this too).
- e. Addressed questions/concerns, specifically:
 - i. How is the leachate collection maintained and are we required to maintain it.
 - ii. How is stormwater managed, do we test it before it is released to the environment.
 - iii. How long will site operate.
- f. Some key concerns/interests noted were:
 - i. Review with them the RoC regarding consultation (many proponents ‘embellish’ consultation in their report because they did little) to ensure agreement around extent of consultation and concerns noted/satisfied. **Action - We agreed to review with them at Draft EA the outstanding concerns, if any, that will be recorded.**
 - ii. Project business model
 - iii. Clay opportunity (ie. FN business opportunity)
 - iv. Disposal opportunity – recognizing Haudensaunee people generate waste and want it managed safely. This could include current issue of Six Nations waste management.
 - v. **Action – we agreed to send them overview of upcoming fieldwork for potential monitor involvement.**

2





General/Internal Notes:

1. HDI stated its goal of protecting Haudensaunee treaty rights in SW Ontario. Specifically, Nanfan Treaty which provides for exclusive harvesting rights to lands.
2. Inquired if Crown provided us with specific list of who has what Treaty Rights vs. a 'catch-all consult all approach". Recommend we get legal opinion on what rights exists and to whom (this is underway, need to consider who does this for us – FPG or Chamberlain).
3. Also suggested we review our current land titles to demonstrate the we "own" these lands to begin with. Something to get counsel on.
4. Very interested in end-use plans of SWLF/ [REDACTED] ([REDACTED]). They think used analogy of 'if we lose harvesting rights to 200 acres [REDACTED] or SWLF), even it temporary, how can we recover this.
 - a. Recommended we look at Hamilton/HDI Joint Stewardship Board model (allows them to hunt, harvest, meet, etc, not full-time but seasonally).
5. Relationship – they recognize Walker as "one of the good-actors". We have a good brand. Attendees were heavy hitters/activists but very pleasant towards us. I spent 2 hrs. with this group and was asked to join them for lunch. We are respected and have opportunity to build the relationship here. Detlor appears to still be there but did appear quite busy with pressing matters.
6. Need guidance on how to proceed on a few things (ie. like business model ask are non-starters but they are interested in some economic opportunities).
7. Action – D. Fry/K. Kehl to send Karl fieldwork list. We'll receive the application paperwork from them too.

Call me if you have any questions.

Darren

From: [REDACTED]
Sent: Monday, October 22, 2018 3:13 PM
To: Ashley Van Dinther <AVanDinther@walkerind.com>
Subject: Re: Southwestern Landfill Environmental Field Work

Hi Ashley,

I am unable to attend survey tomorrow due to prior commitments. However, HDI does plan to send a monitor to observe water sampling. We are still coordinating who that would be. I can provide you an update before the end of the day.

Thanks,

[REDACTED]

On Mon, Oct 22, 2018 at 11:32 AM Ashley Van Dinther <AVanDinther@walkerind.com> wrote:

Hello [REDACTED]

I am just following up with you regarding the Surface Water survey that is scheduled for tomorrow. Tuesday, October 23rd at 9:00am

Will you be observing the survey tomorrow?

Regards,

Ashley

Ashley Van Dinther
Administrative Assistant

Subject: RE: HDI and Environmental Surveys at Southwestern Landfill
Date: Wednesday, October 3, 2018 at 3:47:00 PM Eastern Daylight Time
From: Darren Fry
To: 'Todd Williams', Ashley Van Dinther
CC: [REDACTED], [REDACTED], [REDACTED], [REDACTED]

Hi Todd – thanks for this and I am in fact enjoying some cooler weather (I was born in the Fall and love this time of year).

I will review the draft agreement and get back to you shortly.

In addition to archeology, we have some surface water and groundwater monitoring and perhaps some ecology field work coming up. As soon as we get dates, I'll notify you and/or the appropriate contact.

Many thanks,
Darren

From: Todd Williams <williams.todde@gmail.com>
Sent: Wednesday, October 3, 2018 10:20 AM
To: Darren Fry <DFry@walkerind.com>
Cc: [REDACTED] >; [REDACTED] >; [REDACTED]

Subject: HDI and Environmental Surveys at Southwestern Landfill

Morning Darren,

How are you? Hope you're enjoying the cooler weather

I'm just following up on one of the items that was discussed at our meeting back in August.

Along with archaeology we discussed having HDI environmental monitors participate in the upcoming Fall surveys.

Can you provide an update on the remaining surveys, I've also included a draft monitoring agreement for the work for your review.

Thanks,

Todd E. Williams, P.Eng
Monitoring Program Coordinator
Haudenosaunee Development Institute (HDI)
Haudenosaunee Confederacy Chiefs Council (HCCC)
O: [519-445-4222](tel:519-445-4222)
M: [519-761-1794](tel:519-761-1794)
<https://www.haudenosauneeconfederacy.com/>

Leslie Galloway

From: Darren Fry
Sent: Tuesday, October 16, 2018 11:29 AM
To: 'Todd Williams'; Ashley Van Dinther
Cc: [REDACTED]
Subject: RE: HDI and Environmental Surveys at Southwestern Landfill
Attachments: Slingersoll_18101611190.pdf

Good morning Todd,

I've attached the signed Monitor agreement with a minor edit (Walker Environmental vs Industries).

Here is a list of the scheduled upcoming environmental field work:

- Ecology – mammal survey, Thurs/Fri. Oct. 18/19
- Water – surface water sampling, Tues. Oct. 23
- Archeology – next 2-3 weeks, date TBD – we'll advise once crops are scheduled to be harvested.

Ashley Van Dinther, cc'd, will coordinate schedules on our end. Per agreement, can you provide us with [REDACTED] or whomever the appropriate coordinator's email contact so Ashley can coordinate the upcoming work.

Thanks again and if I've missed anything or if you have any questions, please feel free to let me know.
Darren

From: Todd Williams <williams.todde@gmail.com>

Sent: Wednesday, October 3, 2018 10:20 AM

To: Darren Fry <DFry@walkerind.com>

Cc: [REDACTED] > [REDACTED] >; [REDACTED]

Subject: HDI and Environmental Surveys at Southwestern Landfill

Morning Darren,

How are you? Hope you're enjoying the cooler weather

I'm just following up on one of the items that was discussed at our meeting back in August.

Along with archaeology we discussed having HDI environmental monitors participate in the upcoming Fall surveys.

Can you provide an update on the remaining surveys, I've also included a draft monitoring agreement for the work for your review.

Thanks,

Todd E. Williams, P.Eng
Monitoring Program Coordinator

Leslie Galloway

From: Ashley Van Dinther
Sent: Tuesday, October 23, 2018 10:03 AM
To: Karl Hill
Subject: RE: Southwestern Landfill Environmental Field Work

Good morning Karl,

Thank you for notifying us. I will let Golder know as well.

Ashley

From: [REDACTED]
Sent: Tuesday, October 23, 2018 8:32 AM
To: Ashley Van Dinther <AVanDinther@walkerind.com>
Subject: Re: Southwestern Landfill Environmental Field Work

Hi Ashley,

HDI is unable to send a monitor today.

Regards,

[REDACTED]

On Mon, Oct 22, 2018 at 3:28 PM Ashley Van Dinther <AVanDinther@walkerind.com> wrote:

Hi [REDACTED]

No problem, I'm sorry to hear you are unable to participate. Can you please have the environmental coordinator come to the Walker office for 8:30am tomorrow for the E, H&S Orientation.

The sampling will begin at 9am. Our office is located at [160 Carnegie St, Ingersoll](#)

I look forward to hearing from you.

Ashley

Leslie Galloway

From: Ashley Van Dinter
Sent: Wednesday, November 7, 2018 12:23 PM
To: [REDACTED]
Cc: Darren Fry
Subject: November Surface water Survey

Hello,

We have just been notified that the Surface Water monitoring has been scheduled for **Monday, November 19th Start time 9:00am**
They will also be carrying out a cross section survey, they are scheduled for **Tuesday, November 20th and Wednesday, November 21st**

Please let me know in advance if you are able to deploy any monitors.

We look forward to hearing from you.

Kind regards,

Ashley

Leslie Galloway

From: Ashley Van Dinther
Sent: Friday, November 16, 2018 1:12 PM
To: [REDACTED]
Subject: Archaeology Field Notification

Hi [REDACTED]

We wanted to give you as much notice for the Archaeology study. Despite the weather, we are going to be carrying out the study in the coming weeks. A date has not yet been set. The survey area will be plowed soon. After that, the archaeology team need a few wet days before the survey can be conducted. We're expecting it to be carried out sometime next week, and we will let you know as soon as possible.

If you have any questions, please do not hesitate to contact us.

Regards,

Ashley

RE: Archaeology Study

Ashley Van Dinther

Sent: Monday, November 26, 2018 11:24 AM

To: Wayne Hill [tworowarchaeology@gmail.com]

Good morning Wayne,

We have been notified that the Archaeology study has been rescheduled for tomorrow morning for 9:00am.

The Health and Safety training will start at 8:00am at the Ingersoll office – 160 Carnegie St Ingersoll. Once training has been completed, the survey will begin.

Please bring all appropriate PPE and weather gear.

- Head protection – Hard hat
- Eye Protection - Safety glasses
- Hand Protection - Gloves
- High Visibility Clothing - Reflective vest, shirt, jacket
- Foot Protection - Boots/steel toe

If there are any changes in tomorrow's schedule, I will notify you as soon as we receive word. Should you have any further questions, please do not hesitate to contact me.

Regards,

Ashley

From: Wayne Hill <tworowarchaeology@gmail.com>

Sent: Sunday, November 25, 2018 5:11 PM

To: Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: Re: Archaeology Study

Good evening Ashley,

My name is Wayne Hill. I'm the archaeology project manager for the HDI.

How are you? I hope you had a good weekend.

I'm just following up for the proposed stage 2 scheduled for tomorrow at walker industries Ingersoll. Is it still a go ahead as I'm know were encountering inclement weather.

Thanks Wayne,

On Thu, Nov 22, 2018, 4:40 PM Karl Hill <[REDACTED]> wrote:

FYI

----- Forwarded message -----

From: [REDACTED]

Date: Thu, Nov 22, 2018 at 3:58 PM

Subject: Fwd: Archaeology Study

To: <tworowarchaeology@gmail.com>, Todd Williams <williams.todde@gmail.com>

Arch study starting Monday at Southwestern Landfill in Ingersoll. FYI

----- Forwarded message -----

From: **Ashley Van Dinter** <AVanDinter@walkerind.com>

Date: Thu, Nov 22, 2018 at 3:48 PM

Subject: Archaeology Study

To: [REDACTED]

Hi [REDACTED],

We have just been notified that the Archaeology study has been scheduled for Monday, November 26, 2018.

They will be meeting at the Ingersoll office for 9:00am

Please let me know if you are able to deploy any monitors.

Regards,
Ashley

Ashley Van Dinter

Administrative Assistant

T: 905-680-3670

Toll free: 855-392-5537

www.walkerind.com



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RE: Archaeology Study November 29

Ashley Van Dinther

Sent: Wednesday, November 28, 2018 4:10 PM

To: Wayne Hill [tworowarchaeology@gmail.com]

Cc: Joe Tomaino

Hi Wayne,

We have just been notified that ARA has cancelled tomorrow's Archaeology study as conditions have not yet improved. We have been advised that the studies will be conducted next week. A date and time have not yet been determined. I will let you know once a date has been scheduled.

Thank you for your continued patience.

Regards,

Ashley

From: Wayne Hill <tworowarchaeology@gmail.com>

Sent: Tuesday, November 27, 2018 4:17 PM

To: Ashley Van Dinther <AVanDinther@walkerind.com>

Cc: Joe Tomaino <JTomaino@walkerind.com>

Subject: Re: Archaeology Study November 29

Good afternoon Ashley,

I appreciate the update and details. I look forward to the 29th and further work please let me know if scheduling changes.

Thanks Wayne,

On Tue, Nov 27, 2018, 4:14 PM Ashley Van Dinther <AVanDinther@walkerind.com> wrote:

Hi Wayne,

I just wanted to give you an update on the archaeology study. Due to unfavorable conditions ARA was unable to conduct any archaeological assessment today. Field conditions were covered in snow, and highly saturated with sitting water. Visibility was 0% and it was difficult to determine the quality of the ploughing. Test pitting areas were recovered in snow and unable to be dug due to high levels of saturation and standing water on the surface. Several areas, however, have been written off due to disturbance and will not need further assessment.

Having said that, they are tentatively planning for Thursday, November 29th. As the current weather forecast is predicting warmer temperatures. A time has not yet been determined. Work will likely continuing into next week. Pending weather of course.

I will give you as much notice as possible of the new proposed dates. With the weather not cooperating we are taking it day-by-day.

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

Leslie Galloway

From: Emily Sykes
Sent: Friday, April 5, 2019 2:08 PM
To: 'Wayne Hill'
Cc: Info@walkerea.com; Darren Fry; Todd Williams
Subject: RE: Walker Environmental Group-SWLF Archaeology Monitors

Hi Wayne,

I'm doing well, it's hard to believe it's already April! Thank you for passing my message onto Todd. I will touch base at the end of next week if I have not received the contract. Have a wonderful weekend.

Kind Regards,

Emily

From: Wayne Hill <tworowarchaeology@gmail.com>
Sent: Friday, April 05, 2019 1:54 PM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Info@walkerea.com; Darren Fry <DFry@walkerind.com>; Todd Williams <williams.todde@gmail.com>
Subject: Re: Walker Environmental Group-SWLF Archaeology Monitors

Good afternoon Emily,

How are you? I hope you had a good winter and thank you for the email. The HDI will need to arrange a contract with Walker environmental for 2019. I'll cc Todd Williams on this email to arrange a contract.

Thanks Wayne,

On Fri, Mar 22, 2019 at 12:04 PM Emily Sykes <ESykes@walkerind.com> wrote:

Good Morning Wayne,

My name is Emily, and we met last fall on site for the Southwestern Landfill Project. I missed you in the office today, so I wanted to send a quick note to update you on the project.

We have nearly completed all of our studies for the environmental assessment, with a small portion of archaeology fieldwork remaining. We need a small section of the field to dry and get plowed, so it's unlikely we will be able to complete the archaeology work until early-mid April. Thus, I wanted to touch base and see when the contracts for your monitors begin, and if we need an updated 2019 agreement.

I look forward to hearing from you. Have a wonderful weekend.

Warm Regards,

Emily

Leslie Galloway

From: Wayne Hill <tworowarchaeology@gmail.com>
Sent: Tuesday, May 28, 2019 11:47 AM
To: Emily Sykes
Cc: Info@walkerea.com
Subject: Re: Walker Environmental-Upcoming Archaeology Field Work
Attachments: imagee5ad13.JPG

CAUTION: This message came from outside of the Walker Industries mail system. Use caution when opening attachments, clicking links or responding to requests for information.

Good morning Emily,

Thank you for the update. The HDI will have [REDACTED] out tomorrow and he will need the safety orientation.

Thanks Wayne,

On Fri, May 24, 2019, 9:20 AM Emily Sykes, <ESykes@walkerind.com> wrote:

Good Morning Wayne,

Happy Friday! Our archaeology consultants (ARA) are aiming to complete the Southwestern Landfill EA archaeology field work next Wednesday May 29th and Thursday May 30th. Any new monitors will need safety training, so please arrive early Wednesday morning at 8:00am at our 160 Carnegie office, Ingersoll.

Let me know if you have any questions or concerns.

Thanks,

Emily

Emily Sykes
Community Engagement Coordinator

Vol IV Appendix I-10 Indigenous Communities Correspondence

Mississaugas of the Credit First Nation (MCFN)

March 29, 2016

Chief Stacey LaForme
Mississaugas of the New Credit First Nation
2789 Mississauga Road, R.R #6
Hagersville, Ontario N0A 1H0

Dear Chief LaForme,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a long horizontal stroke extending to the right.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Fawn Sault, *Consultation Manager*

From: [Becky Oehler](#)
To: [Fawn Sault](#)
Cc: [Darren Fry](#)
Subject: RE: Southwest Landfill
Date: Friday, May 13, 2016 10:45:44 AM

Hi Fawn,

Thanks for reaching out. We released the [Notice of Commencement](#) on Wednesday, so the Environmental Assessment (EA) process has officially begun. You'll receive a hard copy by mail, and you can [click here to view the Notice online](#).

If you want to give me a call when you have a chance, we can find a time for us to visit and review next steps and how you'd like us to communicate and consult throughout the EA process.

Also, I'm not sure if you've seen our updated website, www.walkerea.com. It's still a work in progress, so please let me know if you have any recommendations or questions. One of the new features is [subscribe](#) – which allows people to sign up to receive updates in their email. Most recently, I wrote an update about [what the Notice of Commencement means](#).

Looking forward to hearing from you!
Becky

From: Darren Fry
Sent: Thursday, May 12, 2016 10:44 AM
To: Becky Oehler
Subject: Fw: Southwest Landfill

From: Fawn Sault <Fawn.Sault@newcreditfirstnation.com>
Sent: Thursday, May 12, 2016 10:39 AM
To: Darren Fry
Subject: Southwest Landfill

Hi Darren,

Just checking in and seeing where we are at with the Landfill. What next steps are etc.

Miigwetch,

Fawn D. Sault
Consultation Manager
Department of Consultation and Accommodation
Mississauga of the New Credit First Nation

From: [Becky Oehler](#)
To: [Fawn Sault](#)
Cc: [Stacey LaForme](#)
Subject: Nov 2, 2016 Workshop Invitation Letter
Date: Monday, October 24, 2016 12:10:10 PM
Attachments: [Invitation Letter Fawn Sault.pdf](#)

Good morning Fawn,

Please find attached an invitation letter to the workshop for the Walker Environmental Southwestern Landfill Environmental Assessment, to be held on November 2, 2016 at the Quality Inn in Woodstock, Ontario. The letter includes a proposed agenda and additional details. A hard copy of the letter has also been mailed to you.

I understand that you won't be able to attend the event, so I am wondering if there is anyone else who would like to attend, perhaps from the DOCA office or from Council. Also, I'd be happy to come by the office to go over the information presented at the workshop and discuss with you and others who are interested.

If you and/or someone else will be attending the event, please confirm with Tanya at 1-855-392-5537 or info@walkerind.com.

If you have any questions in advance of the workshop, please let me know.

Thanks,
Becky
905-680-3675

From: [Becky Oehler](#)
To: [Fawn Sault](#)
Cc: [Darren Fry](#)
Subject: Detailed Summary - November 2 Workshop
Date: Monday, December 19, 2016 10:54:29 AM
Attachments: [FN Workshop November 2, 2016 Summary.pdf](#)
[FN Workshop November 2, 2016 Resource Materials.pdf](#)

Hi Fawn,

I hope you're doing well and winding down for the holidays!

I'm sorry you weren't able to attend the November 2nd workshop in Woodstock, Ontario regarding the Southwestern Landfill Environmental Assessment. We've prepared a detailed summary of the workshop with a goal of accurately capturing the dialogue for both participants and those who were unable to attend.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any questions or comments regarding the workshop or documents. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Best wishes for a happy and healthy holiday season,
Becky

[Click here](#) to view our *December newsletter*

From: [Becky Oehler](#)
To: [Fawn Sault: "megan.devries@newcreditfirstnation.com"](mailto:megan.devries@newcreditfirstnation.com)
Cc: [Darren Fry](#)
Subject: Follow-Up from February 14 Meeting
Date: Friday, February 17, 2017 10:50:46 AM
Attachments: [Proposal Map.pdf](#)
[Walker Technical Team List.pdf](#)
[FN Workshop November 2, 2016 Summary.pdf](#)

Hi Fawn and Megan,

Thanks for meeting with Darren and I on Tuesday. There were a few things I said I would follow-up with you about:

- 1) Clear map of project area with the proposed landfill footprint outlined (attached)
 - a. There was also a request for a general timeline of the studies. I don't have that information yet, but I will provide it as soon as I can.
- 2) List of Technical Work Plans and associated consultants (attached)
- 3) More information about Technical Work Plans → Go to <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>
 - a. This web page will be updated with work plans and plain language summaries as the information becomes available.
- 4) Summary from the November 2nd workshop (attached)

Also, if someone is looking for general information about the project and how landfills are built and operated, I recommend our General Information Booklet:

http://www.walkerea.com/uploads/730/Doc_636141935487775932.pdf

Also, a reminder that you are both invited to the workshop on March 21, 2017 (10 am – 4 pm), as well as anyone else from your department who is interested. It will be hosted at a Chippewas of the Thames First Nation facility - SOAHAC Boardroom , 77 Anishinaabeg Drive, Muncey, Ontario N0L 1Y0 (*If using GPS/Google Maps: 6609 Switzer Drive, Melbourne, ON*). The focus of the workshop will be the technical work plans and upcoming studies. Please RSVP by March 14.

Fawn, I will touch base with you soon regarding some potential dates for a community event.

Have a great weekend,
Becky



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

October 16, 2017

Ms. Fawn Sault
Consultation Manager, MNCFN
2789 Mississauga Road, R.R#6
Hagersville, ON NOA 1H0

Dear Ms. Sault:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

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

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria "Loss or Disturbance to Aquatic Life": Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria "Loss or Disturbance to Terrestrial Ecosystems": Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.

	<p>For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.</p> <p>For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.</p>
Economic	<p>Face-to-face or telephone interviews with nearby businesses.</p> <p>Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.</p> <p>General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.</p> <p>Key stakeholder interviews:</p> <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	<p>Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.</p> <p>The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.</p> <p>An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.</p> <p>The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.</p>
Health	N/A – uses data collected from other studies.
Noise	<p>Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.</p> <p>Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)</p> <p>Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).</p>
Social	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues • Identifying potential effects of the landfill <p>b) After the initial effects assessment has been completed (results from other studies):</p>

- Feedback on the results of the effects assessment
- Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community
- Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)

	<ul style="list-style-type: none"> • Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project • Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill
	<p>Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:</p> <ul style="list-style-type: none"> • County of Oxford • Township of South West Oxford • Township of Zorra • Town of Ingersoll
	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> At the start of the social study After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> Land users and knowledge holders First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc.

	<ul style="list-style-type: none"> • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
Visual	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>

Hi Fawn,

March 8th works for us. We can come meet at your new office – can you send me the address.

Also, I want to follow up on the draft FLR agreement Megan sent me in preparation for the upcoming fieldwork. We've got a 1-2 day winter ecology survey next week but most of the work will start in the Spring. Are you free to chat today quickly?

Regards,
Darren

From: Fawn Sault [<mailto:Fawn.Sault@mncfn.ca>]
Sent: Monday, January 29, 2018 3:28 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Caron Smith <Caron.Smith@mncfn.ca>
Subject: RE: Upcoming approvals

Hi Darren,

How does March 8 or March 13th look?

Miigwetch

From: Darren Fry [<mailto:DFry@walkerind.com>]
Sent: Monday, January 29, 2018 9:44 AM
To: Fawn Sault
Subject: FW: Upcoming approvals

Hi Fawn – I'm just checking in to see if you had a few dates available so I can coordinate with the folks on my end.

Speak soon,
Darren

From: Darren Fry
Sent: Friday, January 12, 2018 10:40 AM
To: 'Fawn Sault' <Fawn.Sault@mncfn.ca>
Cc: Becky Oehler <BOehler@walkerind.com>; Caron Smith <Caron.Smith@mncfn.ca>; Kevin Kehl <KKehl@walkerind.com>; Dave Thompson <DThompson@walkerind.com>; Frank Kielbowich <FKielbowich@walkerind.com>
Subject: RE: Upcoming approvals

Aanii Fawn and Happy 2018! I hope you are settling in to your new office space!

Yes, we would like to meet and discuss the following along with anything else you would like to add:

- Southwestern Landfill EA – status update and overview of upcoming field work, MNCFN FLRs and discussion on FLR Agreement
- [REDACTED]
- [REDACTED]

Let me know of some dates that work for you and I will coordinate schedules on this end. We'll happily come out to New Credit or we could meet here in Niagara Falls if you like (you could see some of the lands being discussed above).

Miigwetch,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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



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From: Fawn Sault [<mailto:Fawn.Sault@mncfn.ca>]
Sent: Friday, January 12, 2018 10:14 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Becky Oehler <BOehler@walkerind.com>; Caron Smith <Caron.Smith@mncfn.ca>
Subject: Upcoming approvals

Good Morning Darren and Becky,

Happy New Year! I hope your holidays were wonderful. Would you be able to meet with us sometime in February to give us an update on Walker Environmental Industries Landfill ECA amendment, the [REDACTED] and the [REDACTED] ?

Miigwetch,

Fawn D. Sault
Consultation Manager
Department of Consultation and Accommodation
Mississaugas of the Credit First Nation
Office - 905-768-4260
Cell – 289-527-6580

Walker Environmental EA - All Work Plans Finalized

Becky Oehler

Sent: Monday, March 05, 2018 10:58 AM
To: Fawn Sault [Fawn.Sault@mncfn.ca]
Cc: Darren Fry
Categories: Printed and put in Binder
Attachments: Notification Letter - Chie~1.pdf (126 KB)

Hi Fawn,

I hope you're doing well!

This email is to notify you that all technical work plans are now finalized for the Southwestern Landfill EA. Attached is the official notification letter. In November, we sent out a notification that 11 of 13 work plans were finalized. It took some additional time to finalize the remaining two – Air Quality and Human Health Risk Assessment. These final work plans are now available.

You can access all of the work plans, as well as comment disposition tables, on our project website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>

At this time, we are carrying out the field work as described in the work plans. For an approximate field work schedule, please go to our website at <http://www.walkerea.com/en/studies---field-work.asp> We expect the field work to wrap up late 2018 – early 2019.

If you have any questions, would like to meet, or would like hard copies of any documents, please don't hesitate to contact us.

All the best,
Becky



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief R. Stacey Laforme,
Mississauga's of the New Credit First Nation
2789 Mississauga Road, R.R. #6
Hagersville, ON N0A 1H0

Dear Chief Laforme,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Fawn Sault, Consultation Manager

RE: Cumulative Effects Info.

Darren Fry

Sent: Tuesday, April 03, 2018 12:26 PM
To: Caron Smith [Caron.Smith@mncfn.ca]
Categories: Printed and put in Binder

Hi Caron,

Here is the full cumulative effects work plan:

http://www.walkerea.com/uploads/938/Doc_636429022794677988.pdf

Let me know if you have any questions.

Best,
Darren

From: Caron Smith [mailto:Caron.Smith@mncfn.ca]
Sent: Monday, April 2, 2018 2:41 PM
To: Darren Fry <DFry@walkerind.com>
Subject: RE: Cumulative Effects Info.

Hi Darren ... thanks for this info on cumulative effects.
I see there is ongoing cumulative effects evaluation for life of the project.
Do you have references for the cumulative effects section?

Caron Smith, BES
Environmental & Regulatory Advisor
Department of Consultation & Accommodation
Mississaugas of the New Credit First Nation
4065 Hwy 6
Hagersville, ON
N0A1H0
Caron.Smith@mncfn.ca
Tel: 905-768-4260
Fax: 905-768-9751
Cell: 905-979-3862

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From: Darren Fry [mailto:DFry@walkerind.com]
Sent: Wednesday, March 28, 2018 3:27 PM
To: Caron Smith
Cc: Fawn Sault; Megan DeVries
Subject: Cumulative Effects Info.

Hi Caron,

Sorry for the delay in sending this over as I promised to provide you some information on cumulative effects and how we are assessing cumulative effects for the Southwestern Landfill EA. See the attached link which provides a simple overview.

www.walkerea.com/uploads/938/Doc_636199865775147237.pdf

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

Thanks,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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



RE: Project Introduction/Orientation dates- SWLF

Ashley Van Dinther

Sent: Tuesday, April 03, 2018 3:53 PM
To: Megan DeVries@mncfn.ca
Cc: Darren Fry; Joe Tomaino; Becky Oehler
Categories: Printed and put in Binder

Hello Megan,

As promised, I have provided some dates for the project introduction/orientation meeting. Please let me know what works best with your schedule. And the number of FLRs who will be in attendance.

Thursday, April 19th

Thursday, April 26th

I look forward to hearing from you.

Kind regards,

Ashley

From: Darren Fry

Sent: Tuesday, April 03, 2018 9:30 AM

To: 'Megan DeVries' <Megan.DeVries@mncfn.ca>

Cc: Fawn Sault <Fawn.Sault@mncfn.ca>; Caron Smith <Caron.Smith@mncfn.ca>; Kevin Kehl <KKehl@walkerind.com>; Dave Thompson <DThompson@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: RE: Revised Walker FLR Agreement - SWLF

Thanks Megan,

We'll execute and send over a copy to you. We'll provide some dates on the orientation later today.

Thanks again,

Darren

From: Megan DeVries [<mailto:Megan.DeVries@mncfn.ca>]

Sent: Tuesday, April 3, 2018 9:26 AM

To: Darren Fry <DFry@walkerind.com>

Cc: Fawn Sault <Fawn.Sault@mncfn.ca>; Caron Smith <Caron.Smith@mncfn.ca>; Kevin Kehl <KKehl@walkerind.com>; Dave Thompson <DThompson@walkerind.com>

Subject: RE: Revised Walker FLR Agreement - SWLF

Hi Darren,

That version looks suitable. If you would like to execute the agreement, [REDACTED].

Please let me know on which day the training is scheduled.

Regards,

Megan.

From: Darren Fry [<mailto:DFry@walkerind.com>]

Sent: Tuesday, April 03, 2018 9:22 AM

To: Megan DeVries

Cc: Fawn Sault; Caron Smith; [REDACTED]

Subject: RE: Revised Walker FLR Agreement - SWLF

Hi Megan,

My apologies – I have just realized the version of the agreement I included in my email below was an older version (I have a new pc which I am getting use to). I've attached the version I intended to send with the email below. Please review and advise.

I agree with your recommendation to have a few, perhaps 3-4 FLRs most likely to be conducting the fieldwork, attend a half-day project introduction/orientation meeting. I will ask Ashley to coordinate with you as we will be ready whenever your team is.

Sorry for mix-up.

Thanks,

Darren

From: Megan DeVries [<mailto:Megan.DeVries@mncfn.ca>]
Sent: Monday, April 2, 2018 12:56 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Fawn Sault <Fawn.Sault@mncfn.ca>; Caron Smith <Caron.Smith@mncfn.ca>; [REDACTED]
<[REDACTED]>
Subject: RE: Revised Walker FLR Agreement - SWLF

Thanks Darren. I think we are ready to execute the agreement.

As we have upwards of forty FLRs during the height of our field season, I cannot guarantee that one recurring FLR will be assigned to the project. As the majority is environmental fieldwork, however, we only have a dozen FLRs trained to participate in that work. If you are in agreement, I can send a handful of FLRs to the training day, so that we may (hopefully) select from that number when work is occurring. Please let me know if you are comfortable proceeding with this strategy.

Regards,
Megan.

From: Darren Fry [<mailto:DFry@walkerind.com>]
Sent: Wednesday, March 28, 2018 3:38 PM
To: Megan DeVries
Cc: Fawn Sault; Caron Smith; [REDACTED]
Subject: Revised Walker FLR Agreement - SWLF

Hi Megan,

I've made the edits that we discussed to the FLR Agreement. You'll also see two new clauses re: indemnification and insurance. These are standard in any of our agreements but if they are problematic on your end, let me know.

[REDACTED]

Once you are ok with the document, we are ready to sign. As a next step, we'd like to have an introductory meeting for the FLR(s) that will be involved. We can spend a half day doing E, H&S orientation and familiarization with the project. We're happy to do that at our office in Ingersoll – this would all be billable in accordance with the agreement.

Thanks and let me know if you have any questions.
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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RE: Benthic Survey, Electrofishing, and Aquatic Habitat Survey - SWLF

Ashley Van Dinther

Sent: Wednesday, May 02, 2018 3:11 PM

To: DOCA [DOCA@mncfn.ca]

Hello Joelle,

I spoke to our planner, he said rubber boots should be sufficient.

Thanks

Ashley

From: DOCA <DOCA@mncfn.ca>

Sent: Tuesday, May 01, 2018 3:45 PM

To: Ashley Van Dinther <AVanDinther@walkerind.com>

Cc: Megan DeVries <Megan.DeVries@mncfn.ca>

Subject: RE: Benthic Survey, Electrofishing, and Aquatic Habitat Survey - SWLF

Hello Ashley,

Thank you for the info. I look forward to scheduling our FLRs for these surveys. Are chest waders required for these surveys? Or any other special PPE?

Joelle Williams

Archaeological/Environmental Assistant

Mississaugas of the New Credit First Nation

Department of Consultation & Accommodation

4065 Highway 6 North, Hagersville, ON N0A 1H0

P: 905-768-4260 | M: 905-870-2918

[Email:doca@mncfn.ca](mailto:doca@mncfn.ca)

<http://www.mncfn.ca>

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From: Ashley Van Dinther [<mailto:AVanDinther@walkerind.com>]

Sent: Tuesday, May 1, 2018 3:39 PM

To: DOCA

Subject: Benthic Survey, Electrofishing, and Aquatic Habitat Survey - SWLF

Hi Joelle,

I hope you're enjoying this lovely weather. I just received an email from Megan to contact you as she is away.

I wanted to notify you we have received notification of the Benthic Survey, Electrofishing, and Aquatic Habitat Survey schedule.

When: May 8-11 & May 15-18

Duration: Entire day (~8am-6pm)

Who: [REDACTED]

What: Benthic Surveys, Electrofishing, and Aquatic Habitat Assessments at each of the exposure and reference locations specified on the map. This will involve walking gear to and from the specified areas, as well as time required to sample the location. Locations may be visited more than once depending on the work schedule of the day. In order to survey these locations participants will be setting up along shore and operating various types of equipment through portions of the watercourse.

Area: All sample locations and one additional area of interest to visit are identified in the attached map.

Schedule: The schedule of sites to be visited during the first week is listed below. The schedule of the second week will be updated prior to visiting but will involve all of the same site locations.

May 8 – Locations 2 & 7

May 9 – Locations 1, 3, & 8. Location 8 will only be visited briefly as a reconnaissance for fall field work preparation.

May 10 – Locations 4 & 6

May 11 – Location 5

Weather will be monitored prior to commencement of this field work. Although the majority of this field work is not influenced by weather conditions, in the event that either of these weeks is forecast with weather determined to threaten the health and safety of these surveys, field visits will be rescheduled to May 22-25.

Can you please let me know if you have any FLR's available for the dates listed above.

I look forward to hearing from you.

Regards,

Ashley

Ashley Van Dinter

Administrative Assistant

Strategic Growth

T: 905-680-3670

Toll free: 855-392-5537

www.walkerind.com



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Dragonfly, Damselfly and Butterfly Surveys

Ashley Van Dinther

Sent: Monday, May 07, 2018 9:13 AM
To: DOCA [DOCA@mncfn.ca]
Cc: Megan DeVries [Megan.DeVries@mncfn.ca]
Attachments: 2018-06-04 Property Access~1.pdf (1 MB)

Hello Joelle,

I know this is a few months out. I'd like to give you as much notice as possible. I will keep you posted should any of the dates change.

Dragonfly, Damselfly and Butterfly Surveys

When: Surveys will take place during the day between:

- Period 1 - June 4 to June 15 (this will be the survey that will likely take place either the weekend of June 2 or June 16)
- Period 2 - July 2 to July 13
- Period 3 - July 30 to August 10

Duration: 6 to 8 hours.

Who: [REDACTED]

What: Areas will be walked to survey for dragonfly, damselflies and butterflies.

Area: See attached map

Fw: SWLF EA - Surface Water Monitoring Round

Darren Fry

Sent: Tuesday, May 08, 2018 12:46 PM

To: Info@walkerea.com

RoC mncfn

Darren

From: Megan DeVries <Megan.DeVries@mncfn.ca>

Sent: Tuesday, May 8, 2018 12:24 PM

To: Darren Fry; Ashley Van Dinther

Cc: Fawn Sault

Subject: RE: SWLF EA - Surface Water Monitoring Round

Hi Darren,

Thank you for letting us know.

Regards,
Megan.

From: Darren Fry [mailto:DFry@walkerind.com]

Sent: Monday, May 07, 2018 11:46 AM

To: Megan DeVries; Ashley Van Dinther

Cc: Fawn Sault

Subject: SWLF EA - Surface Water Monitoring Round

Hi Megan,

I would like to notify you that our surface water monitoring consultant conducting some monitoring last week without notifying us. We have since reminded the consultant of the requirement to notify us prior to conducting the work.

There will be additional surface water monitoring required and we'll ensure MNCFN is notified so FLR's can participate. Our apologies.

Regards,
Darren

Darren Fry, A.Sc.T

Project Director- Southwestern Landfill

Strategic Growth

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Toll free: 866-694-9360

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RE: ELC & Veg , Aquatic, Turtle Surveys for the Week of May 7

Ashley Van Dinther

Sent: Tuesday, May 08, 2018 3:40 PM

To: DOCA [DOCA@mncfn.ca]

Hey Joelle

I will pass along, thank you

Ashley

From: DOCA <DOCA@mncfn.ca>

Sent: Tuesday, May 08, 2018 3:36 PM

To: Ashley Van Dinther <AVanDinther@walkerind.com>

Cc: Megan DeVries <Megan.DeVries@mncfn.ca>

Subject: RE: ELC & Veg , Aquatic, Turtle Surveys for the Week of May 7

Hello Ashley!

The following monitor will be on site tomorrow for the Aquatic Survey.

[REDACTED]

In the event of a cancellation please contact Megan DeVries via cell phone [REDACTED] or email (megan.devries@mncfn.ca)

Thank you,

Joelle

From: Ashley Van Dinther [<mailto:AVanDinther@walkerind.com>]

Sent: Monday, May 7, 2018 8:41 AM

To: Megan DeVries; DOCA

Subject: ELC & Veg , Aquatic, Turtle Surveys for the Week of May 7

Hello Joelle,

I have just received a list of surveys taking place this week. Can you please let me know if you have and FLR's available for any of the surveys listed below.

ELC & Veg Survey – Tuesday May 8th – start time at the WEG Ingersoll office 8:00am

Aquatic Survey – Tuesday May 8th to Friday May 11th – start time at the WEG Ingersoll office 8:00am

Turtle Survey – Tuesday May 8th – start time at the WEG Ingersoll office 9:15am and possibly Thursday or Friday weather dependent

Regards,

Ashley

Ashley Van Dinther

FW: Final Aquatic Survey

Ashley Van Dinther

Sent: Friday, September 07, 2018 3:17 PM

To: Info@walkerea.com

Categories: Printed and put in Binder

From: Joelle Williams <Joelle.Williams@mncfn.ca>

Sent: Friday, September 7, 2018 9:26 AM

To: Ashley Van Dinther <AVanDinther@walkerind.com>; Megan DeVries <Megan.DeVries@mncfn.ca>

Subject: RE: Final Aquatic Survey

Thank you for the info Ashley I have added it to our schedule.

Joelle

From: Ashley Van Dinther [<mailto:AVanDinther@walkerind.com>]

Sent: Thursday, September 6, 2018 4:00 PM

To: Joelle Williams; Megan DeVries

Subject: Final Aquatic Survey

Hello,

We have just been informed of the final Aquatic survey

Beacon Staff on site: Taco den Haas, Blair Kimble

Dates: Sept 18/19/20 (Tue-Thu)

Times: Sept 18 10am to 6pm; Sept 19/20 **8:00am to 4:00pm** at the Walker office

Tasks: Fish Community (Electrofishing) and Freshwater Mussel Surveys at 4 locations within the tributaries (See attached map locations: 4,5,6,7)

Note: These locations are all **outside** of the active quarry operation.

Please let me know if you are able to deploy a monitor.

Regards,

Ashley

Ashley Van Dinther

Administrative Assistant

Strategic Growth

T: 905-680-3670
Toll free: 855-392-5537
www.walkerind.com



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Leslie Galloway

From: Ashley Van Dinther
Sent: Monday, October 22, 2018 10:40 AM
To: Info@walkerea.com
Subject: FW: Surface Water monitoring - Tuesday, October 23rd.

From: Ashley Van Dinther
Sent: Monday, October 22, 2018 10:40 AM
To: Joelle Williams <Joelle.Williams@mncfn.ca>
Subject: RE: Surface Water monitoring - Tuesday, October 23rd.

Hi Joelle,

Thank you, I have added [REDACTED] to our field work calendar. I will notify Golder she will be joining them tomorrow.
Ashley

From: Joelle Williams <Joelle.Williams@mncfn.ca>
Sent: Monday, October 22, 2018 10:31 AM
To: Ashley Van Dinther <AVanDinther@walkerind.com>; Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Info@walkerea.com
Subject: RE: Surface Water monitoring - Tuesday, October 23rd.

Good morning Ashley,

The following FLR is scheduled to join you tomorrow.

[REDACTED]

In the event of a cancellation or change in schedule, please contact Megan DeVries via cell phone ([REDACTED]) or email (megan.devries@mncfn.ca) and cc me (joelle.williams@mncfn.ca).

Thank you,
Joelle

From: Ashley Van Dinther [<mailto:AVanDinther@walkerind.com>]
Sent: Friday, October 5, 2018 3:14 PM
To: Joelle Williams; Megan DeVries
Cc: Info@walkerea.com
Subject: Surface Water monitoring - Tuesday, October 23rd.

Hello,

I have just been notified that the surface water monitoring will be conducted on Tuesday, October 23rd.

They will be meeting at the Ingersoll office for 9:00am

They will be visiting the off-site surface water stream gauge locations and the onsite Carmeuse discharge points.

Please let me know if you are able to deploy a monitor for this survey.

Leslie Galloway

From: Ashley Van Dinter
Sent: Wednesday, November 7, 2018 11:02 AM
To: Joelle Williams; Megan DeVries
Subject: November Surface Water Surveys

Hello,

We have just been notified that the Surface Water monitoring has been scheduled for **Monday, November 19th Start time 9:00am**

They will also be carrying out a cross section survey, they are scheduled for **Tuesday, November 20th and 21st**

Please let me know if you are able to deploy any monitors.

We look forward to hearing from you.

Kind regards,

Ashley

Leslie Galloway

From: Ashley Van Dinther
Sent: Friday, November 16, 2018 1:08 PM
To: Joelle Williams; Megan DeVries
Subject: Archaeology Field Notification

Hi Joelle and Megan,

I wanted to give you as much notice for the Archaeology study. Despite the weather, we are going to be carrying out the study in the coming weeks. A date has not yet been set. The survey area will be plowed soon. After that, the archaeology team need a few wet days before the survey can be conducted. We're expecting it to be carried out sometime next week, and we will let you know as soon as possible.

If you have any questions, please do not hesitate to contact us.

Regards,

Ashley

Leslie Galloway

From: Ashley Van Dinther
Sent: Thursday, November 22, 2018 10:26 AM
To: Joelle Williams; Megan DeVries
Subject: Ecology - Waterfowl/gull survey

Hi Joelle,

We have just been notified that the waterfowl/gull survey has been scheduled for Monday, November 26th. Ron and Anna from Beacon will be meeting at the Ingersoll office for 3:15pm. The survey will take approximately 2 hours. The survey will consist of standing and observing. Please advise monitors to dress according to current weather conditions.

If you have any questions, please don't hesitate to contact us.

Regards,

Ashley

Leslie Galloway

From: Ashley Van Dinter
Sent: Thursday, November 22, 2018 3:48 PM
To: Joelle Williams; Megan DeVries
Subject: Archaeology study

Hi Joelle,

We have just been notified that the Archaeology study has been scheduled for Monday, November 26, 2018. They will be meeting at the Ingersoll office for 9:00am

Please let me know if you are able to deploy any monitors.

Regards,
Ashley

Leslie Galloway

From: Darren Fry
Sent: Monday, May 27, 2019 2:44 PM
To: Info@walkerea.com
Subject: FW: Southwest Landfill Site

From: Fawn Sault <Fawn.Sault@mncfn.ca>
Sent: Monday, May 13, 2019 3:25 PM
To: Darren Fry <DFry@walkerind.com>
Subject: Southwest Landfill Site

CAUTION: This message came from outside of the Walker Industries mail system. Use caution when opening attachments, clicking links or responding to requests for information.

Hi Darren,

SVS reached out to us to see if we would be interested in participating in the interview and focus questions. It was decided that MCFN will not participate in the interviews. We feel this is something COTTFN should handle.

Miigwetch,

Fawn D. Sault
Consultation Manager
Department of Consultation and Accommodation
Mississaugas of the Credit First Nation
4065 Hwy 6 North
Hagersville, On.
N0A 1H0
Office - 905-768-4260
Cell – 289-527-6580
<http://www.mncfn.ca>
[Facebook: Mississauga of the Credit First Nation](#)

Vol IV Appendix I-10 Indigenous Communities Correspondence

Métis Nation of Ontario (MNO)

Walker - Southwestern Landfill Environmental Assessment Info.

Darren Fry

Sent: Monday, February 12, 2018 3:52 PM

To: Linda Norheim [LindaN@metisnation.org]

Categories: Printed and put in Binder

Attachments: Metis Presentation - Feb. 7~1.pdf (3 MB) ; Doc_636486912623741368.pdf (6 MB)

Hello Linda,

It was a pleasure to meet last week and thank you for coordinating the meeting. It was a great opportunity for me to learn more about Metis history/culture and to meet leaders from the several Region 9 Councils. I am also honoured to have received a beautiful Region 9 sash! Thank you.

I promised to send you a copy of my presentation that introduced Walker Environmental as well some basic elements of the Southwestern Landfill (SWLF) EA. This is attached. I've also attached a project fact sheet.

Additional project information can be found on our SWLF EA project website [here](#). There is lots of information about the proposed facility, current status and consultation materials. Here are some key documents you might be interested in:

What is being proposed - http://www.walkerea.com/en/the-proposal/What-is-Being-Proposed.asp?_mid_=101721

Community Liaison Committee (Issues & Discussion) - <http://www.walkerea.com/en/outreach/Community-Liaison-Committee.asp>

Technical Studies being conducted - <http://www.walkerea.com/en/studies---field-work.asp>

Approved Terms of Reference - http://www.walkerea.com/uploads/661/Doc_635984857572031111.pdf

I had promised to send some additional information on the wastewater (leachate) treatment technology that we are proposing to use and will do this in a separate email.

We discussed the potential interest in a tour of our Niagara resource recovery campus which includes an operating landfill similar to that being proposed in Oxford County. I would be happy to host a tour at any time.

If you have any additional specific questions or concerns, please do not hesitate to contact me.

Warm regards,
Darren



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Linda Norheim
Manager, Lands, Resources and Consultations
Métis Nation of Ontario
75 Sherbourne St.
Suite 311
Toronto, ON M5A 2P9

Dear Ms. Norheim,

Walker Environmental is currently undergoing an Ontario Environmental Assessment (EA) process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

On February 7, 2018, we met to discuss the status of the Southwestern Landfill EA. At that time, we discussed that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. The final two work plans are now finalized (Human Health Risk Assessment and Air Quality) and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

Emily Sykes

From: Ted Cousins <tedc@metisnation.org>
Sent: Friday, March 01, 2019 2:07 PM
To: Emily Sykes
Subject: RE: Walker-Southwestern Landfill EA

Hi Emily thank you for sending me these links. I look forward to meeting you as well.

Ted

From: Emily Sykes [mailto:ESykes@walkerind.com]
Sent: Thursday, February 28, 2019 3:27 PM
To: Ted Cousins <tedc@metisnation.org>
Cc: Darren Fry <DFry@walkerind.com>; Info@walkerea.com
Subject: Walker-Southwestern Landfill EA

Hi Ted,

My name is Emily, and I am the Community Engagement Coordinator out of the Ingersoll office. Darren has asked me to send over some web links about the Southwestern Landfill project in preparation for our meeting. Our project website is a great resource for information. For your convenience, I've provided some links to help navigate the site. I've also provided a link to our Facebook page.

- a. The link below highlights some of the key elements of the project (who, what, where):
[Website: Who, What, Where](#)
- b. This link will bring you to some frequently asked questions about the proposal:
[Proposal FAQ](#)
- c. I have also attached a link to our Facebook page, which highlights the project, but also talks about other businesses within Walker Environmental Group:
[Walker SWLF Facebook Page](#)

Let me know if you have any questions or would like some additional information. I look forward to meeting you.

Regards,

Emily

Emily Sykes
Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
www.walkerind.com



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Leslie Galloway

From: Darren Fry
Sent: Friday, April 12, 2019 5:07 PM
To: Ted Cousins
Cc: Leslie Galloway; Emily Sykes
Subject: Re: Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Categories: ST=yes

Thanks Ted and very understandable. We can keep the item of land use on the agenda to discuss any next steps as required.

See you Monday.

Enjoy the weekend!

Darren

----- Original message -----

From: Ted Cousins <tedc@metisnation.org>
Date: 2019-04-12 4:40 PM (GMT-05:00)
To: Darren Fry <DFry@walkerind.com>
Cc: Leslie Galloway <LGalloway@walkerind.com>, Emily Sykes <ESykes@walkerind.com>
Subject: RE: Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Hi Darren,

Thanks for the email and agenda, as well as providing us the questionnaire in advance. I haven't had a chance to hear from all our R9CC members yet but I would like to flag a concern we likely have regarding the questionnaire. As a general policy, the MNO does not provide specific land-use information to companies or governments at introductory project meetings. Understanding community land-use isn't usually something that can be sufficiently covered in a meeting with our RCC members, and there are also issues with data ownership and stewardship that come up with these kinds of questions. I'm sure the RCC members will feel comfortable sharing their values and connection to the land as Métis people in a general sense but answering specific land-use questions will likely not be possible.

I'll be driving to Ingersoll on Monday Morning but if you have any questions etc. feel free to call me on my cell phone at 416-706-8702.

Thanks,

Ted

From: Darren Fry [mailto:DFry@walkerind.com]
Sent: Thursday, April 11, 2019 12:28 PM
To: Ted Cousins <tedc@metisnation.org>
Cc: Leslie Galloway <LGalloway@walkerind.com>; Emily Sykes <ESykes@walkerind.com>
Subject: RE: Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Hi Ted,

I hope you are enjoying the week so far. I also wanted to reach out and touch base about the upcoming meeting at our office at 160 Carnegie Street this coming Monday April 15th from 12:00noon - 4:30pm.

A general agenda is provided below for the day – please let me know if this ok, we’re flexible. Our main objectives for the meeting are: 1) to provide an update on the Southwestern Landfill Proposal (with discussion and input/question period) and, 2) have a discussion/focus group with our consultant Shared Value Solutions (SVS) regarding land use around the project site. For clarity, these questions are intended to help us better understand land use by Indigenous peoples/communities in and around the project so that we can assess if any of these uses would be impacted. SVS has provided the questions for the focus group in advance (attached) for your review.

We have no issue with a few extra people attending. We have lots of room and will order some extra lunch.

If you have any questions about the general agenda or any other items you would like to discuss before our meeting, please feel free to contact me.

I look forward to meeting.

Warm Regards,

Darren

AGENDA

Monday April 15th

12:00pm-4:30pm

- 12:00 Arrival at lower board room of office at 160 Carnegie Street, Ingersoll
- 12:15 Lunch
- 12:45 PowerPoint Presentation by Walker Environmental Group
 - Recap on the Southwestern Landfill Proposal
 - Where we are in the process
 - Moving forward, next steps
 - R9CC Input, Discussion, Questions
- 2:00 Focus Group with SVS
 - Focus group for land use data collection and assessment
 - Prepared Questions Attached
- 4:00 Wrap-up

From: Ted Cousins <tedc@metisnation.org>

Sent: Wednesday, April 10, 2019 4:10 PM

To: Darren Fry <DFry@walkerind.com>

Cc: Leslie Galloway <LGalloway@walkerind.com>

Subject: RE: Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Hi Darren,

Looking forward to meeting you and your team on Monday. I forget to let you know that our R9CC members often bring a member from each of their councils to engagement meetings such as ours on Monday— so there might be a few extra people attending (3-4 people).

Also I like having an agenda for these meetings even if there are only a few items. Do you have an idea of how you would like to present the project?

Thanks,

Ted

From: Darren Fry [<mailto:DFry@walkerind.com>]
Sent: Thursday, March 21, 2019 4:21 PM
To: Ted Cousins <tedc@metisnation.org>
Cc: Leslie Galloway <LGalloway@walkerind.com>
Subject: RE: Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Hi Ted,

Thanks for coordinating our meeting on the 15th – its much appreciated and we look forward to meeting.

Walker will fund the MNO members honoraria and travel expenses as you have provided below. We'll provide cheques to the members on the day of the meeting to keep things simple.

Thanks again and speak soon,
Darren

Darren Fry, A.Sc.T
Project Director, Southwestern Landfill EA

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



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From: Ted Cousins <tedc@metisnation.org>
Sent: Thursday, March 21, 2019 4:14 PM
To: Darren Fry <DFry@walkerind.com>
Cc: Leslie Galloway <LGalloway@walkerind.com>
Subject: [QUAR] Follow up - MNO R9CC - Southwestern Landfill EA Meeting April 15, Draft Budget

Hi Darren,

Following up regarding our meeting scheduled for April 15th from 12pm-4:30pm. I've confirmed that all five of our Region 9 Consultation Committee (R9CC) Members will be attending, and I've attached a draft meeting budget for Walker's approval.

As I believe I've mentioned before, the Honoria and travel expenses are determined as per the MNO financial policies and procedures. Our RCC members do their work on behalf of MNO citizens on a voluntary basis and have to take time away from their professional and family life in order to participate in engagement activities.

If you have any questions please don't hesitate to give me a call or email.

Thank you,

Ted

Ted Cousins

Consultation Assessment Coordinator
Lands, Resources and Consultations Branch
Métis Nation of Ontario
311-75 Sherbourne St.
Toronto, ON. M5A 2P9
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www.metisnation.org

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----- Original message -----

From: Ted Cousins <tedc@metisnation.org>
Date: 2019-02-21 12:48 PM (GMT-05:00)
To: Darren Fry <DFry@walkerind.com>
Subject: Follow up - Southwestern Landfill EA Meeting Dates

Hi Darren,

Our R9CC councilor has identified the following dates that would work for setting up a meeting in Ingersoll to discuss the Southwestern Landfill EA.

March: 15,19,25,31

April: 15,18,25,26,27

Can you let me know if any of these dates would work for you and your team?

Thanks,

Ted

From: Ted Cousins
Sent: Friday, February 08, 2019 8:24 AM
To: Darren Fry <DFry@walkerind.com>
Subject: RE: Walker - Southwestern Landfill EA

Hi Darren, great talking with you this morning. Just wanted to send a quick summary of our call this morning:

Meeting Re: Southwestern Landfill EA

- Walker is preparing its Draft EA report for the Southwestern Landfill near Ingersoll and would like to meet with the MNO Region 9 Consultation Committee (R9CC) to ensure they are engaged and fully considered in Walker's EA work
- We will aim for a meeting in mid-march to mid-April in Ingersoll (excluding March break)— Ted will get back to Darren with potential meeting dates
- Walker will cover the meeting costs including travel and honoraria for R9CC members— Ted will send Darren a draft meeting budget for agreement/approval
- Future meetings regarding the Southwestern Landfill are anticipated after Walker submits its draft EA report (expected to happen in June)
- Darren will send any relevant web links for Southwestern Landfill project

Tour of Niagara facility:

- This tour offers the R9CC a chance to see a similar facility to what is being proposed in Ingersoll, [REDACTED]
- We will aim for a May date for this tour.

That's all for now Darren, if there's anything I missed feel free to reply with corrections/additions. I'll be in touch soon,

Thanks,

Ted

From: Darren Fry [<mailto:DFry@walkerind.com>]

Sent: February-07-19 4:51 PM

To: PeterRivers

Cc: Linda Norheim; Ted Cousins; Derrick Pont; Emily Sykes; 'Leah Culver'

Subject: RE: Walker - Southwestern Landfill EA

Hi Peter,

No need to apologize, we're happy to meet face-to-face and have a more wholesome discussion as a group. I'll provide some dates for you to review with the committee. I presume meeting in Ingersoll is acceptable and a central location?

Ted – would you still like to chat tomorrow am. We can share some thoughts/ideas/dates about a tour of the Niagara campus?

Regards,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill

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From: Peter Rivers <rivers_peter@hotmail.com>

Sent: Thursday, February 7, 2019 12:38 PM

To: Darren Fry <DFry@walkerind.com>

Cc: LindaN@metisnation.org; Ted Cousins <tedc@metisnation.org>; DJ Pont <pontdj@hotmail.com>

Subject: Re: Walker - Southwestern Landfill EA

Hello. Thanks for the reply but we can't do a call it will have to be a face to face meeting with the entire consultation committee and staff. I apologize for this I know it's a pain but we all work as one unit and they all prefer to have a face to face meeting. If you like we can give you possibilities of dates available. Thanks

Peter Rivers
Windsor ON

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From: Darren Fry <DFry@walkerind.com>
Sent: February 6, 2019 2:12 PM
To: 'DJ Pont'
Cc: Emily Sykes; 'Leah Culver'
Subject: Walker - Southwestern Landfill EA

Hi Derrick,

I hope all is well. I wanted to touch base on a few fronts.

First, I know we've been in contact with Ted Cousin's regarding a tour of our Niagara campus and we're happy to host the Region 9 consultation committee. Kevin Kehl, my colleague will coordinate a date that works best for the committee – Spring is probably best especially given the freezing rain weather experiencing at the moment.

Secondly, as part of the Southwestern Landfill EA, our consultant (SVS) who is conducting an assessment of potential effects on Indigenous communities would like to speak with someone from MNO. Would you be the appropriate person or shall I coordinate this through Ted? I've copied Leah Culver from SVS on this note.

Thanks in advance,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill

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<image001.jpg>

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From: Emily Sykes [mailto:ESykes@walkerind.com]
Sent: Tuesday, April 16, 2019 11:16 AM
To: Ted Cousins <tedc@metisnation.org<mailto:tedc@metisnation.org>>
Cc: Darren Fry <DFry@walkerind.com<mailto:DFry@walkerind.com>>;
Info@walkerea.com<mailto:Info@walkerea.com>; 'Leah Culver'
<leah.culver@sharedvaluesolutions.com<mailto:leah.culver@sharedvaluesolutions.com>>; Joanne Shantz
<joanne.shantz@sharedvaluesolutions.com<mailto:joanne.shantz@sharedvaluesolutions.com>>
Subject: April 15th Meeting Follow-up

Good Morning Ted,

It was great to meet you yesterday. I would like to thank the committee for taking the time to come to our office and discuss the Southwestern Landfill Environmental Assessment. During the meeting four items came up that I would like to follow-up on;

First, there was interest by the group to see if there is a field liaison representative (land monitor) that would be available to participate in the final stage of the archaeology study (approximately 1 day of field work). For land monitors, we typically have a contract that sets out hourly wage, compensation for travel, liability insurance, etc. We anticipate that the remaining archaeology field work will be completed in the next 2-3 weeks. This work requires that the fields dry in order to plough, and then we need a good rain event. Please feel free to contact us if you need any more information for next steps.

Second, there was interest in a tour of our Niagara campus this spring. We propose the following dates: May 22nd, May 29th, June 5th or June 12th. Please let us know if any of these dates work for you and others who are interested in attending the tour.

Third, we will be sending documents regarding water treatment plant information as well as our internal EARTH 1st program. These are to follow-up with questions asked by committee members. You can expect these documents by the end of the week/early next week.

Finally, we discussed possible options for moving forward with assessment. One of the options was a site walk with any interested knowledge holders or land users, I have cc'd Leah and Joanne from SVS to continue this discussion.

Please feel free to contact me with any questions at 905-680-3653.

Warm Regards,

Emily

Emily Sykes
Community Engagement Coordinator

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Toll free: 866-694-9360
www.walkerind.com<<http://www.walkerind.com>>

[www.walkerind.com]<<http://www.walkerind.com>>

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Leslie Galloway

From: Darren Fry
Sent: Tuesday, April 23, 2019 4:06 PM
To: 'Ted Cousins'
Subject: RE: April 15th Meeting Follow-up

Hi Ted - unfortunately I am already booked for Friday. We'll have to look at some other dates.

Thanks,
Darren

-----Original Message-----

From: Ted Cousins <tedc@metisnation.org>
Sent: Tuesday, April 23, 2019 2:59 PM
To: Darren Fry <DFry@walkerind.com>
Subject: RE: April 15th Meeting Follow-up

Hi Darren,

I just spoke with Peter today, he's coming to Toronto on Friday for some other MNO activities. Any chance you would be able to meet in Toronto this Friday for either a late lunch (1pm) or at our Toronto office? If not, we can look at some dates farther in the future.

Thanks,

Ted

From: Darren Fry [DFry@walkerind.com]
Sent: Monday, April 22, 2019 10:16 AM
To: Ted Cousins
Subject: RE: April 15th Meeting Follow-up

Hi Ted,

I was great to meet you as well and thanks for coordinating everything. I would be happy meeting with Peter and yourself – let me know some dates that work and I'll get back to you.

Speak soon,
Darren

Darren Fry, A.Sc.T
Project Director, Southwestern Landfill EA
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Toll free: 866-694-9360
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From: Ted Cousins <tedc@metisnation.org>
Sent: Thursday, April 18, 2019 3:07 PM
To: Darren Fry <DFry@walkerind.com>
Subject: RE: April 15th Meeting Follow-up

Good afternoon Darren,

It was great meeting you on Monday and thank you for your great presentation about Walker's Southwestern Landfill project.

Regarding next steps for Walker's engagement with the Region 9 Consultation Committee (R9CC), the committee has discussed this, and would prefer that we schedule a meeting with you, Peter Rivers, (the Regional Councilor for region 9) and myself before planning the tour for the R9CC in Niagara. Peter has to firm up his schedule and should be able to provide potential meeting dates sometime next week. In terms of location, we're quite flexible and could meet you wherever is convenient. Does this work for you? Let me know, and please don't hesitate to call or email if you have any questions etc.

Regards,

Ted

Ted Cousins
Consultation Assessment Coordinator
Lands, Resources and Consultations Branch Métis Nation of Ontario
311-75 Sherbourne St.
Toronto, ON. M5A 2P9
Ph: 416-977-9881 ext. 112
Toll Free: 1-888-466-6684
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Vol IV Appendix I-10 Indigenous Communities Correspondence

Delaware Nation at Moriviantown

From: [Becky Oehler](mailto:Becky.Oehler@walkerea.com)
To: Info@walkerea.com
Subject: FW: Southwestern Landfill project - update meeting request
Date: Tuesday, March 29, 2016 11:47:08 AM

From: jeremy.shute@sharedvaluesolutions.com [mailto:jeremy.shute@sharedvaluesolutions.com]
Sent: Tuesday, March 29, 2016 11:26 AM
To: Chief.thomas@munsee-delaware.org
Cc: executive.assistant@munsee-delaware.org; Becky Oehler
Subject: Southwestern Landfill project - update meeting request

Good morning Chief Thomas,
I was just speaking with Carol Antone and she suggested that I send you an email to request a meeting. We have spoken on the phone in the past about Walker's proposed Southwestern Landfill project. The Ministry has just approved the Terms of Reference for the Environmental Assessment. I'm wondering if we can meet in person to provide you an update on the project, its status and next steps.

Would you have anytime available next week?

Thank you,
Jeremy Shute

Jeremy Shute, M.A., R.P.P.
Managing Partner, Shared Value Solutions Ltd.

Office: 226-706-8888 ext 105

jeremy.shute@sharedvaluesolutions.com www.sharedvaluesolutions.com
62 Baker Street, Guelph, ON, Canada N1H 4G1

From: [Becky Oehler](mailto:Becky.Oehler@walkerea.com)
To: Info@walkerea.com
Subject: FW: Southwest landfill project - EA Terms of Reference Approval
Date: Tuesday, March 29, 2016 11:47:12 AM

From: jeremy.shute@sharedvaluesolutions.com [mailto:jeremy.shute@sharedvaluesolutions.com]
Sent: Tuesday, March 29, 2016 11:04 AM
To: loganju@xplornet.ca
Cc: Becky Oehler
Subject: Southwest landfill project - EA Terms of Reference Approval

Hi Justin,

Nice to speak with you this morning. I hope you get your email problem sorted out. This is just a follow up note to let you know that the Terms of Reference for the Environmental Assessment for the proposed Southwest landfill project have been approved by the Ministry. The next step will be for the Environmental Assessment to start; timelines for that process have yet to be determined. As you requested, I will let you know when we are going to be having First Nation Working Group meetings about the proposed project and EA.

Please contact me anytime if you have any questions.
All the best,
Jeremy

Jeremy Shute, M.A., R.P.P.
Managing Partner, Shared Value Solutions Ltd.

Office: 226-706-8888 ext 105

jeremy.shute@sharedvaluesolutions.com www.sharedvaluesolutions.com
62 Baker Street, Guelph, ON, Canada N1H 4G1

March 29, 2016

Chief Roger Thomas
Munsee-Delaware First Nation
279 Jubilee Road
Muncey, Ontario N0L 1Y0

Dear Chief Thomas,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a long horizontal stroke extending to the right.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Jennifer Deleary, *Council Executive*

From: [Becky Oehler](#)
To: ["glenn@munsee.ca"](mailto:glenn@munsee.ca)
Cc: [Darren Fry](#); jeremy.shute@sharedvaluesolutions.com
Subject: Detailed Summary - November 2 Workshop
Date: Monday, December 19, 2016 10:37:12 AM
Attachments: [FN Workshop November 2, 2016 Summary.pdf](#)
[FN Workshop November 2, 2016 Resource Materials.pdf](#)

Good Morning Glenn,

Thank you very much for attending the November 2 workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We appreciate your thoughts and questions, and look forward to continuing the conversation in the new year. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any feedback on the detailed summary, regarding the format or content. Our goal is to provide an accurate record of the discussion.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*

Detailed Summary - November 2 Workshop

Becky Oehler

Sent: Monday, December 19, 2016 10:39 AM

To: carol@munsee.ca

Cc: Darren Fry; jeremy.shute@sharedvaluesolutions.com

Categories: value

Attachments: FN Workshop November 2, 20~1.pdf (354 KB) ; FN Workshop November 2, 20~2.pdf (1 MB)

Good Morning Carol,

I'm sorry you were unable attend the November 2nd workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We have prepared a detailed summary of the workshop with a goal of accurately capturing the dialogue for both participants and those who were unable to attend.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any questions or comments regarding the workshop or documents. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

September 19, 2017

Chief Roger Thomas

Munsee Delaware Nation
289 Jubilee Road
RR #1 Muncey, ON N0L 1Y0

Dear Chief Thomas:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNRF), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual

	<p>and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.</p> <p>For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.</p> <p>For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.</p>
Economic	<p>Face-to-face or telephone interviews with nearby businesses.</p> <p>Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.</p> <p>General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.</p> <p>Key stakeholder interviews:</p> <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	<p>Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.</p> <p>The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.</p> <p>An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.</p> <p>The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.</p>
Health	N/A – uses data collected from other studies.
Noise	<p>Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.</p> <p>Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)</p> <p>Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).</p>
Social	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues

- Identifying potential effects of the landfill
- b) After the initial effects assessment has been completed (results from other studies):
- Feedback on the results of the effects assessment
 - Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community
- Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill

	<ul style="list-style-type: none"> • Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.) • Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project • Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill
	<p>Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:</p> <ul style="list-style-type: none"> • County of Oxford • Township of South West Oxford • Township of Zorra • Town of Ingersoll
	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> a) At the start of the social study b) After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> a) Land users and knowledge holders b) First Nation Land and Resource Managers or Consultation Officers
Traffic	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p>

	<ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc. • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc).
	<p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
<p>Visual</p>	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Roger Thomas,
Munsee-Delaware First Nation
289 Jubilee Road
Muncey, ON N0L 1Y0

Dear Chief Thomas,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Carol Antone, Executive Assistant

Leslie Galloway

From: Emily Sykes
Sent: Friday, March 22, 2019 11:39 AM
To: 'Ecdev.asst@munsee.ca'
Cc: Darren Fry; Info@walkerea.com
Subject: WEG-SWLF information for Munsee-Delaware
Attachments: GI Book 2019-single page version.pdf

Good Morning,

My name is Emily, and I work for Walker Environmental Group (Walker) as the Community Engagement Coordinator for the Southwestern Landfill (SWLF) proposal. I hear you had some questions about our project, such as what is being proposed, what studies are being conducted, and how modern landfills protect the surrounding environment. I have attached our most recent information booklet on the project, which should help give you some more background information.

We also have a project website that provides more details on the proposal, our company, and how modern landfills operate. I would recommend viewing our video on the website, [Video: How Modern Landfills Operate](#), when you have the opportunity.

In addition, we have an active Facebook page that highlights the project as well as Walker, [WEG Facebook Page](#), this may also give you some more background information.

I hope this helps address some of the questions and provides some context to the conversation you had with Darren. If you have any other questions please do not hesitate to contact us.

Have a wonderful weekend,

Emily

Emily Sykes

From: Darren Fry
Sent: Thursday, April 18, 2019 3:21 PM
To: 'consultation@munsee.ca'
Cc: Emily Sykes
Subject: RE: Southwestern Landfill

Good afternoon Stacey,

My name is Darren Fry and I am the Project Director for the Southwestern Landfill EA. Thank you for following up on my initial phone call and the email that Emily sent over, my apologies for the delay in getting back to you.

Thank you for sharing some of your concerns about the project and specifically about the Thames River. We recognize the historical and present importance of the River for all peoples, but especially First Peoples. We are committed to understanding how Indigenous communities may be impacted by the project and this work is being as part of the Environmental Assessment that we initiated in 2012. Actually, the reason that I had reached out was to see if we could arrange an opportunity to meet with the appropriate staff/community members at MDN to better understand how land users may use the land in and around the project site (ie. fishing, hunting, harvesting as you note below).

We have met with members of the community of before and we had hoped that we could continue to have an open dialogue about the project, answer any questions you may have and ensure we incorporate your community's concerns into our assessment. If possible, we would more than happy to come to MDN and meet to provide an update, ensure you have all the information that you need and answer questions you may have. Let me know – we can work with your schedule.

To answer your question about an Environmental Review Tribunal (ERT), there is currently no ERT scheduled nor do we know if there will be one. We are currently in the data gathering and assessment phase of the EA and expect to submit a final EA Report to the Province in the Fall of 2019. We would be happy to discuss the process and clarify any information you may have received elsewhere to ensure you have correct and accurate information.

Lastly, I would like to extend the offer to meet and discuss these items further. We are available to come to you at a place and time that is convenient. Please don't hesitate to contact me.

Warm Regards,

Darren

From: Stacey Phillips <consultation@munsee.ca>
Sent: Wednesday, April 10, 2019 11:05 AM
To: Emily Sykes <ESykes@walkerind.com>
Subject: Southwestern Landfill

Good Morning Emily,

My name is Stacey Phillips and I am the consultation coordinator for Munsee-Delaware Nation (MDN). I have had an opportunity to review the general project information for the Southwestern Landfill EA as well as other information

shared by your office. One of the concerns of the First Nation is any adverse impact the proposed landfill will have on the Thames River as we are located down stream from the Landfill. The Thames River plays an important role in our communities as many of our people fish and hunt along the Thames river throughout the spring, summer, and winter. As a result, we will continue to monitor this project in terms of possible adverse impacts through dumping of landfill water into the Thames River. I will also be following up with the Canadian Environmental Law Association (CELA) on this file as they will be representing OPAL at the Environmental Review Tribunal.

If you can provide information on the dates CELA will be addressing the Environmental Review Tribunal that would be of great assistance. Thank you for the information on the proposed southwestern landfill environmental assessment and MDN will continue to monitor the project due to concerns with possible adverse impacts to the Thames River.

Stacey Phillips,
Consultation Coordinator
Munsee-Delaware Nation
279 Jubilee Road,
RR #1 Muncey, ON
N0L 1Y0

Vol IV Appendix I-10 Indigenous Communities Correspondence

Oneida Nation of the Thames (Oneida)

March 29, 2016

Chief Sheri Doxtator
Oneida Nation of the Thames
2212 Elm Avenue
Southwold, Ontario N0L 2G0

Dear Chief Doxtator,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,



Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Holly Elijah, *Council Assistant*
Joel Abram, *Councillor – Environment Portfolio*



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

October 16, 2017

Mr. Brandon Doxtator.
Councillor, Environment Portfolio, Oneida Nation of the Thames
2212 Elm Avenue,
Southwold, ON N0L 2G0

Dear Mr. Doxtator:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.

	For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.
	For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.
Economic	Face-to-face or telephone interviews with nearby businesses.
	Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.
	General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.
	Key stakeholder interviews: <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.
	The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.
	An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.
	The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.
Health	N/A – uses data collected from other studies.
Noise	Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.
	Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)
	Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).
Social	Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus: <ol style="list-style-type: none"> a) At the start of the social study: <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues • Identifying potential effects of the landfill b) After the initial effects assessment has been completed (results from other studies):

- Feedback on the results of the effects assessment
- Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd)
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- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
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- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)

	<ul style="list-style-type: none"> • Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project • Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill
	<p>Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:</p> <ul style="list-style-type: none"> • County of Oxford • Township of South West Oxford • Township of Zorra • Town of Ingersoll
	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> At the start of the social study After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> Land users and knowledge holders First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc.

	<ul style="list-style-type: none"> • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
Visual	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>

FW: Southwestern Landfill EA - Site Visit

Darren Fry

Sent: Wednesday, November 08, 2017 10:32 AM

To: Info@walkerea.com

RoC – Oneida

From: Jenelle Cornelius [mailto:jenelle.cornelius@oneida.on.ca]

Sent: Monday, November 06, 2017 1:28 PM

To: Darren Fry <DFry@walkerind.com>

Cc: 'neegann@firstpeoplesgroup.com' <neegann@firstpeoplesgroup.com>

Subject: RE: Southwestern Landfill EA - Site Visit

Hi Darren,

I will make contact with the councillors on the environment portfolio to see when a good time would be for us to attend. I know they are all interested in this opportunity.

Thank you,

Jenelle

From: Darren Fry [mailto:DFry@walkerind.com]

Sent: November-06-17 12:08 PM

To: Jenelle Cornelius

Cc: 'neegann@firstpeoplesgroup.com'

Subject: Southwestern Landfill EA - Site Visit

Hi Jenelle,

Thank you for taking the time to meet with Neegann and I last week. I'll send a more formal thank-you to everyone else who attended and recap on some key actions/discussion, however I wanted to reach out and see if we could set up a time for you to come to Ingersoll (we have an office there) and tour the proposed site.

I think it would be a great opportunity to:

- provide an overview of the project and the current status,
- discuss current and upcoming field studies and identify your or other colleagues availability to participate,
- discuss broader opportunities to engage Oneida community members to learn about/tour the proposed project and other environmental businesses and career opportunities

I am typically in Ingersoll 4 days/week and can accommodate your schedule. Also, I committed that Walker would reimburse you for your time/travel expense until we can develop an environmental monitor MOU.

Please let me know if this would work for you and feel free to call me anytime (my cell is 905.329.4265).

Warm regards,

Darren

Darren Fry, A.Sc.T

Project Director- Southwestern Landfill

Strategic Growth

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



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Plastic Bags for Compost Products

Becky Oehler

Sent: Wednesday, December 06, 2017 10:59 AM

To: [REDACTED]

Hi [REDACTED]

I just left a voicemail for you, and wanted to follow up by email as well.

I have some additional information for you regarding the plastic bags used for our All Treat products. The manufacturer of our bags confirmed that the plastic is recyclable. However, some municipalities (ie. London) do not accept plastic bags in curbside recycling bins. Other municipalities, like Oxford County, accept plastic bags.

I recall that you have collected bags over the years. I would be happy to recycle them for you since you cannot put them in your curbside bin. If you are in Ingersoll, please feel free to drop the bags off at our office at 160 Carnegie Street. I told my colleagues at All Treat about the bags you have that indicate they are not recyclable. They are curious about these bags, since they are unaware of any product labels that say the bags are not recyclable. We would very much appreciate being able to see them so we can ensure this is corrected.

You and I also discussed different options for packaging compost. At All Treat, they have looked into different types of bags over the years, including compostable/biodegradable bags. This was found to be not feasible in past reviews of the technology because the bags need to have a certain shelf life. In some instances, the bags are packaged many months ahead of time, since compost operations have high seasons (spring, fall) and low seasons (summer, winter). We will continue to review different types of packaging as it becomes available, and are always interested in hearing about new ideas. Please let us know if you come across anything you'd like us to review.

In my discussions about our bags, I also learned about how companies like ours pay into funds with Stewardship Ontario. Essentially, companies that use plastic packaging must contribute to a government fund based on the amount of packaging they use. This fund supports municipal recycling programs across Ontario.

Thank you for supporting composting programs by purchasing soils made from compost. It's an essential part of recovering nutrients from waste. Please let me know if you have any other questions about our compost products. Also, I hope we can meet to discuss the proposed Southwestern Landfill at your convenience, please give me a call anytime.

Best wishes,
Becky

From: Becky Oehler

Sent: Monday, November 20, 2017 1:29 PM

To: [REDACTED]

Subject: Southwestern Landfill Environmental Assessment

Hi [REDACTED]

We met on Friday at the Caring For Our Mother Summit. Thanks for speaking with [REDACTED] and I at the Walker booth and expressing your concerns. [REDACTED]

Regarding the compost product bags, I have reached out to the organics diversion group at Walker to gather more information for you regarding the bags and the ability to recycle them. I will get back to you with more information soon.

We also talked about meeting to further discuss the landfill proposal and your concerns. I would be happy to meet at your convenience, whether in Ingersoll at our office or somewhere more convenient for you.

Also, if you're interested, we are having an open house next week. Our office is always open to visitors, but we have set aside hours on three days (November 28-30) to encourage members of the public to come to our office space to ask questions and express concerns. I've attached the ad for the event with all information.

Looking forward to speaking with you,
Becky
289-257-1680

Becky Oehler, M.Sc.

Community Engagement Manager- Southwestern Landfill

T: 905-680-3675
C: 289-257-1680
Toll free: 855-392-5537
www.walkerind.com



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RE: EA Participation and Land Monitoring

Darren Fry

Sent: Thursday, January 25, 2018 12:12 PM

To: Brandon Doxtator [Brandon.Doxtator@oneida.on.ca]; neegann (neegann@firstpeoplesgroup.com)

Cc: Clinton Cornelius [Clinton.Cornelius@oneida.on.ca]; HGrantt Doxtator [HGrantt.Doxtator@oneida.on.ca]; Jenelle Cornelius [jenelle.cornelius@oneida.on.ca]; Ashley Van Dinther

Categories: Printed and put in Binder

Hi Brandon,

Neegann and I are available for the Feb. 20th Council meeting. Can you kindly let us know if this would a suitable date for us to present and speak to Council?

Warm regards,
Darren

From: Jenelle Cornelius [mailto:jenelle.cornelius@oneida.on.ca]

Sent: Thursday, January 18, 2018 3:46 PM

To: Darren Fry <DFry@walkerind.com>; neegann (neegann@firstpeoplesgroup.com) <neegann@firstpeoplesgroup.com>

Cc: Clinton Cornelius <Clinton.Cornelius@oneida.on.ca>; HGrantt Doxtator <HGrantt.Doxtator@oneida.on.ca>; Brandon Doxtator <Brandon.Doxtator@oneida.on.ca>; Randall Phillips <Randall.Phillips@oneida.on.ca>

Subject: RE: EA Participation and Land Monitoring

Hello Darren,

Council's upcoming meetings are scheduled for Feb tues 6th, sat 10th and tues 20th. As I will be returning to school next Monday, Brandon Doxtator will be the person to contact when you would like to be added to the agenda.

Although I am returning to school, I would still like to participate in the EA process. I will be forwarding my availability to Brandon in hopes that I can still be on board with the EA.

I would like to thank you and Neegaan on behalf of Oneida Nation of the Thames for presenting us with this opportunity. We look forward to working with you in the near future.

Jenelle

From: Darren Fry [mailto:DFry@walkerind.com]

Sent: January-17-18 2:34 PM

To: Jenelle Cornelius; neegann (neegann@firstpeoplesgroup.com)

Cc: Clinton Cornelius; HGrantt Doxtator; Brandon Doxtator; Randall Phillips

Subject: RE: EA Participation and Land Monitoring

Hello Jenelle,

Sorry for the late reply as I was travelling earlier this week.

Neegann is working on drafting a Memorandum of Understanding that will guide us as we move forward. A draft should be available in early February.

We would be pleased to present to Council at an upcoming Council meeting. Can you kindly let us know the dates.

With regard to a general timeline of the upcoming fieldwork – I've attached a summary that outlines when specific work is scheduled to occur. We would be happy to meet again or host you at our Ingersoll office to discuss the upcoming fieldwork, tour the site and prepare our next steps in general.

I look forward to speaking soon.

Thank you,
Darren

Darren Fry, A.Sc.T

Project Director- Southwestern Landfill

Strategic Growth

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



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From: Jenelle Cornelius [<mailto:jenelle.cornelius@oneida.on.ca>]

Sent: Monday, January 15, 2018 2:55 PM

To: Darren Fry <DFry@walkerind.com>; neegann (neegann@firstpeoplesgroup.com) <neegann@firstpeoplesgroup.com>

Cc: Clinton Cornelius <Clinton.Cornelius@oneida.on.ca>; HGrantt Doxtator <HGrantt.Doxtator@oneida.on.ca>; Brandon Doxtator <Brandon.Doxtator@oneida.on.ca>; Randall Phillips <Randall.Phillips@oneida.on.ca>

Subject: EA Participation and Land Monitoring

Hello Darren and Neegann,

I just wanted to touch base with you before I return to school next week.

How are we looking in terms of the land monitoring policy? I know everyone has had a busy schedule but I am wondering when you would be free to present this opportunity to Council? Seeing we are already mid-January, it would be best to add you to the agenda for February if that would work for the two of you.

Also, I know a few community members expressed interest in being a part of the EA process. How would you like to go about having interested parties participate? Do you have a rough timeline of the different assessments that will be taking place this year?

If you can send me this information ASAP so we can have a spot available on the Council agenda and so interested community members can be notified of upcoming EA activities?

I am excited about this opportunity and look forward to hearing from you☺

Thank you,

Jenelle

Walker Environmental EA - All Work Plans Finalized

Becky Oehler

Sent: Monday, March 05, 2018 11:28 AM
To: Brandon Doxtator [brandon.doxtator@oneida.on.ca]
Cc: Darren Fry
Attachments: Notification Letter - Chie~1.pdf (126 KB)

Hi Councillor Doxtator,

I hope you're doing well!

This email is to notify you that all technical work plans are now finalized for the Southwestern Landfill EA. Attached is the official notification letter. In November, we sent out a notification that 11 of 13 work plans were finalized. It took some additional time to finalize the remaining two – Air Quality and Human Health Risk Assessment. These final work plans are now available.

You can access all of the work plans, as well as comment disposition tables, on our project website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>

At this time, we are carrying out the field work as described in the work plans. For an approximate field work schedule, please go to our website at <http://www.walkerea.com/en/studies---field-work.asp> We expect the field work to wrap up late 2018 – early 2019.

If you have any questions, would like to meet, or would like hard copies of any documents, please don't hesitate to contact us.

All the best,
Becky



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Randall Phillips,
Oneida Nation of the Thames
2212 Elm Avenue
Southwold, ON N0L 2G0

Dear Chief Phillips,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Brandon Doxtator, Councillor, Environment Portfolio

From: Darren Fry <DFry@walkerind.com>

Sent: January 25, 2019 2:39 PM

To: 'Brandon Doxtator'

Cc: Emily Sykes

Subject: Southwestern Landfill EA

Hi Brandon,

I hope all is well and that you had an enjoyable holiday. I wanted to touch base with you and maybe even schedule a quick call next week (its always easier to talk), provide a quick update and ask a few questions. Specifically, as part of this Environmental Assessment, our socio-economic assessment consultant would like to speak with lands/consultation staff at the communities we are engaging with. I was wondering if you would be the appropriate contact for Oneida.

Also – is the Mother Earth summit still taking place this weekend?

Look forward to hearing from you.

Speak soon/Yaw^ko,

Darren

Darren Fry, A.Sc.T

Project Director- Southwestern Landfill

T: 905-680-3783

C: 905-329-4265

Toll free: 866-694-9360

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Leslie Galloway

From: Darren Fry
Sent: Tuesday, March 26, 2019 3:28 PM
To: 'Brandon Doxtator'
Subject: RE: Southwestern Landfill EA

Shekoli Brandon – I was hoping we could schedule a call to provide a quick update on the Southwestern Landfill EA.

I've got some free time tomorrow and Thursday afternoon and all day Friday if any of these options work for you.

Best,
Darren

From: Brandon Doxtator <brandon.doxtator@outlook.com>
Sent: Wednesday, February 13, 2019 9:03 AM
To: Darren Fry <DFry@walkerind.com>
Cc: Emily Sykes <ESykes@walkerind.com>
Subject: Re: Southwestern Landfill EA

Good Morning Darren,

Its good to hear from you, I hope you are doing well.

Sorry I was out of the office the last couple weeks doing some training.

I am available to have a chat anytime,

I'm at our Public Works Department now and the number is 519-652-6922

Also, my official email is now environment@oneida.on.ca

I believe that they have pushed the Environment Summit back until Saturday March 23rd. We will also be doing a water ceremony at Harris Park in London the day before as March 22nd is World Water Day, so it all kind of ties together.

Hope you have a great day,

Brandon Doxtator

Emily Sykes

From: Emily Sykes
Sent: Monday, April 29, 2019 9:27 AM
To: Darren Fry; Becky Oehler
Subject: FW: Earth Day Summit

FYI

From: Oneida Environment <environment@oneida.on.ca>
Sent: Monday, April 29, 2019 9:25 AM
To: Emily Sykes <ESykes@walkerind.com>
Subject: RE: Earth Day Summit

Good Morning Emily,

Yes, I apologize for not informing you. We had some last minute presentation cancelations and he had wanted to do a presentation in the community for some time now and I was kind of putting him off but he was able to come out on short notice. However, it was also a good presentation because we have the City of Toronto's Landfill right next door to our community which we oppose, nor have we ever been consulted on, so we got some good information on how to proceed with that.

Yes, we have a few environment committee meetings coming up soon so I would like to have Walker come out once I can get those dates together.

Have a good day,
Yaw^

*Brandon Doxtator
Environment and Consultation Coordinator
Oneida Public Works
2706 Nicholas Rd, Oneida
(519)-652-6922*

From: Emily Sykes [<mailto:ESykes@walkerind.com>]
Sent: April-25-19 3:56 PM
To: Oneida Environment
Subject: RE: Earth Day Summit

Hi Brandon,

I hope you're doing well! Sorry we weren't able to meet on Tuesday. Leslie and I did come to the Earth Summit, but decided not to stay once we saw the first presentation was on Walker Environmental's Southwestern Landfill proposal, and the presentation was from a well-known opponent of the project (OPAL). We did not want to be disrespectful of the day by becoming engaged in any kind of debate, so we decided it was better to head home. I hope we can find another opportunity to meet soon!

Warm Regards,
Emily

From: Emily Sykes <ESykes@walkerind.com>
Sent: Tuesday, April 23, 2019 8:55 AM
To: 'Oneida Environment' <environment@oneida.on.ca>
Cc: Darren Fry <DFry@walkerind.com>; Leslie Galloway <LGalloway@walkerind.com>
Subject: RE: Earth Day Summit

Hi Brandon,

We will be there around 1pm for the presentations. Looking forward to it.

Cheers,

Emily

From: Oneida Environment <environment@oneida.on.ca>
Sent: Tuesday, April 23, 2019 8:50 AM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>; Leslie Galloway <LGalloway@walkerind.com>
Subject: RE: Earth Day Summit

Good Morning Emily,

Here is the event poster,

We will be starting this morning with the clean up at 9:30 am,

And the presentations will start at 1 this afternoon at the Oneida community centre, which is 2017 Ballpark Rd.

Thank you and have a great day

*Brandon Doxtator
Environment Coordinator
Oneida Public Works
2706 Nicholas Rd, Oneida
(519)-652-6922*

From: Emily Sykes [<mailto:ESykes@walkerind.com>]
Sent: April-22-19 10:37 AM
To: Oneida Environment
Cc: Darren Fry; Leslie Galloway
Subject: Earth Day Summit

Good Morning Brandon,

My name is Emily, and I am a Community Engagement Coordinator with Walker Environmental Group. Darren informed me a few weeks ago that the annual Oneida Earth Summit is taking place tomorrow April 23rd. I was wondering if you could provide more details (i.e place and time), as my coworker Leslie and I plan to attend.

I look forward to hearing from you.

Regards,

Emily

Emily Sykes

Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
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Emily Sykes

From: Oneida Environment <environment@oneida.on.ca>
Sent: Tuesday, May 21, 2019 11:54 AM
To: Emily Sykes
Cc: Darren Fry; Leslie Galloway
Subject: RE: Walker Southwestern Landfill EA

Follow Up Flag: FollowUp
Flag Status: Completed

CAUTION: This message came from outside of the Walker Industries mail system. Use caution when opening attachments, clicking links or responding to requests for information.

Good Day Emily,

Sounds great! I will add you to the agenda, how long do you think you would need for your presentation?

Thursday at 10am is good for me,

For the tour, I am just confirming if that date works for everyone to attend, I will let you know on Thursday for sure.

Have a good day,
BD

From: Emily Sykes [mailto:ESykes@walkerind.com]
Sent: May-17-19 9:33 AM
To: Oneida Environment
Cc: Darren Fry; Leslie Galloway
Subject: RE: Walker Southwestern Landfill EA

Good Morning Brandon,

Happy Friday! I would like to set **Thursday June 13th for Walker to come to the Committee meeting** and **Thursday June 20th for the Oneida tour to our Niagara campus**. We will get back to you by the end of next week to confirm some details about the tour, perhaps we can schedule a phone call for next week, Thursday May 23rd at 10am to discuss some logistics? (i.e would you like a bus, how many participants for the tour, etc.)

Have a wonderful long weekend.

Cheers,
Emily

From: Oneida Environment <environment@oneida.on.ca>
Sent: Thursday, May 16, 2019 12:05 PM

To: Emily Sykes <ESykes@walkerind.com>
Subject: RE: Walker Southwestern Landfill EA

Hello Emily,

Yes, everything is going good, hope the same for you.

Walker was on my list to invite and I was just getting to that email. Our next environment committee meetings are set for the following dates;

Thursday May 30th from 4-8pm
Thursday June 13th, 4-8pm
Thursday June 27, 4-8pm

Let me know which dates work for you and I will put you in.

Also, we would like to set up a tour date for the Walker Environment as we have new 5 interns coming on for the month of June so if we could arrange that as well, I'm looking at the week of June 17th-20th as a possible week. It would be for approx. 10-15 people (committee, and interested chief and council members included)

Thank you, and have a great day

*Brandon Doxtator
Environment and Consultation Coordinator
Oneida Public Works
2706 Nicholas Rd, Oneida
(519)-652-6922*

From: Emily Sykes [<mailto:ESykes@walkerind.com>]
Sent: May-16-19 11:55 AM
To: Oneida Environment
Subject: Walker Southwestern Landfill EA

Good Morning Brandon,

I hope you are enjoying the work week and you are looking forward to the long weekend. Darren asked me to follow-up with you and see if there are any upcoming Environment Committee meetings. We would love the opportunity to come out and answer any questions about the Southwestern Landfill Environmental Assessment.

I look forward to hearing from you, have a wonderful day.

Warm Regards,

Emily

Emily Sykes
Community Engagement Coordinator

Emily Sykes

From: Oneida Environment <environment@oneida.on.ca>
Sent: Thursday, June 20, 2019 8:41 AM
To: Emily Sykes
Cc: Info@walkerea.com
Subject: Re: Meeting Follow-up/Tour details

Good morning Emily,

Sounds good we are really excited. We are just waiting for the bus now

You can call me at 2263764101 if you want ti have a quick convo

Get [Outlook for Android](#)

From: Emily Sykes <ESykes@walkerind.com>
Sent: Wednesday, June 19, 2019 9:36:20 AM
To: Oneida Environment
Cc: Info@walkerea.com
Subject: Meeting Follow-up/Tour details

Good Morning Brandon,

I hope you are having a great work week, and are looking forward to the tour tomorrow! I will be joining you on the bus ride, the bus will be picking me up at the Ingersoll carpool on its way to Niagara. Should you have any issues, please feel free to give me a call at **519-831-4627 (cell)**. The bus will be at the political office for departure at 8:30am. Is our participant count still between 15-20 people? The mini coach bus fits approximately 20 people.

During our meeting last week, we made a commitment to send some website links and information over. I have attached our most recent information booklet on the project, which should help give you some more background information. We also have a project website that provides more details on the proposal, our company, and how modern landfills operate. I would recommend viewing our video on the website, [Video: How Modern Landfills Operate](#), when you have the opportunity.

I also want to follow-up with a few other items from our meeting. The group said they were interested in the HDI input into the project, can you please let me know what you're looking for? We will have some archaeology field work in the coming weeks/months for a stage 3 Euro-Canadian site, is Oneida interested in having a monitor available for this? Let me know, and we can start working on the contract to get everything ready to go.

Lastly, we are going to be releasing the draft EA report in the coming months. We will be looking for some guidance on how to best engage and consult with the nation at this stage. We can organize a meeting when it is convenient for you to discuss.

Have a wonderful day, I look forward to hearing from you.

Warm Regards,

Leslie Galloway

From: Emily Sykes
Sent: Thursday, October 3, 2019 11:17 AM
To: Info@walkerea.com
Subject: FW: Walker Southwestern Landfill EA update

From: Emily Sykes <ESykes@walkerind.com>
Sent: Monday, July 08, 2019 2:17 PM
To: 'Oneida Environment' <environment@oneida.on.ca>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Walker Southwestern Landfill EA update

Hi Brandon,

Thank you for getting back to me. It is exciting to hear that the monitoring program is moving forward. On that note, we have some Euro-Canadian archaeology work left for the Southwestern Landfill project, but we have not set dates yet. It is likely that the work will not take place until after the Minister has made a decision on the Environmental Assessment. I will keep you up to date on this, and we can discuss in more detail if you'd like.

I have noted that you prefer a USB to receive the draft EA report. It is going to be a large document, so you'll definitely be saving some paper.

Lastly, thank you for outlining the process. We understand it is being developed, and we will adjust accordingly and with your guidance.

Have a wonderful week, let me know if you have any questions.

Kind Regards,

Emily

From: Oneida Environment <environment@oneida.on.ca>
Sent: Thursday, July 04, 2019 4:38 PM
To: Emily Sykes <ESykes@walkerind.com>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: Walker Southwestern Landfill EA update

Good day Emily.

Yeah sorry I was doing a monitoring training all of last week and had limit access to my phone and emails.

Yes thank you as well, I very much enjoyed myself during the tour the other week. I was talking to my friend Wanita who came as well, she thought it was really cool.

At this time, I don't believe there is any other questions. A USB format would preferable so we can save some paper.

Once the draft EA has been sent, I shall send you back a first response letter signed by Chief detailing our community history, treaty information and when you can expect a response back. I will then review the EA and take it to the environment committee for their decision. They will determine the level of impact of either low, mid, or high. I will notify you of that decision within a week of the environment committee meeting. If it is determined to be of medium or high impact, we would request that you come back to do another presentation to both Chief and Council, and the community respectively. Also, if a high impact level is determined, we would also look at capacity requirements, work orders and fee schedules, however we are still developing our processes in this area and I'm not sure exactly what that would look like. A consensus based decision would be made at either of the three levels that would be communicated.

I hope this helps,

Thank you

*Brandon Doxtator
Environment and Consultation Coordinator
Oneida Nation of the Thames
Oneida Public Works Office
2706 Nicholas Rd, Oneida
(519)-652-6922*

T[^]teskwahlolyana' Nahte' Weswalihwatsh[^]'li
"Come and tell us what you found out"

From: Emily Sykes [<mailto:ESykes@walkerind.com>]
Sent: July-04-19 11:57 AM
To: Oneida Environment <environment@oneida.on.ca>
Cc: Darren Fry <DFry@walkerind.com>
Subject: Walker Southwestern Landfill EA update

Good Morning Brandon,

I hope you are enjoying the short work week. I would like to thank you again for the coordination with the bus tour to Niagara June 20th.

At this time, the Southwestern Landfill EA is compiling the technical studies and writing their results into the draft Environmental Assessment (EA). The draft EA report will be released in the coming months, when we have a more clear date in mind, we will be contacting you to discuss how you would like to receive the document (i.e USB, hard copy). Before the release, I wanted to reach out and see if there are any outstanding items or questions. We will be looking towards you and the Nation for guidance on how you would like to be engaged and consulted during the draft EA period. There will also be opportunities to review the work done by SVS, who are writing a piece in the draft EA report on Indigenous communities and land use information. By having the piece written and potential impacts identified, Indigenous communities will be able to review the findings and provide input.

I also wanted to reach out and let you know that if any of the participants have any questions about the tour, or the Southwestern Landfill EA they are welcome to contact us directly, or we can come to them at a time and place that is convenient for them.

Have a wonderful day.

Regards,

Emily

Leslie Galloway

From: Emily Sykes
Sent: Tuesday, December 17, 2019 10:24 AM
To: Info@walkerea.com
Subject: FW: SWLF EA Update & Check In

From: Emily Sykes <ESykes@walkerind.com>
Sent: Tuesday, December 17, 2019 10:24 AM
To: 'Oneida Environment' <environment@oneida.on.ca>
Subject: SWLF EA Update & Check In

Good Morning Brandon,

I hope you are doing well. I assume the dock launch has been postponed until next spring? Please keep us on the invite list, we'd be more than pleased to come! I should have asked earlier, but are we required to bring our own canoe and/or kayak for the event?

I also wanted to check in and give you an update on where we are with our draft EA report for the Southwestern Landfill EA. We are still preparing the document, but we expect to be ready for public release in the New Year. I will call you in the first few weeks to confirm our public release date, and also ask how you'd like to receive the document (I believe in the past you said USB). I would also like the opportunity at that time to discuss what we have planned for engagement over the review period, and get your feedback on how you would like us to engage the Nation over the draft EA review period.

Let me know if you have any questions. And have a happy and healthy holiday season!

Regards,

Emily



Emily Sykes

Community Engagement Coordinator

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www.walkerind.com



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Vol IV Appendix I-10 Indigenous Communities Correspondence

Six Nations of the Grand River First Nation

March 29, 2016

Chief Ava Hill
Six Nations of the Grand River
P.O. Box 5000 1695 Chiefswood Road
Ohsweken, Ontario N0A 1M0

Dear Chief Hill ,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms is that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a long horizontal stroke extending to the right.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Joanne Thomas, *Land and Resources - Consultation*

Detailed Summary - November 2 Workshop

Becky Oehler

Sent: Monday, December 19, 2016 10:21 AM

To: Joanne Thomas [jthomas@sixnations.ca]

Cc: Darren Fry; jeremy.shute@sharedvaluesolutions.com

Categories: value

Attachments: FN Workshop November 2, 20~1.pdf (354 KB) ; FN Workshop November 2, 20~2.pdf (1 MB)

Good Morning Joanne,

Thank you very much for attending the November 2 workshop in Woodstock, Ontario regarding the Walker Environmental Southwestern Landfill Environmental Assessment. We appreciate your thoughts and questions, and look forward to continuing the conversation in the new year. **The next workshop is scheduled for March 8, 2017**, and additional details will be sent closer to the event.

Please find attached two documents:

- 1) Detailed Summary of the workshop
- 2) Reference Materials that were handed out

Please let me know if you have any feedback on the detailed summary, regarding the format or content. Our goal is to provide an accurate record of the discussion.

Matt Jocko also attended as a representative from Six Nations, but I don't have his contact information. If you would kindly send me his email address or phone number, that would be greatly appreciated.

Best wishes for a happy holiday season,
Becky

[Click here](#) to view our *December newsletter*



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Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

October 16, 2017

Ms. Joanne Thomas
Consultation Supervisor, Six Nations of the Grand River
1695 Chiefswood Road, P.O. Box 5000
Ohsweken, ON NOA 1M0

Dear Ms.Thomas:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

Via email

October 24, 2017

Ms. Joanne Thomas
Consultation Supervisor, Six Nations of the Grand River
1695 Chiefswood Road, P.O. Box 5000
Ohsweken, ON NOA 1M0

Dear Ms.Thomas:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,



Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.
	Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.
Air Quality	Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).
	Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadsapes, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.
Ecology	In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.
	For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.
	For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.

	<p>For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.</p> <p>For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.</p>
Economic	Face-to-face or telephone interviews with nearby businesses.
	Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.
	General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.
	<p>Key stakeholder interviews:</p> <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.
	The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.
	An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.
	The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.
Health	N/A – uses data collected from other studies.
Noise	Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.
	Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)
	Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).
Social	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues • Identifying potential effects of the landfill <p>b) After the initial effects assessment has been completed (results from other studies):</p>

- Feedback on the results of the effects assessment
- Comments or suggestions on ways to mitigate effects

These meetings are intended for the nearest neighbours to the proposed landfill, including:

- Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd)
- Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll)
- Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville)
- Centreville residents

Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:

- Understand current attitudes toward the quarry site and proposed landfill
- Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill
- Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction
- Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill
- Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill
- Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill
- Obtain comments/suggestions on ways to mitigate effects of the proposed landfill

Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:

- Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community
- Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being
- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)

	<ul style="list-style-type: none"> • Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project • Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill
	<p>Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:</p> <ul style="list-style-type: none"> • County of Oxford • Township of South West Oxford • Township of Zorra • Town of Ingersoll
	<p>Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:</p> <ul style="list-style-type: none"> • Help confirm/verify information • Identify the likelihood of changing behaviours • Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill • Obtain comments or suggestions on ways to mitigate effects of the proposed landfill <p>Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.</p>
	<p>Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.</p>
	<p>Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.</p> <p>Held at two times:</p> <ol style="list-style-type: none"> At the start of the social study After the initial effects assessment has been completed (results from other studies) <p>Held with two different groups:</p> <ol style="list-style-type: none"> Land users and knowledge holders First Nation Land and Resource Managers or Consultation Officers
<p>Traffic</p>	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc.

	<ul style="list-style-type: none"> • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
Visual	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>

SWLF EA - Field Study Notification

Darren Fry

Sent: Tuesday, October 24, 2017 11:32 AM
To: jthomas@sixnations.ca
Categories: Printed and put in Binder
Attachments: Notification letter Six Na~1.pdf (493 KB)

Hi Joanne,

It was good to speak with you this morning. I've attached a notification that we are starting the field work associated with this EA. We committed to notify First Nations when we are starting field work. Included in the notification is a summary of the different types of field work that we will be conducting.

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

Warm regards,
Darren



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Ava Hill,
Six Nations of the Grand River
P.O. Box. 5000
1695 Chiefswood Road,
Ohsweken, ON N0A 1M0

Dear Chief Hill,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Joanne Thomas, Consultation Supervisor

Leslie Galloway

From: Frank Kielbowich
Sent: Friday, June 1, 2018 8:41 AM
To: Kevin Kehl
Cc: Darren Fry; Info@walkerea.com
Subject: Re: RoC - Six Nations

Yes, I echo Kevin's comments. Thank you Darren.

We had an amazing meeting yesterday. Very good for us!

Good team work made this possible

Frank

Sent from my iPad

On Jun 1, 2018, at 8:32 AM, Kevin Kehl <KKehl@walkerind.com> wrote:

Thanks very much Darren for taking the notes.

Kevin Kehl
Project Manager
Walker Aggregates Inc.

From: Darren Fry
Sent: Friday, June 1, 2018 7:52 AM
To: Info@walkerea.com; Kevin Kehl; Frank Kielbowich
Subject: RoC - Six Nations

All – my notes for yesterday's meeting.

Meeting with Six Nations Consultation & Accommodation Committee

May 31, 2018

Six Nations

Attended: D. Fry, K. Kehl, F. Kielbowich (WEG/WAI)

SN Attendees: Lonnie Bomberry, Phil Monture, Dawn Laforme, Paul General, Matt Jocko, Whelan (sp?)

Agenda:

- SWLF EA Update

- [REDACTED]

- [REDACTED]

SWLF

1. Provided update on status of EA
2. Stated EA studies were underway
3. Offered tour/site visits or if SN had monitors that would be interested in participating
 - a. PM stated he had been on tours before, Walker has been open in dialogue

Leslie Galloway

From: Darren Fry
Sent: Wednesday, September 19, 2018 3:47 PM
To: Joanne Thomas (jthomas@sixnations.ca)
Subject: Walker

Hi Joanne,

Sorry our call was cut off – I think there is an issue with our phones.

It was so nice to chat today and I'm happy to hear that you're healing after the ordeal you've been through – wow!

As we discussed, we are preparing to do some archeology on the Southwestern Landfill project in the coming weeks as [REDACTED]. We committed to make sure to let you know when the work was happening so you could have field monitors attend if available. Feel free to send me the agreement and we'll get the paperwork in-place asap.

[REDACTED]
[REDACTED]
[REDACTED]

Speak soon,
Darren

Emily Sykes

From: Joanne Thomas <jthomas@sixnations.ca>
Sent: Thursday, May 30, 2019 3:58 PM
To: Emily Sykes
Cc: Darren Fry
Subject: RE: FLR monitor Friday May 31st

CAUTION: This message came from outside of the Walker Industries mail system. Use caution when opening attachments, clicking links or responding to requests for information.

Hi Emily,

I'm sorry but I cannot send out a monitor without a signed agreement in place. So I will not be sending anyone out tomorrow.

Should you know of any archaeology being done in the future, please give me a weeks notice to have the monitor agreement send to you for signature. At this time I cannot provide the agreement with knowledge of the start of archaeology being done at Southwest Landfill.

Six Nations of the Grand River considers this a lack of consultation on the part of Walker and the Southwest Landfill.

Thanks.

JT

Joanne Thomas

Consulltation Supervisor
Six Nations of the Grand River
Phone: 519-753-0665
Fax: 519-753-3449
Email: jthomas@sixnations.ca

From: Emily Sykes [mailto:ESykes@walkerind.com]
Sent: May 30, 2019 3:48 PM
To: Joanne Thomas <jthomas@sixnations.ca>
Cc: Darren Fry <DFry@walkerind.com>
Subject: FLR monitor Friday May 31st

Good Afternoon Joanne,

I hope you are having a wonderful afternoon. My name is Emily, and I am the Community Engagement Coordinator for the Southwestern Landfill EA. I joined the team in November 2018, and have scheduled the monitors for the

archaeology field work. My sincere apologies as I have not contacted you and informed you about the archaeology field work this week.

I just talked with Darren and I would like to inform you that we have a day of archaeology work tomorrow, as well as possible upcoming archaeology work (pending findings from the last 2 days). We do not have an agreement in place for monitors, but Darren has insisted that we would be able to sign and fulfill the contract if you chose to send a monitor tomorrow morning.

I apologize for the very short notice. If you are able to send a monitor to our office tomorrow morning at 7:30am for safety training we will have them ready to join the archaeology crew at 8am. We understand if the notice is too short to send a monitor tomorrow morning, but please sent over a contract either way and we will get it signed and ready to go in the event there is more archaeology work in the coming weeks.

I will give you an update tomorrow about what activities were conducted this week and any findings.

My sincere apologies for this short notice.

Regards,

Emily

Emily Sykes

Community Engagement Coordinator

T: 905-680-3653
C: 519-831-4627
Toll free: 866-694-9360
www.walkerind.com



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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.

- b. **ACTION** - DL indicated that WEG notify SN (her) once archeology is scheduled and they will see if they have monitors available
- 4. Discussed general concerns about groundwater
 - a. WEG illustrated liner & contingency concepts and that groundwater is being studying intensively
 - b. No follow action required.
- 5. Would like to discuss End-Use concepts (naturalization, environmental, etc) at a later date.
- 6. No further actions/concerns.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

Closing remarks – it as agreed by all that we should convene in the near future to discuss SN input/participation re: end-use opportunities for Walker projects.

End.

Vol IV Appendix I-10

Indigenous Communities Correspondence

Walpole Island First Nation (Walpole)

March 29, 2016

Chief Daniel Miskokomon
Walpole Island First Nation
R.R. #3
Wallaceburg, Ontario N8A 4K9

Dear Chief Miskokomon,

RE: Southwestern Landfill Proposal Terms of Reference is Approved by the MOECC

This letter is to inform you that the Terms of Reference for the Southwestern Landfill Proposal (“the Proposal”) undertaken by Walker Environmental was approved by the Ministry of Environment and Climate Change (“Ministry”) on March 18, 2016. The Terms of Reference was developed in consultation with First Nations and stakeholders, and was submitted to the Ministry in May 2014.

The approval of the Terms of Reference is one step in the overall Environmental Assessment (EA) process and does not signal approval of the project. It will take several more years to complete the full Environmental Assessment. The approval confirms is that there is a rationale for the project and that a robust framework is in place to guide the next phase of the EA process.

About the Southwestern Landfill Proposal

Walker Environmental Group (WEG) has initiated a study to expand its waste management business into Oxford County with the Southwestern Landfill Proposal. The Proposal seeks to develop a modern landfill in a mined quarry in the Township of Zorra. If approved, the site will receive solid non-hazardous waste generated in the Province of Ontario. The proposed site will have an estimated total waste volume of about 17 million cubic metres over a planning period of about 20 years.

Next Steps in the EA Process

The *Environmental Assessment Act* has two key phases; the Terms of Reference and the Environmental Assessment (EA). With the Terms of Reference now approved, we move onto the EA Phase. The EA Phase is where the technical and scientific studies occur. The steps of the EA Phase are described in the attached “Community Exchange” newsletter.

The first step in the EA Phase is the Notice of Commencement, which signals the official start of the Phase. The Notice will be sent to you in the mail when it is issued, and it will also appear on our website and in newspapers local to Oxford County.

We acknowledge that First Peoples have unique rights, perspectives, cultures and insight that will be respected as we engage and consult. We are open to working within consultation protocols or processes specific to your community, and would appreciate the opportunity to discuss these with you.

We would be happy to meet at your convenience to discuss the Notice of Approval, as well as consultation moving forward. Please contact our Consultation Manager, Becky Oehler, with any questions or to set up a meeting.

Please find attached the Notice of Approval and accompanying letter from the Ministry, as well as the "Community Exchange" newsletter.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Darren Fry', with a long horizontal stroke extending to the right.

Darren Fry
Project Director Southwestern Landfill
dfry@walkerind.com
905-680-3783

CC: Jared Macbeth, *Project Review Manager*



June 28, 2017

Via: Email

Dean Jacobs
Consultation Manager
Walpole Island Heritage Centre
R.R.3
Wallaceburg ON N8A 4K9

Dear Mr. Jacobs:

**Re: Review of Walker Environmental Group
Landfill Environmental Assessment
Environmental Work Plans
Project No.: 300033651.2000**

Neegan Burnside Ltd. (Neegan Burnside) was retained by Walpole Island First Nation (WIFN) to provide advice on environmental issues regarding the Walker Environmental Limited Southwestern Landfill Proposal. The scope of work for this assessment involved a review of updated Work Plans and Alternative Means Reports posted on the Walker EA website¹.

In 2013, Neegan Burnside reviewed Draft Work Plans and presented the results in our letter report dated October 23, 2013. Background assessment to support this review included a site visit and a workshop. A comment/response table dated April 2, 2014 was provided by Walker which outlined how our comments would be addressed in the final documents. In a letter dated June 2, 2014, Neegan Burnside accepted this table on

At this time, we have no comments on the disposition table. It should be noted that many of our comments involved data collection which should be included in the detailed field studies. To date, we understand the field studies have not been developed. We will be looking for the detailed field study methodology to confirm that the disposition comments are considered when the methodology is developed.

This review focuses on changes since our original 2013 review considering how the 2014 Comment/Response table has been addressed, and looking at the overall project to date. Consistent with the original 2013 review, this review focuses on:

¹ <http://www.walkerea.com/en/index.asp>

- Air Quality Work Plan
- Ecology Work Plan
- Groundwater and Surface Water Work Plan
- Cultural Heritage – focusing on ecological history only
- Economic – focusing on job potential for FN
- Social – focusing on FN accommodation
- Noise and Vibration – focusing on ecological effects of blasting (if relevant)

Consistent with our original review, the following workplans were not reviewed:

- Agriculture
- Traffic
- Visual Impacts

1.0 Work Plans

Our review of the Work Plans is presented in the sections which follow:

1.1 Ecology

With respect to the Updated Draft Ecology Work Plan, we have the following comments:

- Section 2 (a) states the objective of the project is as follows: “Describe the environment potentially affected by the proposed undertaking, including both the existing environment as well as the environment that would otherwise be likely to exist in the future without the proposed undertaking”. We found this sentence a bit confusing and suggest that it should be clearer.
- On Table 3: *the Primary EA Criteria and Associated Duration*, wildlife effects are not considered for the terrestrial environment beyond “vermin”. Is there not potential for noise and traffic and other factors to affect wildlife species and communities both directly (road mortality) and indirectly?
- On Table 5: *Range and Relevance of Potential Change for Terrestrial and Aquatic Ecology* it should be indicated what area of Provincially Significant Wetland loss is “potentially meaningful” or that any loss of PSW is “potentially meaningful”
- On Table 5: *Range and Relevance of Potential Change for Terrestrial and Aquatic Ecology*, it is indicated that significant area loss of woodland “area” will be determined by planning authority. This should be revised.
- Section 7.1 should indicated the Indigenous groups will be consulted for natural heritage information

1.2 Air Quality

Responses to our previous comments on this work plan were provided and are acceptable.

Section 5.2 gives an impression that the landfill gas collection system is the only stationary source at the site. If this is the case, it should be clearly indicated in the work plan.

- Typographical/formatting errors:
 - a) Current work plan refers to Figure 1: Proposed Southwestern Landfill, which is not included in the document. Figure 1 should be added to the work plan.
 - b) Criterion of $690 \mu\text{g}/\text{m}^3$ in Table 6.2.1.1 applies to 1-Hour SO_2 only. This table should be fixed to match Table 6.2.2.2.

1.3 Economic

We have no issues with the work plan at this time.

1.4 Groundwater and Surface Water

We reviewed the Southwestern Landfill Proposal Environmental Assessment - Groundwater/Surface Water Assessment - Work Plan; dated February 8, 2017. We noted that there had been additions to the Work Plan since the last version (May 15, 2013). We have no concerns with the new material. However, we note the following:

Appendix B Disposition Table – Comments on the Preliminary Work Plan

The table layout has columns for the October 2013 Neegan Burnside comments, the April 2014 Walker Environmental Group (WEG) responses, and February 2017 “How Addressed in Updated Work Plan”. Only two of the 2013 Neegan Burnside (NB) comments were included in this table (Comments #1 and #2 from our October 23, 2013 letter). It was indicated in a call from WEG that the remaining comments were not included in the table because there was no need to respond to them as they were already addressed. We disagree with this statement for 2 reasons:

1. The manner in which some of these comments were addressed was to indicate future work would be carried out. How can we be assured that this work will be undertaken if it is left out of the latest version of the response table?
2. For tracking and traceability purposes, it is important that all comments be tracked. Even if a proponent disagrees with a comment it does not mean it should be dropped from the official record.

All of the Neegan Burnside 2013 comments should be included in the latest version of the Work Plan. As we view this as a critical element in our review, we have included the 2014 comment response table with our disposition.

NB Comment on Work Plan – May 15, 2013 version (NB letter October 23, 2013)	Response during ToR Phase	Response / How Addressed in Updated Work Plan	NB Comment on Work Plan (February 8, 2017 version)
<p>1. Page 1, the Work Plan references Figure 1 for the proposed site location. There is no Figure listed in Table of Contents or attached to the Groundwater / Surface Water Assessment Work Plan.</p>	<p>Noted and thank you; we will address this omission in the next draft of the work plans.</p>	<p>The work program has been updated accordingly</p>	<p>Figure is included, and we are satisfied with response.</p>
<p>2. Page 3 Section 3.0, Explosive hazard due to combustible gas is listed as one of the Environmental Criteria. The work plan does not address how this is to be assessed.</p>	<p>You are correct. In modern, engineered landfills subsurface gas is generally contained by the liner system (which this proposed land fill will almost certainly have), and gas pressures are reduced or eliminated by the operation of the gas collection system. As a result, the focus of combustible gas migration assessment is usually limited to confirming a functional liner and gas collection system, and developing appropriate monitoring and contingency systems. All of this falls under the specific directions set out in O. Reg. 232/98 (Landfill Standards), Section 14. During the updating of the work plans, we will direct our consultants to elaborate on this aspect of their assessment, for completeness.</p>	<p>The work program has been updated accordingly</p>	<p>Satisfied with response.</p>
<p>3. Page 3 Section 3.0, Loss/displacement of surface water resources is listed as one of</p>	<p>Loss/displacement is straightforward - it relates to the direct removal or diversion of a surface water feature as a result of</p>	<p>Not included in disposition table. Please revised disposition table to include</p>	<p>The definition refers to “direct removal or diversion”. Will it include</p>

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<p>the Environmental Criteria. The work plan does not address how this is to be assessed. The work plan outlines steps to delineate the drainage network, review background data (if available), and collect water samples and measure flow on the Thames River. It does not specify how this information is to be used to address this issue or the related issues of Effects on stream baseflow quantity/quality or Loss/disturbance of aquatic ecosystems that are to receive key input from the groundwater/surface water work plan.</p>	<p>the construction or operation of the landfill. Section 8.0 of the Golder preliminary work plan does indicate how the data will be analysed to address the potential effects on both surface water and groundwater resources. It discusses modeling both with and without the proposed landfill as one of the key tools. It notes that one of the purposes of the analyses will be to predict the changes in surface water quality and quantity as a result of the land fill and its related discharges; this is some of the information that will be shared with the ecologists for the purposes of assessing any related impacts on aquatic ecology.</p>	<p>comments.</p>	<p>degradation or change of function?</p>
<p>4. Page 8-9 Section 5.0 lists the Associated Study Areas for each EA Criteria. "The site vicinity also includes ... where the groundwater may potentially be drawn down to <u>below original water levels</u>, due to existing and proposed activities at the site (i.e. quarrying)." a. It is not clear from the GW/SW Work Plan what activity would be responsible for drawing water levels down (for example, past, current, or future quarry dewatering). How will original water levels be established?</p>	<p>In accordance with the proposed EA methodology (see ToR, Section 8.2), <u>the existing and future baseline conditions will be determined - in this case it will include the current and forecast quarry drawdown conditions</u>. The original groundwater levels and any past drawdown conditions may also be noted for interest or context, but are not necessarily relevant unless they have some bearing on the any future effects of the proposed landfill.</p>	<p>Not included in disposition table. Please revise disposition table to include comments.</p>	<p>Satisfied with response. We note that the work plan refers to "original water levels" as the baseline while the response refers to "existing". To avoid confusion, we suggest consistency in wording.</p>

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<p>5. Page 13 Section 7.2, Field Data Collections states that groundwater field data will include "Install monitoring wells in the bedrock and overburden to characterize existing groundwater quality and groundwater levels at representative up-gradient and down-gradient locations". The surface field data will include "field monitoring plan will characterize surface water flow and water quality". These field activities seem focused specifically on either groundwater or surface water. There is no mention of field data collection specific to groundwater-surface water interaction or how this interface is to be identified and assessed.</p>	<p>Section 7.2 of the Golder preliminary work plan makes several references to data collected for this purpose, including: the delineation of groundwater discharge and recharge areas and receiving water bodies (p. 13); the assessment of both horizontal and vertical gradients from the groundwater monitoring data (p. 14); and field characterization of base flow conditions in areas potentially affected by groundwater levels or where there may be related effects on fish and aquatic habitat (p. 14). These aspects of the work plan can be further refined and expanded during the EA once the preferred alternatives and facility characteristics have been established²(i.e., more site -specific), and in further consultation with government agencies, Aboriginal Communities and interested members of the public.</p>	<p>Not included in disposition table. Please revise disposition table to include comments. Changes will be needed because the preferred alternatives have now been selected.</p>	<p>The work plan has been revised to mention groundwater-surface water interaction (pg 15).</p> <p>The preferred alternatives have now been selected and we suggest that the proponent should be able to provide a map showing the sampling locations.</p>
<p>6. Page 15 Section 8.0 states "A key aspect of the baseline hydrogeological assessment will be its integration with the hydrological component, ensuring effective assessment of overall water balance conditions and evaluation of the landfill water</p>	<p>See our response to comment 5 above.</p>	<p>See above.</p>	<p>See comment above</p>

² Emphasis added.

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<p>discharge". This could be an important aspect to the study and it is not clear how this will be achieved without specific groundwater-surface water interface field data.</p>			
<p>7. Page 13-14 Section 7.2 states water levels will be manually measured quarterly, pressure transducers in key locations will record groundwater levels, groundwater and surface water samples will be collected quarterly, and surface water flow measurement will be made. There is no indication how long this monitoring routine is to be maintained.</p>	<p>In Section 7.2, p. 14 of the Golder preliminary work plan there is reference to establishing the seasonal variations in groundwater quality, but the same approach will also be applied to all of the groundwater and surface water monitoring - that is, the initial target is one complete year of monitoring data in order to reflect the seasonality. The location and number of monitoring stations will depend on the facility characteristics. Those will be developed after the preferred alternatives are selected.</p>	<p>Not included in disposition table. Please revise disposition table to include comments. Changes will be needed because the preferred alternatives have now been selected.</p>	<p>The preferred alternatives have now been selected and we suggest that the proponent should be able to provide a map showing the sampling locations.</p>
<p>8. Page 14 Section 7.2 states "The field monitoring plan will characterize surface water flow and water quality, including background surface water quality and baseline conditions on site and on the Thames River downstream of the site, utilizing existing sampling locations". There is no indication of how many sampling locations currently exist or where</p>	<p>We do not yet have a complete understanding of the existing monitoring networks and datasets that are available from various parties (e.g., quarry operators, conservation authority, MOE, and possibly others). One of the first tasks identified in Section 7.1 Background Data Collection in the Golder preliminary work plan is to compile all of the existing data and</p>	<p>Not included in disposition table. Please revise disposition table to include comments. Changes will be needed because the preferred alternatives have now been selected.</p>	<p>The preferred alternatives have now been selected and we suggest that the proponent should be able to provide a map showing the sampling locations.</p>

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<p>they are located. Will new stations be added if surface water features not currently monitored are identified during mapping and site reconnaissance?</p>	<p>analyse it to help scope the necessary field investigations for this EA. The location and number of monitoring stations will depend on the facility characteristics. Those will be developed after the preferred alternatives are selected.</p>		
<p>9. With respect to the stormwater management section of the Work Plan, the basics have been covered, with respect to modeling and design for flood control, erosion control and quality control. The plan makes mention of potential need for engineered stormwater management measures/facilities, but doesn't go into detail, which is likely sufficient at this stage . The proponents should mention the 2003 MOE Stormwater Management Planning and Design Manual. The workplan does not mention surface water conveyance (sewers, culverts, swales, etc.), which should be included.</p>	<p>Noted, thank you. Because this is a landfill site, the stormwater management design is dictated by the requirements of O. Reg. 232/98, Section 13, and the associated Landfill Standards Guideline, Section 4.2. It makes specific reference to ditches, sewers and other drainage conveyances.</p>	<p>Not included in disposition table. Please revise disposition table to include comments.</p>	<p>Satisfied with response</p>
<p>10. Inadvertently repeated from 7 above</p>			<p>Can be deleted</p>
<p>11. Inadvertently repeated from 8</p>			<p>Can be deleted</p>

NB Comment on Work Plan – May 15, 2013 version (NB letter October 23, 2013)	Response during ToR Phase	Response / How Addressed in Updated Work Plan	NB Comment on Work Plan (February 8, 2017 version)
above			
<p>12. Given the fact that the site will be on or near fractured bedrock, we are concerned about the proponent's ability to fully define the site conditions. It should be noted that as the project moves forward, we would expect the site conditions to be fully defined and understood.</p>	<p>Noted. It is our intention to fully define and understand the conditions of the site and the work plans will be further developed in order to address the facility characteristics and the comments that have been made on the draft work plans.</p>	<p>Not included in disposition table. Please revise disposition table to include comments. Will need to be updated as we understand work plans are near finalization.</p>	<p>The work plan has been revised to mention karst studies, and joint and bedding mapping (pg. 15). Neegan Burnside would like an opportunity to review additional study scope details when those are developed</p>
<p>13. It is not clear how the Source water protection mapping developed by others will be assessed.</p>	<p>We have already reviewed the source water protection studies with the UTRCA and source water protection program staff on several occasions, and discussed their possible implications for the proposed landfill. Although it has always been our intention to make use of the source water plan as a critical background and reference study, we have extended that commitment through an Addendum to the ToR to specifically identify, recognize and determine the potential effects on Wellhead Protection Areas, Significant Groundwater Recharge Areas and Highly Vulnerable</p>	<p>Not included in disposition table. Please revise disposition table to include comments.</p>	<p>Satisfied with response.</p>

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	Aquifers.		
14. Although it is recognised that the leachate management technology has not been selected, we request some direction on the technologies which will be considered.	Table 2 in Section 7.2 of the ToR details the categories of alternative methods to be considered in the EA, and identifies that the alternatives for leachate treatment will include, but not necessarily be limited to, sewer discharge and on-site treatment. Other possible alternatives, and specific treatment technologies, are proposed to be developed and assessed during the EA.	Not included in disposition table. Please revise disposition table to include comments.	Satisfied with response.
15. It is not clear how climate change (extreme weather events, groundwater level changes, surface water - Thames River - changes, leachate management) will be addressed in the work plan. How will leachate be managed if quantities change significantly?	Contingency plans will be developed as part of the Design & Operations Plan for the proposed landfill, for submission under the Environmental Protection Act application referenced in Section 12 of the ToR. The Landfill Standards Guide line under O. Reg. 232/98 identifies the requirement for contingencies to deal with leachate and landfill gas, along with the required financial assurances, and notes that "Contingency plans involve unexpected events, both with respect to if and when something may occur, as well as the nature of the event." (p. 77).	Not included in disposition table. Please revise disposition table to include comments.	Satisfied with response.

1.5 Social

Section 7.2.8 identifies limits for discussions with Indigenous communities (e.g. up to a maximum of 5 interviews with First Nation communities). It should be made clear that this refers to socio-economic research and does not pertain to actual consultation-related meetings and discussions. There should be no pre-determined limit on the amount of consultation that will be undertaken. Consultation should be carried out until concerns are resolved.

1.6 Noise and Vibration

Responses to our previous comments on this work plan were provided and are acceptable.

- Typographical/formatting errors:
 - a) Current work plan refers to Figure 1: Proposed Southwestern Landfill, which was not included in the document. Figure 1 should be added to the work plan.

1.7 Cumulative Effects Assessment Work Plan

We have concerns regarding the plan to include cumulative effects in each individual report rather than in a separate Cumulative Effects Assessment Report. A separate report would provide greater clarity as to the methodology and findings and overall effects of the project as a whole. If the proponent chooses to continue to address cumulative effects separately, each individual report should have a separate section which clearly describes how cumulative effects were assessed, what impacts were identified and what mitigation is proposed.

2.0 Review of Alternative Means Report

Neegan Burnside reviewed the Interim Alternative Means Report (January 3, 2017). The report outlined the preferred alternative for landfill development which is as follows:

- Locating the landfill footprint within the current active quarry area
- Keeping the landfill as deep in the quarry as possible (deep landfill design), allowing for adequate above grade slopes
- Using MOECC Regulatory Standards Generic Design 2 for landfill lining
- Construction and usage of an on-site treatment plant for leachate
- Collection of landfill gas, with flaring during the initial stages of landfill development with the ability to produce energy when landfill gas quantities are sufficient and stable
- Truck haulage from Highway 401 north on County Road 6, west and south around the quarry to an entrance at the northwest corner of the landfill

Our comments on this alternative are as follows:

The decision for a deep landfill design has not been adequately supported within the document. Using the deep landfill design, the base of the landfill may be well below the water table once active quarry dewatering stops. This does not appear to have been considered in the

evaluation. There is no discussion of whether the landfill concept involves ongoing dewatering during operation and post-closure. Without this being considered, we are not convinced that the deep landfill design is more protective of the environment than the conventional or above grade design.

Along the same lines, the report concludes that the MOECC Generic Design Option II Double Composite Liner is a component of the preferred alternative. The Landfill Standards indicate that a 1 m attenuation layer over the aquifer is part of the concept. We do not believe a 1 m attenuation layer over the aquifer is possible, given that the water table will be elevated once the dewatering stops. Additionally, generic design II may not be appropriate for an inward hydraulic gradient design. We suggest that additional information is needed to verify that this option is actually feasible.

There is very little mention of stormwater management in the report. We suggest that concepts for stormwater management, both during construction and post closure should be included.

The report should state the assumptions for the landfill design. The reader is forced to refer to Supporting Document No 3, Attachment 3 of the Approved Amended Terms of Reference for background information. This supporting document was not located on the EA website (however, we were able to locate the Facility Characteristics Assumption report which explained a lot of the assumptions). The Alternative Means report states that the landfill will be a minimum of 53 ha. Later in the report, it says the site will be a minimum of 44 ha with a generic double composite liner. We assume that the 53 ha includes the buffer and the 44 ha does not, but this should be verified. It is stated with the deep design that the landfill will be 15 m above grade, but the depth below grade is not stated. The maximum average depth is stated, but it is not clear how this translates to maximum thickness, or how deep the existing quarry is.

The report indicates that the estimated leachate production is based on sites of similar size which are operated by Walker. We request some more specifics on these sites. Are the "similar sites" located in similar climatic areas (i.e., precipitation, temperature, winds)? Was any modelling completed to estimate infiltration of precipitation (i.e., HELP model or similar)? We note that the entire top of the proposed site is sloped at 20:1 (there are no 4:1 areas). Were the sites used to assess the leachate quantity also based on sites with the same 20:1 top slope?

We found the assessment fairly generic in nature. In many cases, options are considered not feasible (dropped from further evaluation) for relatively unconvincing reasons. We note the following:

- In several cases the report states certain options are not considered as they are "cost prohibitive". Can it be verified what the cut-off cost is in which an option becomes cost-prohibitive? For instance, the report concludes that moving the hydrators would be cost prohibitive, and therefore that option is not discussed further. The cost to move them is not provided in the report. Although we concur that moving the hydrators is more expensive than not moving, we are not prepared to say that it is cost prohibitive if the evaluation indicates that technically it is a much better alternative. The report indicates that hauling leachate to a treatment plant located out of the Municipality is cost prohibitive, but it is not clear which site they have considered in the evaluation. It should be noted that we don't necessarily disagree with the recommendation for an on-site leachate treatment plant, but we do suggest that the process is not fully transparent as many options are literally dropped from further evaluation. Ideally, we would like to see some of the options carried forward to

the assessment stage, to ensure that if the landfill does proceed, the preferred alternative is fully protective of the environment.

- The single liner option is dropped because the area required would be “too large” if this option is used. But the size of the site was determined by the proponent prior to this option being assessed. Would it not be possible to use multiple areas on site to achieve this design if it was determined that the design was preferable and more protective through the EA process? It should be noted that generally we agree with a double liner, but feel that the process is not fully transparent, and perhaps a site specific liner may be more protective of the environment or better suited for the site.
- The west to east orientation is removed from the assessment because it is too small, but it is not clear why the west-east configuration would be completely removed. Could the landfill not be developed in an L shape with the majority of the development to the west to east and the remainder to the north to south if this was deemed to be more protective of the environment?

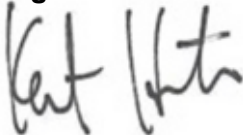
We do have concern with dropping so many options before the field studies have even been started. Is the proponent really certain that they are proceeding with the best option at this time?

In several cases, it is mentioned that the site will be returned to agricultural uses following landfill closure. It is not clear if this is a requirement of approval. Although it is admirable to set these high standards, we feel that stating this as a fact without any context may be a bit misleading. Furthermore, the landfill will continue to generate leachate and gas for considerable time after closure. A reader not familiar with landfill life may be under the impression that immediately upon closure the site will be farmland again. What about the leachate treatment plant, landfill gas facilities, stormwater ponds, monitoring locations (wells), site roads, etc? We suggest that additional discussion is needed regarding realistic expectations before the site can be returned to agricultural uses. Perhaps a time frame should be included?

If you have any questions or concerns, please do not hesitate to contact the undersigned.

Yours truly,

Neegan Burnside Ltd.



Kent Hunter, P.Eng.
Senior Project Engineer
KH:

cc: Janet Macbeth, WIFN (Via: Email)
Darren Fry, Walker Environmental Limited (Via: Email)

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RE: Walker Review

Darren Fry

Sent: Thursday, June 29, 2017 7:16 AM

To: Kent Hunter [Kent.Hunter@rjburnside.com]; Dean Jacobs [Dean.Jacobs@wifn.org]

Cc: Janet Macbeth [Janet.Macbeth@wifn.org]; Joy Rutherford [Joy.Rutherford@rjburnside.com]

Thanks Kent.

Dean/Janet – we'll review the comments and provide responses in the disposition attached. I'll contact you shortly to review our responses and if there are any outstanding issues.

Regards,
Darren

From: Kent Hunter [mailto:Kent.Hunter@rjburnside.com]

Sent: Wednesday, June 28, 2017 4:14 PM

To: Dean Jacobs <Dean.Jacobs@wifn.org>; Darren Fry <DFry@walkerind.com>

Cc: Janet Macbeth <Janet.Macbeth@wifn.org>; Joy Rutherford <Joy.Rutherford@rjburnside.com>

Subject: Walker Review

Hi

As discussed with WIFN, our review of the latest submission from Walker is attached.

Thanks

Kent

NEEGAN BURNSIDE

Kent Hunter, P.Eng.
Senior Project Engineer

Neegan Burnside Limited

Office: 800-265-9662 **Direct:** 289-730-1018 **Cell:** 905-960-3323

Kent.hunter@neeganburnside.com

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Thank you.



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

Via email

September 19, 2017

Mr. Dean Jacob

Consultation Manager, Walpole Island First Nation
117 Tahgahoning Road, R.R. #3
Wallaceburg, ON, N8A 4K9

Dear Dr. Dean Jacob:

During the preparation of the Terms of Reference (ToR) for the Southwestern Landfill Environmental Assessment (EA), we made specific commitments to notify certain stakeholders and First Nations of the field work schedules for this EA. In the Addenda to the ToR, item #1 (i), we made the following commitment to *“Notify the respective technical experts of the Ministry of Environment and Climate Change Technical Review Team (TRT), Ministry of Natural Resources and Forestry (MNR), Upper Thames River Conservation Authority (UTRCA), the Joint Municipal Coordinating Committee Peer Review Team (JMCC PRT) and Aboriginal Community representatives, of the field work schedules so that they may arrange with Walker Environmental Group (WEG) to observe if it is reasonable and safe to do so.”*

I am writing to notify you that our consultants are commencing the field work associated with this EA. Attached is a summary of the field work associated with each study. If you have interest in observing any of the field work, please feel free to contact us at the number below at your earliest convenience. We are happy to provide additional information and to work with if you wish to observe any field work.

Additionally, should you have any questions related to the Southwestern Landfill EA, please contact our office at 905-680-3670 or toll-free at 1-855-392-5537.

Regards,

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

Darren Fry, Project Director



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Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry".

Darren Fry, Project Director

Summary of Field Work by Discipline

Study	Summary of Field Work
Agriculture	<p>Mapping the land use to determine what is agricultural and what is non-agricultural, as well as describing the type of agricultural land/use.</p> <p>Talking with/surveying agricultural land owners and interested agricultural stakeholder groups.</p>
Air Quality	<p>Site visit to examine the proposed landfill location and surrounding area (topography), and to determine common receptor locations (receptor locations that will be used across different studies; developed in consultation with consultants from other studies).</p> <p>Air quality sampling will take place to fill in any gaps in data that currently exist (ie. existing data from Carmeuse, MOECC). Existence of gaps will be determined during the background information review before field work starts.</p>
Archeology	<p>Data collection through walking the lands. Fields are walked at a fixed interval of no more than 5 meters between transects.</p> <ul style="list-style-type: none"> • In ploughed areas, the surface of the ground is examined for artifacts that have been turned up due to agricultural practices. If an artifact is found, there will be an intensified 2 meter transect survey in a 30 m radius. • In unploughed areas, test pits measuring (30 cm diameter, 5 cm deep into subsoil) are dug and the soil is screened (6 mm wire mesh) for artifacts. If an artifact is found, the survey is intensified in the immediate vicinity, including a minimum of a 1 meter test pit placed over the original artifact location and 8 additional test pits in a radius of 2 m. • Any located artifacts are mapped using GPS and collected for analysis.
Cultural Heritage	<p>Field work to create an inventory of buildings and landscapes cultural value, which includes written observations, photographs, and supplemental historical research. Built heritage resources may include farmhouses, barns, silos, places of worship, dwellings, stores, cemeteries and above ground ruins. Cultural heritage landscapes may include roadscares, farm complexes, agricultural lands, waterscapes, quarries, and railway rights-of-way.</p>
Ecology	<p>In general, field work will including looking for species, but also looking at the types of habitat that are present in the area to identify what types of species are likely to live there, whether they are seen or not.</p> <p>For the criteria “Loss or Disturbance to Aquatic Life”: Annual (Spring or late Fall) sampling of benthic invertebrates and semi-annual (Spring and Fall) sampling of the fish community, with attention to Species at Risk, both upstream and downstream of the proposed landfill site.</p>

	<p>For the criteria “Loss or Disturbance to Terrestrial Ecosystems”: Field data will be collected throughout the seasons, including ecological land classification and floral surveys, species at risk/rare species survey, breeding bird surveys, amphibian visual and auditory surveys, winter wildlife use observations, and landscape connectivity using aerial photography and verified with a field inspection.</p> <p>For the criteria “Disease Transmission via Insects or Vermin”: Assessed by identifying the primary vectors (types of insects/vermin that are present) and the likelihood of disease transmission based on the information available from the aquatic and terrestrial surveys.</p> <p>For the criteria “Aviation Impacts due to Gull Interference” (increased risk of bird strikes): Assessed using the Airport Bird Risk Assessment Process.</p>
Economic	Face-to-face or telephone interviews with nearby businesses.
	Local resident/property owner questionnaire distribution and interviews (in collaboration with social study) to understand potential impacts to property values nearby.
	General visit of the area to note current conditions and changing circumstances, including noting real estate listings and property sales.
	<p>Key stakeholder interviews:</p> <ul style="list-style-type: none"> • Municipal Officials (in collaboration with social study) • Business Associations • Chambers of Commerce • Tourist Associations/Groups (in collaboration with social study) • Ministry of Agriculture Officials (in collaboration with social study) • Local Agriculture Associations/Groups (in collaboration with social study) • Real Estate Representatives and Associations
Groundwater & Surface Water	Boreholes/monitoring wells will be drilled to characterize the groundwater quality, quantity, and flow direction/speed. Samples will be taken quarterly to detect variations due to seasons.
	The exposed bedrock (ie. quarry walls) will be mapped for rock characteristics, joint and bedding plane occurrence (frequency, pattern and orientation), and evidence of karst features.
	An inventory will be created of surface water uses from municipal, conservation authority, and MOECC records, supplemented by field inspection of surface water uses at key locations.
	The surface water flow and quality will be characterized by field measurements and samples (4 seasons) both upstream and downstream of the proposed landfill site. Includes locations in the Thames River and tributary streams that feed into the river.
Health	N/A – uses data collected from other studies.
Noise	Identification of noise-sensitive receptors within 5 km of the site through background research as well as a site visit to adjacent neighbourhoods. Noise associated with trucking on the haul route will also be considered when identifying noise-sensitive receptors.
	Noise levels from Carmeuse operations will be measured at the property boundary (20 minute measurements)
	Noise levels from specific pieces of Carmeuse equipment will be measured (ie. crushers, screening plants, haul trucks, rock drills, etc.).

<p>Social</p>	<p>Kitchen Table/Small Group Meetings – held with groups of nearby residents. There will be two rounds of face-to-face discussions, each with a different focus:</p> <p>a) At the start of the social study:</p> <ul style="list-style-type: none"> • Understanding neighbourhood and community-specific issues • Identifying potential effects of the landfill <p>b) After the initial effects assessment has been completed (results from other studies):</p> <ul style="list-style-type: none"> • Feedback on the results of the effects assessment • Comments or suggestions on ways to mitigate effects <p>These meetings are intended for the nearest neighbours to the proposed landfill, including:</p> <ul style="list-style-type: none"> • Residents living near Dunn’s Corners (intersection of 66 Road and Townline Rd) • Ingersoll residents living in the neighbourhood nearest the proposed landfill (northeastern Ingersoll) • Beachville residents living in the neighbourhood nearest the proposed landfill (northwestern Beachville) • Centreville residents
	<p>Local Resident Questionnaire – a survey provided to residents in Centreville, Beachville (extending toward Woodstock), and Ingersoll. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The questionnaire will include questions with these objectives:</p> <ul style="list-style-type: none"> • Understand current attitudes toward the quarry site and proposed landfill • Identify how residential/farm owners currently use and enjoy their property (personal or business) and how these might change as a result of the proposed landfill • Understand how satisfied respondents are with living in their neighbourhoods and how the proposed landfill might affect their level of satisfaction • Understand how respondents use the primary haul route and how this might change as a result of the proposed landfill • Understand how committed respondents are to living/farming in the immediate vicinity of the proposed landfill • Identify how respondents define their neighbourhood character and how they anticipate this might change as a result of the proposed landfill • Obtain comments/suggestions on ways to mitigate effects of the proposed landfill
	<p>Public Attitude Research – a telephone survey over a broader area (County-wide) of approximately 65 questions, taking less than 20 minutes to answer. The survey will be designed in collaboration with other disciplines seeking information from local residents (ie. agriculture and economic studies). The survey will include questions with these objectives:</p> <ul style="list-style-type: none"> • Identify attitudes of people towards their community including their levels of satisfaction, major community issues and the importance of various public services to the community • Identify community issues that affect people’s personal health, safety and well-being and perceived ratings of their overall feeling of health and sense of well-being

- Identify issues in the community that affect the use and enjoyment of residential property
- Gauge people’s attitudes towards, and perceptions of the Carmeuse site, Walker and the proposed landfill
- Identify the resident behaviour and activities conducted near the proposed landfill site (e.g., hiking trails, parks and conservation areas etc.)
- Examine the potential for effects of the landfill on people’s daily lives and any likely changes in attitudes towards their community or behavioural intentions that may be attributable to the project
- Identify characteristics of the local residents (from length of residence in the community to household demographics) to assess differences in responses by various segments of the population
- Obtain comments or suggestions on ways to mitigate effects of the proposed landfill

Government Agency and Political Leader Interviews – interviews, coordinated with the economic and agricultural studies (where appropriate), will be undertaken with local/regional government representatives in planning and development (community/recreation) as well as Mayors and councilors. Includes:

- County of Oxford
- Township of South West Oxford
- Township of Zorra
- Town of Ingersoll

Facility Operator and Key Stakeholder Interviews – in-person or telephone interviews with several community facility operators and/or other key stakeholders to:

- Help confirm/verify information
- Identify the likelihood of changing behaviours
- Identify potential effects of the proposed landfill on facility operations and any likely changes in operations/attitudes toward the community or behavioral intentions that may be due to the proposed landfill
- Obtain comments or suggestions on ways to mitigate effects of the proposed landfill

Includes key stakeholders such as sports and recreation clubs, community facilities, community groups, Conservation Authority, nearest schools, organizers/operators of community festivals/events, etc.

Day User Recreation Surveys – interviews with people using recreation facilities such as hiking trails and outdoor recreation/conservation areas.

Aboriginal Land Use and Interests Research – Two focus groups with members of the First Nation communities that are located along the Thames River, downstream from the proposed landfill. The objective is to identify and describe land uses, human/ecologically sensitive sites, as well as to collect input into mitigation, management, monitoring, and enhancement measures.

Held at two times:

- At the start of the social study
- After the initial effects assessment has been completed (results from other studies)

Held with two different groups:

- Land users and knowledge holders

b) First Nation Land and Resource Managers or Consultation Officers	
Traffic	<p>Site visit to the preferred haul route to catalogue its characteristics/conditions including:</p> <ul style="list-style-type: none"> • Road characteristics (widths of road and shoulder, intersection configurations, rail crossings, pavement structure, signs/signals, etc). • Potential conflict points with trucks, pedestrians, cyclist, trail users, etc. • Turning and minimum sight distance/visibility deficiencies • Precise length of haul route • Residential/commercial driveways • Sensitive land uses along the route (ie. churches, schools, community centres, etc). <p>Field surveys to record traffic counts and turning movements at key intersections along the haul route. The survey will identify peak periods. Speed surveys will also be carried out.</p>
Visual	<p>Field visits (travelling all community roads and walking trails) to identify viewpoints (places at which the view is taken as a “receptor”) where the site is visible and there is a potential for change as a result of the proposed landfill. The viewpoints will be photographed and described approximately 4 times through the various seasons including winter, which is the predicted worst case scenario, since leaves are off of the trees.</p>

FW: SWLF EA Field Studies Notification

Ashley Van Dinther

Sent: Wednesday, September 20, 2017 12:25 PM

To: Info@walkerea.com

Categories: Printed and put in Binder

Attachments: Notification letter Walpol~1.pdf (238 KB)

From: Ashley Van Dinther

Sent: Wednesday, September 20, 2017 12:26 PM

To: 'dean.jacob@wifn.org' <dean.jacob@wifn.org>

Subject: SWLF EA Field Studies Notification

Hello Dean,

Please see the attached notification of field studies associated with the Southwestern Landfill EA. Early in this environmental assessment, we committed to notify certain stakeholders and First Nations of the commencement of the field study components of this EA. Should there be an interest in observing any elements of the field work.

Please feel free to review the attached notice and let us know if you would like to observe any of the field work. Please feel free to contact me at any time.

Warm regards,

Ashley

Ashley Van Dinther

Administrative Assistant

Strategic Growth

T: 905-680-3670

Toll free: 855-392-5537

www.walkerind.com



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SWLF EA - Finalization of Work Plans

Becky Oehler

Sent: Friday, October 06, 2017 5:01 PM

To: Dean Jacobs [Dean.Jacobs@wifn.org]; Janet Macbeth (janet.macbeth@wifn.org)

Cc: Darren Fry; Joe Tomaino

Categories: Printed and put in Binder

Good afternoon Dean and Janet,

Thank you for your written comment submission on the Updated Draft Work Plans.

This email is to notify you that the technical work plans for the Southwestern Landfill Environmental Assessment have been finalized and are now available on the project website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>. On that webpage, you will also find links to comments provided on the work plans with Walker's responses to comments on the updated work plans, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each [Updated Draft Work Plan](#).

Please note that we anticipate you will distribute to others as appropriate, including Neegan Burnside, who submitted comments on your behalf. If you have any questions, or if you would like a hard copy of any of the work plans or disposition tables, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Warm regards,
Becky Oehler

FW: SWLF EA Field Studies Notification

Darren Fry

Sent: Tuesday, October 31, 2017 4:21 PM
To: Dean Jacobs [Dean.Jacobs@wifn.org]; Janet Macbeth [Janet.Macbeth@wifn.org]
Cc: Kent Hunter [Kent.Hunter@rjburnside.com]; Ashley Van Dinther
Categories: Printed and put in Binder
Attachments: Neegan Burnside-Walpole Re~1.pdf (436 KB)

Dean/Janet – sorry, I forgot to include you on the original email (my apologies).

Thanks,
Darren

From: Darren Fry
Sent: Tuesday, October 31, 2017 4:20 PM
To: 'Kent Hunter' <Kent.Hunter@rjburnside.com>
Cc: Ashley Van Dinther <AVanDinther@walkerind.com>
Subject: RE: SWLF EA Field Studies Notification

Hi Kent, Dean and Janet,

I would first like to confirm Walker's approval of your request to have an ecological representative attend some of the ecological field work as further outlined in your letter below. We will be in touch with you to coordinate schedules.

Second, you have received a copy/link to our responses to comments Walpole submitted on the Updated Work Plans. I would like to schedule a call with you to ensure you are satisfied with the responses and discuss any outstanding issues if required. Kent – I'll contact you later this week to touch base.

Lastly, in addition to comments on the Work Plans, we also received comments from Walpole on the Alternative Methods – Interim Report. These two documents were prepared to solicit early input on key milestones in this EA (they are draft, working documents). We appreciate and have carefully considered your input. I have attached a letter responding to some key themes that were raised. I would also like to schedule a call to review these responses and ensure any outstanding items are addressed.

I look forward to speaking soon and if you have any questions, please feel free to contact me directly.

Miigwetch,
Darren

Darren Fry, A.Sc.T
Project Director- Southwestern Landfill
Strategic Growth

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



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From: Kent Hunter [<mailto:Kent.Hunter@rjburnside.com>]
Sent: Thursday, October 26, 2017 6:45 AM
To: Dean Jacobs <Dean.Jacobs@wifn.org>; Janet Macbeth <Janet.Macbeth@wifn.org>
Cc: Darren Fry <DFry@walkerind.com>
Subject: RE: SWLF EA Field Studies Notification

Please see attached. This has been reviewed and approved by WIFN.
Kent

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If you have received this communication in error please notify the sender at the above email address and delete this email immediately.

Thank you.

From: Dean Jacobs [<mailto:Dean.Jacobs@wifn.org>]
Sent: Wednesday, September 20, 2017 2:05 PM
To: Janet Macbeth; Kent Hunter
Subject: FW: SWLF EA Field Studies Notification

From: Ashley Van Dinther [<mailto:AVanDinther@walkerind.com>]
Sent: Wednesday, September 20, 2017 12:30 PM
To: Dean Jacobs
Subject: SWLF EA Field Studies Notification

Hello Dean,

Please see the attached notification of field studies associated with the Southwestern Landfill EA. Early in this environmental assessment, we committed to notify certain stakeholders and First Nations of the commencement of the field study components of this EA. Should there be an interest in observing any elements of the field work.

Please feel free to review the attached notice and let us know if you would like to observe any of the field work. Please feel free to contact me at any time.

Warm regards,

Ashley

Ashley Van Dinther
Administrative Assistant

October 31, 2017

Kent Hunter, P. Eng.
Neegan Burnside Ltd.
17345 Leslie Street, Suite 200
Newmarket, ON, L3Y 0A4

Dear Mr. Hunter:

**Re: Walker Southwestern Landfill Proposal EA
Peer Review Comments on Behalf of Walpole Island First Nation (June 28, 2017)**

Thank you for forwarding us a copy of your letter to Dean Jacobs of Walpole Island First Nations dated June 28, 2017. We have reviewed it and carefully considered the input you have provided regarding our various technical work programs, as well as additional comments regarding our *Alternative Methods Interim Report* (January 2, 2017).

We are currently finalizing the technical Work Plans incorporating appropriate revisions based on input we received from Walpole, other First Nations and stakeholders. We have prepared tables of point-by-point responses to all of the comments we received on the technical Work Plans and provided you with copies of our responses to your comments. I will be following up and contacting you shortly to discuss any outstanding questions you may have relating to our responses. We have also posted some of the Final Work Plans to our website which can be viewed [here](#).

You also provided comments on the *Alternative Methods Interim Report* which we have examined carefully and noted a number of helpful suggestions for clarifications. We will address these when we incorporate this interim document into the draft EA report, which will be issued for your further review. In the meantime, we wanted to take this early opportunity to respond to a few of the more general concerns that were raised in your comments, and are as follows:

Generic Liner Design

The Carmeuse quarry is certainly well below the natural water table, which is artificially depressed through dewatering to permit dry quarry operations. Given that the quarry still has hundreds of years of reserves, we expect that Carmeuse's dewatering will continue to maintain lowered groundwater levels in this area throughout the operational life of the landfill and beyond. (If not, Walker may need to augment the dewatering during the operational period to facilitate landfill construction, an issue that will be further addressed during the EA studies). Regardless, we can assume that at some time during the landfill post-closure period the water table will recover and the base of the landfill will be below the water table, with either the deep or conventional designs. However, there is no requirement in O. Reg. 232/98 or the Landfill Standards that the generic liner system must be placed above the water table. In fact, from a hydraulic standpoint, a high water table will only improve the function of the liner system since it will result in an inward hydraulic gradient across the liner, rather than outward.

We should also note that the minimum 1 m attenuation layer required for the generic double liner system will extend across the base and up the side-slopes of the landfill to ground surface, so there will be a minimum of 1 m of physical separation from the “aquifer”¹ in all places. In fact, as the design concept has evolved, the attenuation layer below the liner in the base of the quarry will actually be in the range of 5 m to 22 m thick, averaging 15 m thick (*Facility Characteristics Assumptions*, Rev. 2).

We agree with your concluding statement that further information is required to verify that this option is feasible; both the groundwater assessment and the design & operations report prepared during the EA will further confirm the suitability of the design.

Stormwater Management

We agree that stormwater management is an issue that must be addressed, and will be during the EA and in conjunction with the design and operations plan for the landfill in accordance with O. Reg. 232/98. The reason that there is little focus on stormwater management in the *Alternative Methods* report is that adequate stormwater management is required, and could be provided, for all of the design concepts, so it is not a distinguishing factor in selecting among the alternatives (see Appendix B, Table B-1, Criterion #5).

Assumptions

We acknowledge that this report (*Alternative Methods – Interim Report*) is missing some context because it is only one component of the overall EA, a “work-in-progress” piece for early consultation purposes. It will eventually be incorporated within the full context of the draft EA for your further review.

Please note that in Section 4.1.1 of the report, definitions are provided for the *landfill footprint* and the *waste fill area*. The 53 ha referenced in Section 4.1.1 of the report is identified as the minimum *landfill footprint* (i.e., including the buffer area), while the 44 ha referenced in Section 5.1.2 of the report is identified as the minimum *waste fill area* (i.e., without the buffer area).

We also acknowledge that at this early stage in the EA, many of the assumptions such as dimensions, leachate generation rates, etc. are fairly general or conceptual, but adequate for the purposes of comparing and contrasting alternatives. We agree that more detail is required, and will be provided as the design develops further throughout the EA process.

Screening Rationale

Several examples were provided in your comments where the rationale for screening certain alternatives could be better supported. We will attempt to elaborate on the rationale for some of these decisions when we incorporate this work into the draft EA. Based on the work to-date and the feedback received through consultation, though, we are confident that the best alternatives have been selected in each case, although we are also aware that if our further, detailed assessment of these preferred alternatives during the EA should determine that they are not safe or protective of the environment, we

¹ At this point it has not been established whether the overburden or bedrock at Carmeuse’s quarry would even be deemed aquifers, since the municipal water supplies in the area are drawn from much deeper bedrock formations. This is to be addressed further in the EA studies.

do have the option to “circle back” in the EA process and re-examine the alternatives in light of any new information.

End Use

We agree that the end use should not be pre-determined in this EA, and our intent at the moment is to design the landfill in such a way that there could be a variety of end use options available when the landfill nears closure (see *Facility Characteristics Assumptions, Rev. 2, Section 4*). Agricultural rehabilitation is highlighted several times in the *Alternative Methods* report since it is sensitive to slopes, so its potential success would vary between the different design configurations. However, it could be clearer in the report that it is not the only possible end use; this can be addressed in context in the draft EA.

We appreciate your comments and input on the Alternative Methods – Interim Report. We will be carefully considering these early comments, input and perspectives as we continue to conduct and refine this EA.

If you require additional information or would like to discuss any of our response, please do not hesitate to call contact me.

Warm Regards,



Darren Fry, Project Director – SWLF EA

cc. Dean Jacobs, Consultation Manager, Walpole Island First Nation
Janet Macbeth, Project Review Coordinator, Walpole Island First Nation

Southwestern Landfill EA - Follow up from Jan. 15/18 Meeting

Darren Fry

Sent: Tuesday, January 16, 2018 2:44 PM

To: janet.macbeth@wifn.org; Dean.Jacobs@wifn.org; Kent Hunter [Kent.Hunter@rjburnside.com]

Cc: Ashley Van Dinther

Categories: Printed and put in Binder

Hi Janet, Dean and Kent,

Thanks for taking the time to meet with me yesterday. I'd like to follow up from our meeting yesterday and summarize the deliverables/commitments discussed:

Walker to review NeeganBurnside comments on Draft and Updated Work Plans and ensure itemized responses are provided to all comments in disposition table format. I will follow up with Kent once this is complete to review that our responses are acceptable.

Walker to schedule call with Kent to discuss the selected liner design.

Walker to provide a copy of the upcoming Field Work Summary (found [here](#)).

Walker to coordinate Spring ecology field work with Kent and Janet to arrange opportunities to visit the site and participate in field work.

Walpole to issue invoice to Walker for the funding of the technical review of Alternative Methods

Interim Report and Updated Work Plans in accordance with NeegannBurnside letter dated Apr. 28/17.

Walpole to provide Walker letter outlining any funding requests relating to this EA for 2018 (ie. observation/participation if field work).

Walker to set up call/meeting in 2-3 weeks to discuss Gordie Howe bridge construction opportunities.

I think I captured everything but if I did not, please feel free to let me know.

Thanks again for meeting, it's always great to get out to Walpole (I want to come back out this summer when it's a bit warmer and go for a swim!)

Miigwetch,

Darren



A Walker Industries Company

Walker Environmental Group Inc.
160 Carnegie Street
Ingersoll, ON, N5C 4A8
855-392-5537
www.walkerea.com

March 5, 2018

Chief Daniel Miskokomon,
Walpole Island First Nation
117 Tahgahoning Road, R.R. #3
Wallaceburg, ON N8A 4K9

Dear Chief Miskokomon,

Walker Environmental is currently undergoing an Ontario Environmental Assessment process regarding a proposed landfill for non-hazardous waste in Oxford County. We have been engaging regularly with your Nation regarding this project since 2012.

In November 2017, we provided notification that 11 of the 13 technical work plans were finalized. These work plans describe how the landfill proposal is being studied within 12 different disciplines, as well as how cumulative effects will be considered. In November, two of the work plans were not yet complete (Human Health Risk Assessment and Air Quality). These last two work plans are now finalized and available on the project website, www.walkerea.com, under "Learn More About → Technical Work Plans".

On the above webpage, you will also find links to comments provided during the process of finalizing the work plans with Walker's responses, primarily in disposition table format. Comments on previous draft versions of the Work Plans are available in the documents section of the website in Appendix Q of the Terms of Reference Amendment Submission (April 2, 2014), as well as in Appendix B of each Updated Draft Work Plan.

We are mindful of creating waste, so we have not included hard copies of the final technical work plans. However, if you would like a hard copy of any or all of the work plans or disposition tables, we would be happy to courier them to you upon request. If you have any questions, please contact our office toll free at 1-855-392-5537 or email info@walkerea.com.

Regards,

A handwritten signature in blue ink, appearing to read "Darren Fry", is written over a light blue horizontal line.

Darren Fry, Project Director

CC: Dr. Dean Jacobs, Consultation Manager
Janet MacBeth, Project Review Manager

March 6, 2018

Dr. Dean Jacobs
Walpole Island First Nation
117 Tahgahoning Road, R.R. #3
Wallaceburg, ON, N8A 4K9

Dear Dr. Jacobs,

**Re: Walker Southwestern Landfill Proposal EA
Peer Review Comments by Neegan Burnside Ltd. on Behalf of Walpole Island First Nation**

This letter is in follow-up to a recent meeting between Walker Environmental and Walpole Island First Nation regarding the Southwestern Landfill (SWLF) Environmental Assessment (EA). Walpole has submitted peer-review comments of SWLF EA documents, via its consultant Neegan Burnside on two occasions:

- (1) Comments on the Terms of Reference, including the Draft Technical Work Plans (submitted October 23, 2013)
- (2) Comments on the Updated Draft Work Plans and Alternative Methods Interim Report (June 28, 2017)

On both occasions, Walker prepared detailed comment disposition tables, with responses to each comment. In some cases, the question or comment could not be addressed during the Terms of Reference phase due to the need for additional information that was developed during the Environmental Assessment phase. In these instances, those comments were brought forward and included in Appendix A of each work plan, with an updated response.

As a result, the comments and responses are distributed throughout different documents, developed at different times. Walpole Island First Nation requested that all comments and responses be collected into a single package for clarity, which is enclosed. This package includes:

- | | | |
|--|---|---|
| <p>(A) Comment disposition table for comments on the Terms of Reference, including the Draft Technical Work Plans. This includes both:</p> <ol style="list-style-type: none">a. Original Walker Environmental responses from the Terms of Reference phaseb. Additional Walker Environmental responses on comments carried forward into the Environmental Assessment phase | } | <p><i>Regarding
October 23, 2013
Comments</i></p> |
| <p>(B) Letter from Walker Environmental to Walpole Island First Nation in response to comments on the Alternative Methods Interim Report</p> | } | <p><i>Regarding
June 28, 2017
Comments</i></p> |
| <p>(C) Comment disposition table for comments on the Updated Draft Technical Work Plans</p> | } | |

If you require additional information or would like to discuss any of our responses, please do not hesitate to call contact me.

Warm Regards,



Darren Fry, Project Director – SWLF EA

Cc. Janet Macbeth, Walpole Island First Nation
Kent Hunter, Neegan Burnside

Comment Disposition – Compilation of all ToR Comments and Responses

Comments On: WEG Southwestern Landfill Proposal Terms of Reference, including Draft Work Plans (August 29, 2013)
Received From: Neegan-Burnside Ltd. (Kent Hunter) on behalf of Walpole Island First Nation (October 23, 2013)

Comments on the Terms of Reference main document:

Comment	Response during ToR phase (submitted April 2, 2014)
<p>Neegan Burnside Ltd. (Neegan Burnside) was retained by Walpole Island First Nation (WFIN) to review the Terms of Reference completed on behalf of Walker Environmental Limited for their Southwestern Landfill Proposal. Documents reviewed included the Final Terms of Reference (ToR) dated August 29, 2013 and the following supporting work plans:</p> <ul style="list-style-type: none"> • Air Quality • Ecology • Groundwater and Surface Water • Cultural Heritage • Economic • Social • Noise and Vibration 	<p>Acknowledged and thank you.</p>
<p>It should be noted that we reviewed the October 2012 draft work plans. We understand that those work plans have not been revised; therefore, we have not reviewed the final May 2013 plans. If any revisions have taken place we would appreciate a red-lined copy so we can easily identify the changes. A site visit was undertaken on August 29, 2013.</p> <p>It should be noted that the following work plans were not reviewed:</p> <ul style="list-style-type: none"> • Archeology (we understand that WIFN will be looking after review of this report using their own forces) • Agriculture • Traffic • Visual Impacts • Human Health Risk Assessment 	<p>Acknowledged and thank you. It is our intention to update the work plans once a preferred alternative is chosen and a facilities characteristics report is prepared. At that time the work plans will be revised based on the comments received and the specifics of the preferred alternative. Further consultation with stakeholders will be done at that time.</p>
<p>The purpose of the review is to assess the ToR to ensure that studies are adequate to address issues considered significant to WIFN traditional rights and territories. On projects of this nature, which have the potential to have impacts on traditional lands, the community expects to see a complete detailed review of the application by an independent technical team selected by the community but retained by the proponent.</p>	<p>Acknowledged and thank you.</p>
<p>Our review is presented in the sections which follow:</p>	

Comment	Response during ToR phase (submitted April 2, 2014)
<p>1.0 Terms of Reference</p> <p>We request confirmation on several items, as follows:</p> <ol style="list-style-type: none"> The active quarry (Carmeuse site) is dry because it is continuously pumped. Please explain therefore why it would not be considered a lake, and fall under the requirements of the Adams Mike Lake Act. In addition, we note that several alternative sites were discarded as feasible options because they contain water. How do they differ from the Carmeuse site? 	<p>The active quarry (Carmeuse site) is dewatered (pumped dry) following the requirements an approved industrial sewage works under the <i>Ontario Water Resources Act</i>. As a result, it does not contain a body of standing water in excess of one hectare in size and, therefore, is not identified as a lake in accordance with Subsection 27 (3.1) of the <i>Environmental Protection Act</i>.</p> <p>The other alternatives sites were covered with water resulting from human activity and influenced by groundwater and the area of the water greater than one hectare. The water had been there at the time the amendment was made to section 27 of the Environmental Protection Act to include the definition of “lake”.</p>
<ol style="list-style-type: none"> We note that the ToR indicates that proximity to a major watercourse is considered a criterion for the site selection. We do not necessarily concur with this criterion. Can additional rationale be provided to support this? 	<p>The explanation is provided in Section 4, p. 6 of the ToR. Proximity to a major watercourse was considered by WEG to be a desirable attribute of a site since potentially it provides more flow and capacity for the discharge and effective assimilation of storm water or treated waste water, compared to a site in a headwater or upper tributary setting. It should be noted, though, that this section of the ToR merely describes some of the initial attributes that led WEG to identify, and then negotiate a business agreement for, the Carmeuse site and initiate this EA. The actual alternatives for leachate management (which may or may not require treated effluent discharge), and the storm water management design are proposed to be examined in the EA, along with any related effects on the adjacent watercourses.</p>
<ol style="list-style-type: none"> The existing conditions portion of the ToR appears to lack description of the ongoing drawdown of water necessary to continue the mining operation. During the initial review of the document, this significant site feature was not understood. We suggest that the existing conditions in the ToR require further detail to explain this unique site feature. 	<p>WEG has made its best efforts to incorporate suggestions from a wide variety of reviewers into the final ToR, while being mindful of the guidance provided in the Ministry’s <i>Code of Practice</i> regarding the appropriate scope, content and level of detail for a ToR. Section 4.2.6 of the Guide says: “the terms of reference should contain a brief or preliminary description of the existing environment in order to gain a contextual understanding of the problem or opportunity”. The description we provided in Section 6 of the ToR does identify that the quarry is actively dewatered. We agree that more information is required about the ongoing drawdown of water to continue the mining operations and this will be developed as part of the technical studies required for the Environmental Assessment. The general scope of the groundwater studies defined through the EA Criteria and the Study Methods in Appendix B to the ToR are broad enough to encompass the specific suggestions.</p>

Comment	Response during ToR phase (submitted April 2, 2014)
<p>4. We have noted that the revised ToR now includes a site plan showing the study areas. The natural heritage, archeological and cultural assessments should include the lands on either side of any potential haul routes.</p>	<p>Agreed, and we note that several of the relevant EA criteria to be assessed by the natural heritage and cultural heritage studies specifically include the “Along the Haul Route” study area in Table A-1, Appendix B to the ToR. The reason that they are not illustrated in Figure 5: Preliminary Study Area(s) Map is that the initial working assumption regarding the primary haul route is from Highway 401 north on Folden’s Line to the site. The preliminary Ecology study area shown in Figure 5 is already large enough to encompass this route. The preliminary Cultural Heritage route does not, but is based on the initial assumption that any physical disturbance related to this haul route would be limited to the immediate site area, and not along the existing highway.</p> <p>Notwithstanding the above, it is critical to note that both Section 6.2 and Figure 5 of the ToR indicate that these are only initial study areas for the purpose of context in the ToR. WEG’s EA methodology allows for the continuing review and refinement of the study areas as the EA progresses to ensure that the potential effects are fully described. In particular, the assessment of alternative methods during the early stages of the EA will examine different landfill footprints and haul routes, so the study areas will necessarily be re-examined once those alternatives are decided.</p>
<p>5. The Baseline Conditions: It is unclear how the baseline option will be assessed. As the quarry footprint is relocated within the approved area, the site conditions are continuously changing. It is reasonable to expect that the baseline conditions when the landfill is finally developed will not be the same as the baseline conditions at the time. Once active mining is discontinued within the proposed landfill footprint, and the area is backfilled as per the closure plan, the groundwater level within the bedrock and overburden are likely to recover. Furthermore, the quarry operation is independent of the landfill operation and the quarry could close, or relocate to remote areas of the site, where the drawdown may not be affecting the landfill. We suggest that to fully understand the impacts of the project, the proponent would need to consider at least 2 baseline scenarios, perhaps with several sub-scenarios. These scenarios would be:</p> <ol style="list-style-type: none"> a. Continued quarry operation considering the various operating areas of the site (as the cumulative effects of landfill and quarry need to be considered). b. No quarry operation (as the aggregate extraction is independent of the landfill and could stop at any time). 	<p>We agree that the baseline will change and different baseline scenarios must be developed. WEG has therefore designed an EA methodology whereby the baseline conditions are not static. The baseline will forecast future conditions in the absence of the landfill as described in Section 8.2, p. 32 item 2 in the ToR.</p> <p>In the ToR we give the example of a baseline conditions being created for the existing conditions, the start of construction of the landfill, the 10 year mark and closure. The baselines will be created based on what is the most likely scenario which is continued quarrying.</p> <p>We would look at the scenario of no quarry operations as a “what if” scenario and would address it by developing a contingency plan should quarrying cease at the site.</p>

Comment	Response during ToR phase (submitted April 2, 2014)
<p>6. We would like some additional discussion regarding the following features which are identified as being incorporated into the site:</p> <p>a. A campus on site</p>	<p>WEG has been clear that it only seeks the approval of a landfill at this time. The possibility of other associated waste management facilities in a “campus” such as the company operates in Niagara Region has been noted as a possible future business opportunity, but no approvals are being sought at this time and WEG will not mislead its stakeholders by elaborating further. The viability of the landfill proposal is in no way dependent on other waste management facilities being built at this site.</p> <p>If, in the future, other waste management facilities are economically viable, then WEG will complete the necessary approvals. (The Niagara campus evolved over a long period of time and the ancillary facilities developed only once there was a committed for ongoing tonnage through the facility.) At that time the landfill site will form part of the baseline conditions for any assessments, and the issue of cumulative effects, monitoring, etc. will be addressed in their proper context. Furthermore, any approval requirements under the <i>Planning Act</i> will have to be appropriately dealt with at that time; otherwise the facilities will not be approved. WEG does not see any value or relevance in producing a framework or analysis for possible future facilities, as part of this EA.</p> <p>While the studies and monitoring for the landfill will certainly be relevant for any future facilities, it does not necessarily follow that additional studies and monitoring will not be required.</p> <p>We are committed to assessing any other waste management facility considering the studies developed during the EA as their baseline.</p>
<p>b. A rail line for waste transport</p>	<p>Rail has been specifically identified has an alternative method, and will be evaluated in the EA (see Section 7.2, Table 2 in the ToR).</p>
<p>7. It is not clear how cumulative effects are to be addressed. Cumulative effects may include both effects at the site due to the quarry, but also other industry or projects in the area. Will the Federal EA process be followed?</p>	<p>Although not specifically required under the Ontario EA process, WEG has developed and committed to a rigorous cumulative effect methodology for this EA. The proposed undertaking will be compared against the current and future baseline conditions taking into account other existing and forecast land uses in the area (i.e., the future quarrying operations and well as any other reasonably foreseeable activities in the area). Please see Section 8.2, p. 32, item 2 of the ToR for a further description.</p> <p>The cumulative effects methodology proposed for this EA is designed for, and suited to, the Ontario EA process. A Federal EA is not required for this project.</p>
<p>8. Please verify that Walker Industries has sufficient financial backing to complete this project and continue with long term monitoring for the post closure period.</p>	<p>Walker has the financial means to complete the project and has done similar projects. Financial assurances will be required by MOE if the site is approved. Those financial assurances address the long term monitoring and post closure of the site. Please refer to O. Reg. 232/98 and the Landfill Standards for details regarding the financial assurances requirements for landfills in Ontario.</p>

Comment	Response during ToR phase (submitted April 2, 2014)
<p>9. We have noted that the revised ToR now includes a site plan showing the study areas. The natural heritage, archeological and cultural assessments should include the haul route.</p>	<p>Please see the response to Comment #4, above, which is the same question.</p>
<p>10. There is a concern that other communities are pursuing other alternatives (e.g., incineration, anaerobic digestion, biocells etc.) over landfilling. How can we guarantee that development of a new landfill site in the community would not preclude better options being explored at a later time? If a better option is explored and implemented, what would happen to the Walker facility?</p>	<p>Supporting Document No. 2, Rationale for Proceeding with the Proposed Undertaking (“Need”) concludes that there is a need for additional waste disposal capacity in Ontario even with aggressive waste diversion and export of waste to the U.S. Supporting Document #3: Rationale for the Alternatives to be Examined in the Environmental Assessment, Attachment #2: Incineration and Thermal Technologies provides a very specific review of a number of these alternative waste disposal technologies and concludes that, among other things, they are not financially feasible for WEG at this time or in the foreseeable future.</p> <p>It should be noted that the proposed WEG landfill would only receive a fraction of the waste disposal stream in Ontario, and even with the proposed WEG landfill there would continue to be waste exported to the U.S. (Supporting Document #2). Therefore, there will remain considerable opportunity for emerging waste technologies to be developed and tested over the approximately 20-year lifespan of the WEG landfill, at which time WEG can consider how best to replace its landfill capacity.</p>

Comments on the Draft Technical Work Plans:

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>2.0 Work Plans</p> <p>Generally speaking, the work plans were somewhat generic in nature and we understand additional detailed workplans will be developed prior to commencing the work. We trust these comments will be incorporated into the final workplans.</p>	<p>Yes; WEG has committed in Section 8.2, p. 34, and in Section 10.1, p 50 of the ToR to have its technical experts consider the input provided when the technical work plans are finalized during the EA, in further consultation with government agencies, Aboriginal Communities and interested members of the public. It is premature at this point to finalize the technical work plans until the preferred alternatives have been identified and the relevant background data have been collected and reviewed.</p>	<p>--</p>
<p>2.1 Ecology</p> <p>1. We are concerned with Table 5 which summarizes the indicators and measures to be used to evaluate environmental effects. Of particular concern is the column which indicates when a change to a particular criterion will be considered “negligible”. This column raises several questions, as follows:</p> <p>a. Some criteria are based on a percentage of area lost (e.g. Loss of <10% of fish habitat is considered to be negligible). How is this percentage measured (i.e. what is the aerial extent considered? 10% of what? Is it only fish habitat within one of the study areas (on-site and vicinity, within 120 m of the study area, wider area) or is the entire watercourse or watershed considered?). Using a percentage of any of the study areas is not appropriate as this is an arbitrary delineation that has no ecological justification. This holds true for other criteria such as “Loss or Disturbance to Terrestrial Ecosystems” and “Wetlands”).</p>	<p>The Code of Practice for EAs requires us to develop indicators and measures for each criterion. A 10% change was selected as a reasonable preliminary value. At this level, a change is likely to be detected and this value has been used in the past as a threshold for significance. However, our intent is to supplement these indicators and measures with a more comprehensive ecological characterization, and assessment of the potential effects of the proposed landfill development. These thresholds are not meant to be a substitute for a holistic approach to environmental effects.</p>	<p>Section 5 (Table 5) of the ecology work plan has been revised to indicate that a 10% degree of change for aquatic ecosystems may be re-evaluated once meaningful data have been collected.</p>
<p>b. Further to the comment above, the numbers that are used to describe the difference between a negligible effect and a potentially meaningful effect need further justification and reconsideration. For example, the loss of <10% of fish habitat is considered to be negligible. How was this score set, considering that any loss of fish habitat is considered to be significant, requiring a permit under the <i>Fisheries Act</i>? Similarly the loss of 10% of a non-PSW wetland is considered to be negligible; however, from an ecological and hydrological perspective, this loss could have significant effects. Such a loss would also likely be prohibited without</p>	<p>Please see the above comment. It is also worth noting that the main objective of the EA is to characterize and weigh the net effects of the proposal, both positive and negative, across a wide array of environmental, social and economic aspects. In that context, indicators and measures can take on different definitions and uses than under other, single-purpose legislation.</p> <p>Nevertheless, we have identified and acknowledged in Section 12 of the ToR that a series of other approvals will be required for this proposed landfill over-and-above the EA, and their individual standards and requirements will prevail in each instance. It is our intent that the</p>	<p>We will be undertaking baseline investigations to determine exactly what the natural heritage functions and attributes are and where project interaction may be anticipated.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>a permit under Conservation Authority regulations. Furthermore, we question whether this includes unevaluated wetlands or just those which have formally been evaluated and found to be non-PSWs? There are also issues with the criteria for Colonial Nesting Birds and Breeding Amphibian Habitat. Does the temporary disturbance criterion refer to disturbance during the breeding season or outside of it? For amphibians, the loss of non-breeding habitat could cause significant effects to populations in the area. While breeding habitat is important, it is needed for only one portion of their life cycle. Upland habitat is also required for foraging and cover during summer months. This loss of this habitat could be significant. In general, we recommend that this entire table be reconsidered and revised.</p>	<p>studies carried out for the EA also provide the data and analysis necessary to eventually support any other applications as well, which should address some of the concerns noted here.</p> <p>If the loss of less than 10% of a non-PSW has significant effects then these would be recognized and addressed, notwithstanding the guideline for significant (for example if an important wildlife species utilized such a wetland unit).</p> <p>Temporary disturbance refers to any disturbance that occurs for a limited period of time after which the disturbance ceases. Generally, such disturbance is evaluated differently from disturbance that is permanent.</p> <p>We agree that the loss of breeding habitat for amphibians could represent a significant effect at the local population level. However it is important to recognize that the area where the project will potentially remove habitat is an active quarry and the likelihood of a population-level effect on breeding amphibians is very low. Regardless, we will be undertaking baseline investigations to determine exactly what the natural heritage functions and attributes are and where project interaction may be anticipated</p>	
<p>2. In order to fully characterise the aquatic environment it is expected that all watercourses (Type 1, 2 and 3) would be assessed in the event that Type 3 watercourses could be seasonable habitat for small bodied fish that support downstream fisheries. Please include aquatic assessment of Type 3 watercourses that may provide seasonal use of local fish species. This information will determine the extent of watercourses used by fish during the spring or provide seasonable habitat within upper reaches of Type 3 systems.</p>	<p>Yes, all stream systems will be included in the assessment. Please refer to Section 6.2.1, p. 10 of Beacon’s preliminary Ecological Work Plan (Supporting Document to the ToR) under the headings “<i>Sampling Locations</i>”, “<i>Watercourses</i>” where it notes, in part “<i>Sampling sites will be distributed throughout the system types to ensure that there are sample and reference sites in all system types</i>”. This comprehensive assessment is necessary to obtain a complete characterization of the aquatic system.</p>	<p>The aquatic field data collection section is now presented in Section 7.2.1 of the revised ecology work plan.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>3. We recommend that a map showing the various study areas be provided. This would help to clarify where various surveys will be undertaken. With respect to terrestrial surveys (ELC, flora inventory, breeding bird surveys, wildlife, and amphibian surveys), will these be undertaken on the site and haul routes only or within 120m of the site and its vicinity and within 50m of the haul routes? How will property access issues, if any, be addressed?</p>	<p>A preliminary map of the study areas was added to the final version of the ToR (Figure 5). However, it is noted in the text and on the map that these can only be used as a preliminary estimate of the study areas – they will be updated during the EA once the preferred alternatives have been selected (e.g., footprint location, haul route, etc.), and that they may continue to be refined and adapted as data are collected and effects are predicted (i.e., they may be adjusted to ensure that the full extent of the effects are captured).</p> <p>With reference to Criterion #35, Table A-1 in the ToR, the potential effects on terrestrial ecosystems will be evaluated in two study areas – <i>On Site and in the Site Vicinity</i> and <i>Along the Haul Routes</i>. Beacon’s preliminary work plan has initially proposed zones of 120 m and 50 m, respectively, for these, but as noted above, these distances will be further reviewed and refined once the landfill location, haul route location and facility characteristics have been established during the EA.</p> <p>Field surveys will be carried out on all accessible property. Carmeuse owns much of the surrounding property, and access can be obtained to watercourses and roadsides through public property. However, WEG does not have the authority to enter on private property without permission and, where permission is denied, data will be obtained to the best of our ability through secondary sources, air photo & satellite imagery, and external observations.</p>	<p>Section 4 (table 4) of the ecology work plan as been revised to further define the study areas applicable to the aquatic and terrestrial components of the EA.</p>
<p>4. It is not clear whether benthic sampling is to be included.</p>	<p>Yes, benthic sampling has been proposed. See Section 6.2.1, p. 12 of Beacon’s preliminary Ecological Work Plan (Supporting Document to the ToR) under the heading “<i>Benthic Invertebrate Survey</i>”.</p>	<p>The benthic sampling section is now presented in Section 7.2.1 of the revised ecology work plan.</p>
<p>5. It is not clear whether studies will include turtles, dragonflies and mussel habitat,</p>	<p>Yes, turtles, dragonflies and mussels are all components of the proposed studies. Section 6.2 of Beacon’s preliminary Ecological Work Plan (Supporting Document to the ToR) also specifically notes mussels (p. 13) and turtles (p. 14) in the context of potential Species at Risk. If additional SAR come to light (e.g., dragonflies) that have a reasonable expectation of interaction with the project, these would be added to study requirements.</p>	<p>Field investigations for turtles, dragonflies and mussel habitat are referenced in Sections 7.2.1 (benthic invertebrates/dragonflies & species at risk/mussels) and 7.2.2 (SAR/turtles) of the revised ecology work plan.</p> <p>Section 7.2.1 has been revised to emphasize MNR’s preference for habitat assessments over active species surveys for mussels.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>6. We note that gulls have been selected as a vector at the site. Please explain the selection.</p>	<p>At modern, engineered landfill sites, gulls are the most numerous wildlife species, the most likely to present a pathway, and the species with the most scientific literature regarding pathogen transmission. Therefore, they are typically used in landfill assessments as the sentinel species and the basis for determining mitigation requirements. Nevertheless, the wildlife control programs that will be developed for this landfill will address other nuisance and vector species.</p>	<p>Section 5 (Table 5) refers to the Airport Bird Risk Assessment Process (ABRAP) study and Integrated Gull Management Plan.</p>
<p>7. WIFN staff should be invited to participate in all field studies, surveys and sampling. The Work Plan should state that WIFN will be invited to participate and will be given adequate notice as to when surveys will occur (recognizing that dates may be subject to change based on weather and other factors).</p>	<p>Acknowledged and WIFN will be invited to participate.</p>	<p>WIFN will be invited to participate in field studies.</p>
<p>2.2 Groundwater and Surface Water</p> <p>The groundwater and surface water conditions at the site are complex and have been further complicated by the groundwater extraction to facilitate mining. We expect the workplan to include studies that will fully define not only existing site conditions, but changing conditions as the mining operation proceeds. We note the following factors which need to be considered:</p> <ul style="list-style-type: none"> • The groundwater-surface water interaction and movement of water into and out of the Thames River, creeks or wetlands in the site vicinity, • The origin, depth, and lateral extent of granular soils (aggregate) in the overburden, and the local hydrologic significance of these, • The occurrence of groundwater within the overburden and the bedrock, • The influences on the water levels in the quarry, the quarry pond and the local water wells. 	<p>We believe that all of these items are encompassed in the ToR and the associated work plans. The overall scope of the groundwater and surface water studies expressed through the EA Criteria and the Study Methods in Appendix B to the ToR are sufficiently broad to encapsulate all of these matters.</p> <p>Furthermore, the preliminary Groundwater/Surface Water Assessment Work Plan (Golder, 2013) contained in the Supporting Documents to the ToR makes direct or inferred reference to each of these items. Nevertheless, it is our stated intent to update and finalize these work plans during the EA, once the alternatives have been reviewed and confirmed, in further consultation with interested parties (see ToR, Section 8.2, p. 34). At that time, we will direct our consultants to explicitly reference these items in their final work plans.</p> <p>As per the methodology set out for this EA, the groundwater study will develop existing baseline conditions and to forecast the future environmental baseline conditions at key reference periods, taking into consideration all of the forecast land uses including the local quarries (see ToR, Section 8.2, item 2 ,p. 32).</p>	<p>The work plan has been amended to clarify considerations as noted.</p> <ul style="list-style-type: none"> • Characterizing groundwater/surface water interactions is referenced in Sections 8.2 (Field Data Collection) and 9.0 (Data Analysis). • Characterization of overburden is referenced in Sections 8.2 and 9.0. • The occurrence of groundwater within the overburden and bedrock is a key aspect of the groundwater study, in addition to the speed, and direction of flow. • The hydraulic gradient will be studied, including current and predicted impacts on local surface water/well water levels.

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>The workplan should include enough details such that the existing conditions at the site are fully understood and a conceptual site model can be developed.</p>	<p>We disagree that the work plans (<i>per se</i>) should include a fully detailed understanding of the existing site conditions, since they represent a proposal to carry out investigations for that purpose. We do believe, though, that the work plans detail the research and analyses that will be carried out in order to achieve a sufficient understanding of the site conditions.</p> <p>WEG has committed in Section 8.2, p. 34, and in Section 10.1, p. 50 of the ToR to have its technical experts consider the input provided when the technical work plans are finalized during the EA, once the alternative methods and facility characteristics have been established, and in further consultation with government agencies, Aboriginal Communities and interested members of the public. At that time any further input regarding the proposed investigations can be incorporated.</p>	<p>The EA report will provide sufficient detail to demonstrate understanding of existing conditions. This is a key purpose of the technical studies.</p>
<p>1. Page 1, the Work Plan references Figure 1 for the proposed site location. There is no Figure listed in Table of Contents or attached to the Groundwater / Surface Water Assessment Work Plan.</p>	<p>Noted and thank you; we will address this omission in the next draft of the work plans.</p>	<p>The work program has been updated accordingly.</p>
<p>2. Page 3 Section 3.0, <i>Explosive hazard due to combustible gas</i> is listed as one of the Environmental Criteria. The work plan does not address how this is to be assessed.</p>	<p>You are correct. In modern, engineered landfills subsurface gas is generally contained by the liner system (which this proposed landfill will almost certainly have), and gas pressures are reduced or eliminated by the operation of the gas collection system. As a result, the focus of combustible gas migration assessment is usually limited to confirming a functional liner and gas collection system, and developing appropriate monitoring and contingency systems. All of this falls under the specific directions set out in O. Reg. 232/98 (Landfill Standards), Section 14.</p> <p>During the updating of the work plans, we will direct our consultants to elaborate on this aspect of their assessment, for completeness.</p>	<p>The work program has been updated accordingly.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>3. Page 3 Section 3.0, <i>Loss/displacement of surface water resources</i> is listed as one of the Environmental Criteria. The work plan does not address how this is to be assessed. The work plan outlines steps to delineate the drainage network, review background data (if available), and collect water samples and measure flow on the Thames River. It does not specify how this information is to be used to address this issue or the related issues of <i>Effects on stream baseflow quantity/quality or Loss/disturbance of aquatic ecosystems</i> that are to receive key input from the groundwater/surface water work plan.</p>	<p>Loss/displacement is straightforward – it relates to the direct removal or diversion of a surface water feature as a result of the construction or operation of the landfill.</p> <p>Section 8.0 of the Golder preliminary work plan does indicate how the data will be analysed to address the potential effects on both surface water and groundwater resources. It discusses modeling both with and without the proposed landfill as one of the key tools. It notes that one of the purposes of the analyses will be to predict the changes in surface water quality and quantity as a result of the landfill and its related discharges; this is some of the information that will be shared with the ecologists for the purposes of assessing any related impacts on aquatic ecology.</p>	<p>The groundwater/surface water assessment will evaluate “Effects on stream baseflow quantity/quality” (EA Criterion #34). These findings along with other relevant information will be supplied to the ecologists to evaluate the related EA Criterion #36 “Loss/disturbance of aquatic ecosystems”, (see the Ecology work plan for further details).</p>
<p>4. Page 8-9 Section 5.0 lists the <i>Associated Study Areas</i> for each EA Criteria. “<i>The site vicinity also includes... where the groundwater may potentially be drawn down to below original water levels, due to existing and proposed activities at the site (i.e. quarrying).</i>”</p> <p>a. It is not clear from the GW/SW Work Plan what activity would be responsible for drawing water levels down (for example, past, current, or future quarry dewatering). How will original water levels be established?</p>	<p>In accordance with the proposed EA methodology (see ToR, Section 8.2), the existing and future baseline conditions will be determined – in this case it will include the current and forecast quarry drawdown conditions. The original groundwater levels and any past drawdown conditions may also be noted for interest or context, but are not necessarily relevant unless they have some bearing on the any future effects of the proposed landfill.</p>	<p>--</p>
<p>5. Page 13 Section 7.2, Field Data Collections states that groundwater field data will include “<i>Install monitoring wells in the bedrock and overburden to characterize existing groundwater quality and groundwater levels at representative up-gradient and down-gradient locations</i>”. The surface field data will include “<i>field monitoring plan will characterize surface water flow and water quality</i>”. These field activities seem focussed specifically on either groundwater or surface water. There is no mention of field data collection specific to groundwater-surface water interaction or how this interface is to be identified and assessed.</p>	<p>Section 7.2 of the Golder preliminary work plan makes several references to data collected for this purpose, including: the delineation of groundwater discharge and recharge areas and receiving water bodies (p. 13); the assessment of both horizontal and vertical gradients from the groundwater monitoring data (p. 14); and field characterization of baseflow conditions in areas potentially affected by groundwater levels or where there may be related effects on fish and aquatic habitat (p. 14)</p> <p>These aspects of the work plan can be further refined and expanded during the EA once the preferred alternatives and facility characteristics have been established (i.e., more site-specific), and in further consultation with government agencies, Aboriginal Communities and interested members of the public.</p>	<p>Additional language has been added in to Sections 8 (Field Data Collection) and 9 (Data Analysis) to specifically address what data will be collected and analyzed to characterize groundwater-surface water interactions.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>6. Page 15 Section 8.0 states “A key aspect of the baseline hydrogeological assessment will be its integration with the hydrological component, ensuring effective assessment of overall water balance conditions and evaluation of the landfill water discharge”. This could be an important aspect to the study and it is not clear how this will be achieved without specific groundwater-surface water interface field data.</p>	<p>See our response to comment 5 above.</p>	<p>--</p>
<p>7. Page 13-14 Section 7.2 states water levels will be manually measured quarterly, pressure transducers in key locations will record groundwater levels, groundwater and surface water samples will be collected quarterly, and surface water flow measurement will be made. There is no indication how long this monitoring routine is to be maintained.</p>	<p>In Section 7.2, p. 14 of the Golder preliminary work plan there is reference to establishing the seasonal variations in groundwater quality, but the same approach will also be applied to all of the groundwater and surface water monitoring – that is, the initial target is one complete year of monitoring data in order to reflect the seasonality. The location and number of monitoring stations will depend on the facility characteristics. Those will be developed after the preferred alternatives are selected.</p>	<p>The location and number of monitoring stations are indicated in the Updated Draft Work Plan, which are now made available for comment (Spring 2017).</p>
<p>8. Page 14 Section 7.2 states “The field monitoring plan will characterize surface water flow and water quality, including background surface water quality and baseline conditions on site and on the Thames River downstream of the site, utilizing existing sampling locations”. There is no indication of how many sampling locations currently exist or where they are located. Will new stations be added if surface water features not currently monitored are identified during mapping and site reconnaissance?</p>	<p>We do not yet have a complete understanding of the existing monitoring networks and datasets that are available from various parties (e.g., quarry operators, conservation authority, MOE, and possibly others). One of the first tasks identified in Section 7.1 <i>Background Data Collection</i> in the Golder preliminary work plan is to compile all of the existing data and analyse it to help scope the necessary field investigations for this EA.</p> <p>The location and number of monitoring stations will depend on the facility characteristics. Those will be developed after the preferred alternatives are selected.</p>	<p>The location and number of monitoring stations was refined based on Facility Characteristics, but will also depend on initial site reconnaissance, which will be carried out as part of the field study.</p>
<p>9. With respect to the stormwater management section of the Work Plan, the basics have been covered, with respect to modeling and design for flood control, erosion control and quality control. The plan makes mention of potential need for engineered stormwater management measures/facilities, but doesn’t go into detail, which is likely sufficient at this stage. The proponents should mention the 2003 MOE Stormwater Management Planning and Design Manual. The workplan does not mention surface water conveyance (sewers, culverts, swales, etc.), which should be included.</p>	<p>Noted, thank you.</p> <p>Because this is a landfill site, the stormwater management design is dictated by the requirements of O. Reg. 232/98, , Section 13, and the associated Landfill Standards Guideline, Section 4.2. It makes specific reference to ditches, sewers and other drainage conveyances.</p>	<p>--</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
10. There is no indication how long the monitoring routine is to be maintained.	As noted above, the initial monitoring is intended for approximately one year in order to establish seasonal trends. However, all or parts of the monitoring program are likely to continue as components of the long-term comprehensive monitoring program for the landfill construction, operation and closure, all of which will be developed as part of the EA.	--
11. There is no indication of how many surface water sampling locations currently exist or where they are located. Will new stations be added if surface water features not currently monitored are identified during mapping and site reconnaissance?	<p>Yes, as noted in Section 7.2, p. 14 of the Golder preliminary work plan: <i>“additional field efforts beyond the current annual monitoring ... will be required”</i>. The location and number of monitoring stations will depend on the facility characteristics. Those will be developed after the preferred alternatives are selected.</p> <p>As noted above, we are not yet in possession of all of the existing monitoring data; this will be one of the first tasks in the EA.</p>	The location and number of monitoring stations was refined based on Facility Characteristics, but will also depend on initial site reconnaissance, which will be carried out as part of the field study.
12. Given the fact that the site will be on or near fractured bedrock, we are concerned about the proponent’s ability to fully define the site conditions. It should be noted that as the project moves forward, we would expect the site conditions to be fully defined and understood.	Noted. It is our intention to fully define and understand the conditions of the site and the work plans will be further developed in order to address the facility characteristics and the comments that have been made on the draft work plans.	--
13. It is not clear how the Source water protection mapping developed by others will be assessed.	We have already reviewed the source water protection studies with the UTRCA and source water protection program staff on several occasions, and discussed their possible implications for the proposed landfill. Although it has always been our intention to make use of the source water plan as a critical background and reference study, we have extended that commitment through an Addendum to the ToR to specifically identify, recognize and determine the potential effects on Wellhead Protection Areas, Significant Groundwater Recharge Areas and Highly Vulnerable Aquifers.	--
14. Although it is recognised that the leachate management technology has not been selected, we request some direction on the technologies which will be considered.	Table 2 in Section 7.2 of the ToR details the categories of alternative methods to be considered in the EA, and identifies that the alternatives for leachate treatment will include, but not necessarily be limited to, sewer discharge and on-site treatment. Other possible alternatives, and specific treatment technologies, are proposed to be developed and assessed during the EA.	--

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>15. It is not clear how climate change (extreme weather events, groundwater level changes, surface water – Thames River – changes, leachate management) will be addressed in the work plan. How will leachate be managed if quantities change significantly?</p>	<p>Contingency plans will be developed as part of the Design & Operations Plan for the proposed landfill, for submission under the <i>Environmental Protection Act</i> application referenced in Section 12 of the ToR. The Landfill Standards Guideline under O. Reg. 232/98 identifies the requirement for contingencies to deal with leachate and landfill gas, along with the required financial assurances, and notes that “Contingency plans involve unexpected events, both with respect to if and when something may occur, as well as the nature of the event.” (p. 77).</p>	<p>--</p>
<p>2.3 Air Quality</p> <p>In general, RWDI prepared a comprehensive Terms of Reference (ToR) for the investigation and documentation of the air, particulate matter, and odour impacts from the proposed landfill. There were only a few items that may require clarification.</p>	<p>Thank you.</p>	<p>--</p>
<p>1. Variable “area boundaries” as described in the “Study Areas” section on page 4 are a good idea because they allow the boundaries to be expanded if there is an impact farther than 5 km and contracted if the impact is less than 5 km and so reduce the output and processing time required. However, it would be appreciated if the “elevated concentration” criterion for changing these boundaries was a little more concrete. How will RWDI decide if a concentration is elevated?</p>	<p>RWDI was considering using 25% of contaminant criteria of emissions from the proposed landfill as an indicator for area boundary modifications.</p> <p>This can be discussed further with the peer review teams prior to completing the next version of the Work Plans during the EA.</p>	<p>RWDI included the 25% of contaminant criteria of emissions from the proposed landfill as an indicator for area boundary modifications.</p>
<p>2. Once the “area boundaries” as described in the “Study Areas” section on page 4 are adjusted, comparisons would be easier if the “area boundaries” did not change after that point. For instance, if the areas boundaries were reduced under the “Initial Assessment” or “baseline” but then changed under the “Post-Closure Period”, comparison between the various figures would be more difficult than if they were all to the same scale and covered the same area. How will RWDI make these comparisons easy?</p>	<p>An excellent suggestion. Within reason, we will do our best to ensure that maps and drawings in the air quality reports are presented at a standard scale for comparison purposes, even if the analysis is carried out within different study boundaries.</p>	<p>Agreed, this grid will be refined as best suited for comparison purposes.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>3. On page 12 Section 7.3, the ToR says “For some of the discrete receptors, AERMOD will be run with the deposition routine to provide estimates of site impacts with more typical levels... Using this deposition routine provides a simulation of this process. By doing so, a more realistic prediction of dust impacts is produced.”</p> <p>On page 20 Section Glossary of Terms, the ToR says “The modelling assessment was conducted in accordance with MOE’s Guideline A11: “Air Dispersion Modelling Guideline for Ontario”, March 2009.”</p> <p>In the MOE’s Guideline A11 in section 4.2, it states “The MOE may consider whether it is appropriate to use deposition and plume depletion for Tier 3 modelling assessments, such as those requested for approval under paragraph 3 of s.11 (1) of the Regulation for a combined analysis of modelled and monitoring results. Other non-regulatory options may also be considered in a Tier 3 assessment, subject to MOE approval. In such circumstances, proponents shall obtain MOE (EMRB) approval for the use of non-regulatory options before submitting their modelling results to the MOE. Proponents are strongly encouraged to consult with the MOE in advance of conducting their model runs.”</p> <p>Why is RWDI suggesting a Tier 3 technique which is used after Tier 1 and Tier 2 techniques have failed to show compliance when they have not yet started through the Tier 1 techniques? Are Tier 3 techniques already being used for the quarry at the site? Has time been allocated to obtain the MOE’s permission to use deposition?</p>	<p>The MOE will be consulted prior to finalizing the work plans and as recommended in the MOE’s Guideline A11.</p> <p>A Tier 3 evaluation is being requested in the work plan in order to address any requirements that may arise throughout the evaluation.</p> <p>This can be discussed further with the peer review teams prior to completing the next version of the Work Plans during the EA.</p>	<p>The Updated Work Plan notes the commitment for the consultation with the MOECC regarding these items prior to finalization of the Work Plans.</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>4. Impacts to the air can vary greatly depending on the end use of landfill gas. Additional discussion on this point should be included.</p>	<p>Note that in Table A-1, Appendix B to the ToR, both the Operational Period and Post-Closure Period are specifically identified for the evaluation of air emissions (Criterion #2). Therefore, the potential effects of any landfill gas emissions will be considered throughout their full range of production.</p> <p>The reviewer correctly notes that the effects depend closely on the landfill gas control system. A landfill gas control system is required by regulation for landfills of this size. However, the landfill gas control system has not yet been determined since it is among a group of “alternative methods” that are to be developed and evaluated during the EA (see Table 2, Section 7.2).</p> <p>This is precisely the reason why we propose to defer the updating and finalization of the technical work plans until a later stage in the EA – so that they can reflect the preferred alternatives and the proper design concepts. At that time the updated work plans will undergo further consultation with government agencies, Aboriginal communities and interested members of the public.</p>	<p>Updated Work Plan includes the review of landfill gas utilization options.</p>
<p>2.4 Cultural Heritage</p> <p>We note there is no discussion of ecological heritage. The work plans should include an evaluation of the ecological heritage as per the commitments made to First Nations groups. We also feel that FN history of the area should be researched and incorporated into the cultural heritage study in conjunction with a more traditional archaeological assessment process.</p>	<p>We are addressing ecological values and functions through the Beacon work plan. We look forward to receiving FN input on ecological heritage as part of the process.</p>	<p>--</p>
<p>2.5 Economic</p> <p>We have no issues with this workplan at this time.</p>	<p>Thank you.</p>	<p>--</p>

Comment	Response during ToR phase (submitted April 2, 2014)	Action/Update to Work Plans during EA phase (March 2017)
<p>2.6 Social</p> <p>Section 6 fails to mention First Nations Groups consultation or accommodation.</p>	<p>Our apologies. We have noted this and will revise it in the next version of the work plan during the EA.</p>	<p>The updated Social Assessment Work Plan outlines the approach to the assessment of “Effects on Land Resources, Traditional Activities or Other Interests of Aboriginal Communities” that includes engagement with these communities and the identification of mitigation and other forms of accommodation for effects on Aboriginal Interests.</p>
<p>2.7 Noise and Vibration</p> <p>Of particular concern to WIFN was the effect that noise may have on migrating or nearby nesting birds. We have noted that this is not addressed in the studies. Can the proponent provide comment on this.</p>	<p>Ecological effects of noise and vibration are not anticipated given the existing nature of the site. Other than at sites where migratory birds congregate, birds on migration are seldom affected by noise as they are able to move to alternate, less noisy locations. Nesting birds on the other hand, can be disturbed by noise and vibration, particularly when a new site is developed. The Noise and Vibration Assessment data will be provided to the ecologist who will review the data to ensure that potential impacts are identified and if necessary addressed.</p>	<p>Confirmed. Data will be provided to the ecologist for evaluation.</p>

Southwestern Landfill Environmental Assessment, Updated Draft Technical Work Plans

Comments Received From: Neegan Burnside on behalf of Walpole Island First Nations (June 28, 2017)

Comment	Walker Response	Disposition
Ecology		
Section 2 (a) states the objective of the project is as follows: “Describe the environment potentially affected by the proposed undertaking, including both the existing environment as well as the environment that would otherwise be likely to exist in the future without the proposed undertaking”. We found this sentence a bit confusing and suggest that it should be clearer.	Noted. The sentence is meant to convey a comparison to the “do nothing” alternative. A more complete description of the overall EA methodology for this assessment is contained in Section 8.2 of the approved ToR, which is also referenced in the work plan.	--
On Table 3: the <i>Primary EA Criteria and Associated Duration</i> , wildlife effects are not considered for the terrestrial environment beyond “vermin”. Is there not potential for noise and traffic and other factors to affect wildlife species and communities both directly (road mortality) and indirectly?	Yes. Wildlife is a key component of EA Criterion #35 “Loss/disturbance of terrestrial ecosystems”. (Although Table 3 mentions vegetation as an example for this criterion, the definition for this criterion and the associated studies are also inclusive of wildlife).	--
On Table 5: <i>Range and Relevance of Potential Change for Terrestrial and Aquatic Ecology</i> it should be indicated what area of Provincially Significant Wetland loss is “potentially meaningful” or that any loss of PSW is “potentially meaningful”	Loss of any PSW is potentially meaningful.	Language has been clarified.
On Table 5: <i>Range and Relevance of Potential Change for Terrestrial and Aquatic Ecology</i> , it is indicated that significant area loss of woodland “area” will be determined by planning authority. This should be revised.	Any woodlands identified as significant within the study area will be added for effects. Significant woodlands are determined by the Planning Authority.	Language has been clarified.
Section 7.1 should indicated the Indigenous groups will be consulted for natural heritage Information	Agreed.	Added text indicates that information gathered from consultation with indigenous peoples will be utilized.
Air Quality		
Responses to our previous comments on this work plan were provided and are acceptable.	Noted.	--
Section 5.2 gives an impression that the landfill gas collection system is the only stationary source at the site. If this is the case, it should be clearly indicated in the work plan.	With the evaluation of the all stationary source of emissions will be evaluated. In the event that additional stationary sources are proposed additional source would be included in the landfill emissions	--
Typographical/formatting errors: a) Current work plan refers to Figure 1: Proposed Southwestern Landfill, which is not included in the document. Figure 1 should be added to the work plan. b) Criterion of 690 µg/m3 in Table 6.2.1.1 applies to 1-Hour SO2 only. This table should be fixed to match Table 6.2.2.2.	Noted. Figure 1 was inadvertently omitted from the updated draft. SO2 criterion is noted and is corrected	Figure 1 will be added to the final version of the work plan. Table 6.2.1.1 is updated
Economic		
We have no issues with the work plan at this time.	Noted.	--

Comment	Walker Response	Disposition
Groundwater & Surface Water		
<p>We reviewed the Southwestern Landfill Proposal Environmental Assessment - Groundwater/Surface Water Assessment - Work Plan; dated February 8, 2017. We noted that there had been additions to the Work Plan since the last version (May 15, 2013). We have no concerns with the new material. However, we note the following:</p> <ol style="list-style-type: none"> 1. The manner in which some of these comments were addressed was to indicate future work would be carried out. How can we be assured that this work will be undertaken if it is left out of the latest version of the response table? 2. For tracking and traceability purposes, it is important that all comments be tracked. Even if a proponent disagrees with a comment it does not mean it should be dropped from the official record. <p>All of the Neegan Burnside 2013 comments should be included in the latest version of the Work Plan. As we view this as a critical element in our review, we have included the 2014 comment response table with our disposition.</p>	<p>In the cases where Walker's response during the ToR indicated that future work would be carried out (ie. Update would be seen in the work plan in the next version during the EA), those comments were carried forward into Appendix B of each updated draft work plan to be addressed. All of the updated draft work plans are and will continue to be available on the project website at www.walkerea.com</p>	<p>--</p>
<p>Note to reader: The following summarizes additional or new comments; the reviewers indicated satisfaction with the balance of the previous responses.</p>		
<p>Section 3.0 Loss/displacement of surface water resources. The definition refers to "direct removal or diversion". Will it include degradation or change of function?</p>	<p>Yes. The groundwater/surface water assessment will evaluate "Effects on stream baseflow quantity/quality" (EA Criterion #34). Then, this and other relevant information will be supplied to the ecologists to evaluate the related EA Criterion #36 "Loss/disturbance of aquatic ecosystems", (see the Ecology work plan for further details).</p>	<p>--</p>
<p>Section 5.0 lists the Associated Study Areas for each EA Criteria. We note that the work plan refers to "original water levels" as the baseline while the response refers to "existing". To avoid confusion, we suggest consistency in wording.</p>	<p>Agreed.</p>	<p>Common descriptors will be used wherever possible in the EA reports.</p>
<p>Section 7.2, Field Data Collection. The preferred alternatives have now been selected and we suggest that the proponent should be able to provide a map showing the sampling locations.</p>	<p>Agreed. This map was provided as a supplementary memo to the updated work plan, along with more detailed descriptions of the proposed hydrogeological field work (Technical Memorandum, Golder Associates, April 6, 2017, found at: http://www.walkerea.com/uploads/1136/Doc_636274395553078602.pdf.</p>	<p>Neegan Burnside was supplied with a copy of the technical memorandum.</p>
<p>The work plan has been revised to mention karst studies, and joint and bedding mapping (pg. 15). Neegan Burnside would like an opportunity to review additional study scope details when those are developed.</p>	<p>Noted. This information was provided in a supplementary memo to the updated work plan, along with more detailed descriptions of the proposed hydrogeological field work (Technical Memorandum, Golder Associates, April 6, 2017, found at: http://www.walkerea.com/uploads/1136/Doc_636274395553078602.pdf</p>	<p>Neegan Burnside to be supplied with a copy of the technical memorandum along with any further updates.</p>
Social		
<p>Section 7.2.8 identifies limits for discussions with Indigenous communities (e.g. up to a maximum of 5 interviews with First Nation communities). It should be made clear that this refers to socio-economic research and does not pertain to actual consultation-related meetings and discussions. There should be no pre-determined limit on the amount of consultation that will be undertaken. Consultation should be carried out until concerns are resolved.</p>	<p>Noted and agreed that consultation is a separate activity from the social assessment, as per the approved ToR. Please contact Walker with any outstanding concerns .</p>	<p>--</p>

Comment	Walker Response	Disposition
Noise & Vibration		
Responses to our previous comments on this work plan were provided and are acceptable.	Noted.	--
Typographical/formatting errors: a) Current work plan refers to Figure 1: Proposed Southwestern Landfill, which was not included in the document. Figure 1 should be added to the work plan.	Noted. Figure 1 was inadvertently omitted from the updated draft.	Figure 1 has been added to the final version of the work plan.
Cumulative Effects		
We have concerns regarding the plan to include cumulative effects in each individual report rather than in a separate Cumulative Effects Assessment Report. A separate report would provide greater clarity as to the methodology and findings and overall effects of the project as a whole. If the proponent chooses to continue to address cumulative effects separately, each individual report should have a separate section which clearly describes how cumulative effects were assessed, what impacts were identified and what mitigation is proposed.	This EA is designed such that cumulative effects are evaluated on an integrated criterion-by-criterion basis, not as a separate study or analysis. Therefore, the cumulative effects will be assessed in each individual study (for the criteria assigned to that study), and then rolled up and consolidated in the main EA report.	The main EA report will include an overall summary/consolidation of the cumulative effects and any related mitigation measures.

Leslie Galloway

From: Darren Fry
Sent: Monday, March 19, 2018 11:04 AM
To: 'Kent Hunter'; 'Dean.Jacobs@wifn.org'; 'janet.macbeth@wifn.org'
Cc: Joy Rutherford
Subject: RE: Southwestern Landfill EA - Consolidated Walpole Comments & Responses

Hi Kent,

Are you free for a call to address your questions. This letter is consolidation of all comments/input provided by NeeganBurnside of behalf of Walpole. We would be happy to walk you through the document.

I'm free all day today – let me know and we can call you.

Regards,
Darren

From: Kent Hunter [mailto:Kent.Hunter@rjburnside.com]
Sent: Monday, March 19, 2018 10:44 AM
To: Darren Fry <DFry@walkerind.com>; 'Dean.Jacobs@wifn.org' <Dean.Jacobs@wifn.org>; 'janet.macbeth@wifn.org' <janet.macbeth@wifn.org>
Cc: Joy Rutherford <Joy.Rutherford@rjburnside.com>
Subject: RE: Southwestern Landfill EA - Consolidated Walpole Comments & Responses

Hi Darren

We are a bit confused by the letter. The table indicates these are comments from March 2017, and we are guessing that is a typo and should be March 2018. Are these old comments which we did not receive (I can't find them on file) or new comments, or perhaps 2014 comments incorporated into a new table? It is significant as we try and piece together were we are currently at.

Thanks
Kent

From: Darren Fry [<mailto:DFry@walkerind.com>]
Sent: Tuesday, March 06, 2018 3:52 PM
To: Kent Hunter <Kent.Hunter@rjburnside.com>; 'Dean.Jacobs@wifn.org' <Dean.Jacobs@wifn.org>; 'janet.macbeth@wifn.org' <janet.macbeth@wifn.org>
Subject: Southwestern Landfill EA - Consolidated Walpole Comments & Responses

Hello Dean, Janet & Kent,

When we last met, I committed to consolidating and ensuring a response to all comments submitted to us via Neegan Burnside. Please find the attached letter which provides an overview of this including the attached disposition tables for all comments/responses.

Kent – we also discussed having a following call to discuss liner design (e.g. focuses conversation on site specific designs). I will contact you in a few weeks, after March break, to schedule a call.

If you have any further questions regarding the disposition table/responses, please let me know.

Regards,
Darren

Darren Fry, A.Sc.T
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RE: SWLF EA - Field Work Schedule

Darren Fry

Sent: Wednesday, June 06, 2018 5:19 PM

To: Kent Hunter [Kent.Hunter@rjburnside.com]

Cc: Ashley Van Dinther; Joe Tomaino; Janet Macbeth (Janet.Macbeth@wifn.org); Peter DeCarvalho [Peter.DeCarvalho@rjburnside.com]

Hi Kent,

This works for us.

Ashley – can you send out invites to all.

Thanks,

Darren

From: Kent Hunter <Kent.Hunter@rjburnside.com>

Sent: Tuesday, June 5, 2018 9:30 AM

To: Darren Fry <DFry@walkerind.com>

Cc: Ashley Van Dinther <AVanDinther@walkerind.com>; Brian Henshaw <bhenshaw@beaconenviro.com>; Joe Tomaino <JTomaino@walkerind.com>; Janet Macbeth (Janet.Macbeth@wifn.org) <Janet.Macbeth@wifn.org>; Peter DeCarvalho <Peter.DeCarvalho@rjburnside.com>

Subject: Re: SWLF EA - Field Work Schedule

Hi Darren

We would like to meet on the 15th at 9:30 am. I understand your ecologist will not be present but that is ok. Please confirm date and time are still good. We will need to be done by 1:30.

Kent

Sent from my iPhone

On Jun 4, 2018, at 10:03 AM, Darren Fry <DFry@walkerind.com> wrote:

Kent – our lead ecologist (Brian) is unavailable in June.

If you like, we could still meet and tour the site in a more general sense (we will not have an expert available). Any questions that we're unable to address will be relayed to Beacon and a response provided. We could discuss upcoming ecology field work and identify which elements would be of interest to Walpole/NB.

Please advise if this is acceptable.

Thanks,

Darren

From: Kent Hunter <Kent.Hunter@rjburnside.com>

Sent: Monday, June 4, 2018 9:55 AM

To: Ashley Van Dinther <AVanDinther@walkerind.com>; Brian Henshaw <bhenshaw@beaconenviro.com>

Cc: Joe Tomaino <JTomaino@walkerind.com>; Darren Fry <DFry@walkerind.com>; Janet Macbeth

(Janet.Macbeth@wifn.org) <Janet.Macbeth@wifn.org>; Peter DeCarvalho

<Peter.DeCarvalho@rjburnside.com>

Subject: RE: SWLF EA - Field Work Schedule

Good morning

The 15th works best for WIFN and Neegan Burnside. Please confirm that is acceptable to Walker and Beacon. The meeting will be attended by Janet Macbeth (WIFN), Peter Decarvahlo and Kent Hunter (Neegan Burnside) and we mainly want to focus on the ecological environment. This will allow our team to determine what field monitoring we would like to participate in.

Look forward to speaking to you soon.

Kent

From: Ashley Van Dinter [<mailto:AVanDinter@walkerind.com>]

Sent: Friday, June 01, 2018 2:20 PM

To: Kent Hunter <Kent.Hunter@rjburnside.com>; Brian Henshaw <bhenshaw@beaconenviro.com>

Cc: Joe Tomaino <JTomaino@walkerind.com>; Darren Fry <DFry@walkerind.com>

Subject: SWLF EA - Field Work Schedule

Hi Kent and Brian,

I trust you are both well and enjoying this beautiful weather. I am reaching out to secure a date for the site visit/orientation. It will be an opportunity to discuss the upcoming ecological field studies that Walpole and Neeggann Burnside are interested in observing.

Darren has a prior commitment on June 14th. Are you available on June 15th?

I look forward to hearing from you.

Regards,

Ashley

Ashley Van Dinter

Administrative Assistant

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[<image003.jpg>](#)

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From: Darren Fry

Sent: Friday, June 01, 2018 10:01 AM

To: 'Kent Hunter'; Joe Tomaino; Ashley Van Dinter

Subject: RE: SWLF EA - Field Work Schedule

Thanks – we'll get back to you shortly.

Darren

From: Kent Hunter <Kent.Hunter@rjburnside.com>

Sent: Friday, June 1, 2018 10:00 AM

To: Darren Fry <DFry@walkerind.com>; Joe Tomaino <JTomaino@walkerind.com>; Ashley Van Dinter

<AVanDinther@walkerind.com>

Subject: RE: SWLF EA - Field Work Schedule

Sorry, it was June.

From: Darren Fry [<mailto:DFry@walkerind.com>]

Sent: Friday, June 01, 2018 9:59 AM

To: Kent Hunter <Kent.Hunter@rjburnside.com>; Joe Tomaino <JTomaino@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

Subject: RE: SWLF EA - Field Work Schedule

Hi Kent,

I received your voicemail as well and am following up on this request.

First, can you confirm if it is June or July that your ecologist would like to meet onsite with you our ecology (your voicemail stated June).

Ashley will coordinate dates with you. As we understand, the initial meeting will be a site tour/orientation and discussion about future ecological field studies that Walpole/NegannBurnside is interested in.

Ashley – please coordinate with Kent and Brian on the initial meeting.

Thanks everyone,
Darren

From: Kent Hunter <Kent.Hunter@rjburnside.com>

Sent: Tuesday, May 29, 2018 3:47 PM

To: Darren Fry <DFry@walkerind.com>

Subject: RE: SWLF EA - Field Work Schedule

Hi Darren

I was talking to Walpole and we want to participate in some of the field surveys for the ecology, but we thought there may be value in sitting down on site and having our ecologist talk to your ecologist and maybe see the site, so that they can better decide which surveys that need to participate in. We were wondering if we could set up a meeting for July 13 or 15th at your site with the biologist, mainly to see the site. Please call if you need to discuss further.

Kent

<image005.jpg>

Kent Hunter, P.Eng.
Senior Project Engineer

Neegan Burnside Limited

Office: 800-265-9662 **Direct:** 289-730-1018 **Cell:** 905-960-3323
Kent.hunter@neeganburnside.com

From: Darren Fry [<mailto:DFry@walkerind.com>]

Sent: Tuesday, May 08, 2018 2:11 PM

To: Kent Hunter <Kent.Hunter@rjburnside.com>; 'Janet Macbeth' <Janet.Macbeth@wifn.org>

Subject: SWLF EA - Field Work Schedule

Kent,

Thanks for taking the time to speak today. I understood that NeeganBurnside is satisfied with Walker's responses to comments to-date and submitted on behalf of Walpole re: the SWLF EA. If you have any further questions or require additional clarify, please don't hesitate to contact me.

As discussed, I've attached two files that outline the field work being conducted. Specifically, you'll see we've itemized the ecology study components and should you or Walpole representatives wish to participate in the any of the studies, please let us know. We have draft dates set out but they are subject to weather and other conditions.

COTTFN will be providing monitors for the archeology study and MNCFN currently has Field Liaison Representatives (FLRs) participating in most of the environmental field work (ecology, water, archeology).

EA Schedule

- We will be continuing with field work/data collection until Jan. 2019
- We will be consulting on preliminary baseline conditions results in Nov. 2018-Jan.2019
- We will be consulting on Preferred Design and Mitigation in Q2 2019
- We expect to issue a Draft EA Report for comment in Q2 2019 and submit the final EA Report in Q3 2019.

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

Regards,
Darren

Darren Fry, A.Sc.T

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Leslie Galloway

From: Darren Fry
Sent: Monday, July 8, 2019 10:26 AM
To: 'Dean.Jacobs@wifn.org'
Cc: Emily Sykes
Subject: Southwestern Landfill Update/Follow-up

Hi Dean,

It was great to speak with you a few weeks back (June 4th) – wow, time flies! I wanted to follow up with an email to capture & summarize our discussion:

- We expect to release of draft EA report in coming months for consultation
- Walpole will engage Neegan Burnside for Peer Review of the draft EA, we will discuss more about that process closer to release of the draft EA report
- As part of the EA, we are conducting an Indigenous Land Use assessment around the proposed project site,
 - You indicated interest in participating,
 - We will use the information/assessment in draft EA report to coordinate with WIFN and integrate any additional land-use information or input into the EA during the consultation period.

Let me know if you have any items you would like to add. We'll reach out once we have sent over a copy of draft EA report to you in the coming months.

Warm Regards,

Darren