

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: more confusion on my part  
**Date:** Thursday, July 23, 2015 9:23:37 AM

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Hello [REDACTED]

I trust you are enjoying this beautiful summer we are having! Thanks for your question.

You are correct in that Walker is the proponent and will be responsible for approval, construction, operation, closure and post-closure care of the proposed landfill. You are also correct in that the agreement between Carmeuse and Walker is commercial agreement between two private parties and that we have clearly stated we would not be disclosing certain provisions of this agreement.

I can tell you that we will comply with legislation and regulations governing the ownership of the property at the appropriate time in the approvals process for the SWLF Proposal.

Regards,  
Darren

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**From:** [REDACTED]  
**Sent:** Wednesday, July 22, 2015 11:49 AM  
**To:** Darren Fry  
**Subject:** more confusion on my part

Hi Darren

I am a bit confused by the status of ownership/tenancy for the proposed site. I realize that much of the agreement comes under proprietary information and you cannot share certain information but I am hoping that you can clarify some statements that are being made out there.

This is what I know:

Carmeuse are the landowners, and the proposal is strictly Walker's and Carmeuse is not part of the proposal and NOT responsible for approval, construction, operation and closure of the proposed landfill.

At some point in the future, Walker will have to take control of the site from Carmeuse in order to build the landfill if final approval is granted.

At your presentation to Zorra Council March 3, 2015 you stated that "*Yes in fact we do have a long term lease with Carmeuse with an option to purchase.*"

Throughout the consultations it was stated that Walker has an agreement with Carmeuse and Joe Lyng stated that "*We have a lease agreement with Carmeuse that has a purchase option. The intention is that Walker will own the landfill... Our agreement with Carmeuse is currently in effect*"

The TOR states that there is "*a commercial opportunity to lease industrial land from*

*Carmeuse Lime (Canada) Ltd. in the County of Oxford*

**Does Walker currently have a lease on it?**

**Or does Walker only have an agreement to lease? If so at what point in the process would Walker be finalizing an official lease?**

Thank you for any clarification or explanations you can provide





**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Subject:** RE: definitions/clarification  
**Date:** Thursday, August 06, 2015 12:12:22 PM

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Hi [REDACTED]

I hope you're doing well! Darren asked me to get back to you on this one.

Some of the studies proposed in the ToR, such as the ecological, groundwater & surfacewater studies among others, will need to occur during specific seasons to capture the appropriate baseline conditions. An example of this is conducting flow measurements of the Thames River during periods of high flow (ie. Spring) and low flow (ie. late Summer or Fall).

The timing isn't restricted to a specific calendar date but instead based on weather/climatic conditions and the scope of the studies (known as the technical work plans) which will be finalized and consulted on in the next phase of the EA.

Hope this helps, let us know if you have any other questions.

Best wishes,  
Becky

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**From:** [REDACTED]  
**Sent:** Tuesday, August 04, 2015 11:35 AM  
**To:** Darren Fry  
**Subject:** definitions/clarification

Hi Darren

I need some clarification/definitions on the "seasonal studies" in the EA.

**Do they use the normally established calendar seasons or is it something else?**

**If using the calendar seasons do they always start on the calendar date that indicates the start of a season, or could part of a season be done one year and completed the next?**

Thanks for your help  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** Environmental Regs. Course  
**Date:** Wednesday, August 19, 2015 3:23:07 PM

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Hi [REDACTED]

This came across my desk and I thought of you. It's a bit generic and industry focused but would provide a general overview of many relevant topics.

<https://www.epictraining.ca/course/11327/Mississauga/Understanding-Environmental-Regulations>

Regards,  
Darren

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: another question  
**Date:** Tuesday, September 08, 2015 11:26:08 AM

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Hi [REDACTED] – as you note, there are a lot of variables that can affect the in-place (ie. in a landfill) density of MSW such as waste type, compaction effort, etc. However, a generally accepted ‘rule of thumb’ is on the order of 1 metric tonne per 1 cubic metre.

Regards,  
Darren

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**From:** [REDACTED]  
**Sent:** Tuesday, September 08, 2015 11:18 AM  
**To:** Darren Fry  
**Subject:** another question

Hi Darren

I am trying to get a mental grasp on things (sometimes it is easier to picture things). I understand that different waste have different weights and things will vary but is there a general rule of thumb for how much space a tonne of waste will take up in cubic meters?  
Thanks  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** ReThink Organics Report  
**Date:** Friday, October 23, 2015 11:57:25 AM

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Hi [REDACTED] – hope all is well.

The OWMA, Biogas Association and Compost Council released this report yesterday – I thought you might want to have a look.

<http://www.owma.org/Publications/OWMAReportsandPolicies.aspx>

There are some other good resources here as well.

Regards,  
Darren

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Monday, October 26, 2015 2:00:57 PM

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Hi [REDACTED]

This is an interesting topic and one that most people don't consider when they think of their "waste footprint". What we put out for collection on the end of our driveways at home is only just a fraction of the waste that we actually generate. Here is some additional information to help you with your story:

1. As a general rule (it's simple), I use the rule of thirds; we generate waste while at home (residential), at work (ICI) and at play (ICI).

a. Therefore, the ICI component is approximately 66% (two thirds) of the total amount of waste we generate. What we generate at home is only ~33% (remaining one third).

b. Here is a link (page 9

<http://www.statcan.gc.ca/pub/16f0023x/16f0023x2013001-eng.pdf>) that supports this and there are others. Here's an excerpt:

"Residential waste - At 37%, slightly more than one third of waste for disposal came from residential sources in 2010. The total disposal of residential waste decreased by 1% between 2008 and 2010 to 9.3 million tonnes. Calculated on a per capita basis, the disposal of residential waste decreased by 3% to 271 kg per person.

Non-residential waste - Nationally, the total amount of non-residential waste fell by 6% to 15.6 million tonnes, while the per capita disposal of non-residential waste declined by 8% to 458 kg per person in 2010. Quebec, British Columbia, Alberta, and Ontario all contributed to the decrease. The amount of non-residential waste exceeded the amount of residential waste disposed in 2010 for all provinces examined. The difference is most notable in Alberta, where 75% of disposed waste came from non-residential sources."

c. Conference Board of Canada did some work on waste management a few years back: <http://www.conferenceboard.ca/hcp/details/environment/municipal-waste-generation.aspx>

d. Another simple number that is generally accurate is that that average Canadian generates approximately 1,000 kg (1 tonne) of waste per year. 250 kg get recycled and 750 gets disposed (you'll see this below at the provincial scale).

Note that there is a lack of a single point of data/authority on waste management so we have to use multiple sources to draw conclusions. Some sources may conflict with each other slightly but generally paint the same picture which is (note that these are estimates and provided for discussion purposes only):

- Ontario generates 12 M tonnes per year of solid waste
- The weighted average diversion rate residential and ICI waste when combined is approximately 25% (this is the blended rate for both streams)

- Residential waste diversion rates in some municipalities can achieve 50% - but its only 1/3 of the total waste.
- ICI diversion rates are generally accepted at ~25% but its 2/3 of total waste.
- Therefore, approximately 9 M tonnes of waste per year require disposal after our recycling and diversion efforts
- Of the 9 M tonnes, 6 M is ICI and managed by the private sector and 3 M is residential and managed by the municipalities Approximately 3 M tonnes per year
- Of the 6M tonnes of ICI, approximately 3 M tonnes is exported to US per year for a number of reasons.
- Of all waste requiring disposal in Ontario, 95% is managed by landfills and the remaining 5% by incinerators

Also, when we talk about solid waste in the scenario above, I am referring to municipal solid waste (MSW) – see this link for examples of other solids wastes that are generated:

<http://www.statcan.gc.ca/pub/16-201-x/2012000/ct001-eng.htm>

I hope this helps and if you have any questions – feel free to call me.

Regards,

Darren

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**From:** [REDACTED]  
**Sent:** Monday, October 26, 2015 12:33 PM  
**To:** Darren Fry  
**Subject:** [REDACTED]

Hi Darren

I am writing an article on how we all contribute to the IC&I waste in the province by being consumers, workers outside of County, being tourists, taking in various forms of entertainment etc etc etc and that our production of waste is not limited to our County.

I have found statistics on the amount of waste landfilled in Oxford as well as the amount diverted but that doesn't give the whole picture. According to an Aug motion at County Council, it is estimated that 20,000 metric tons of solid waste generated in Oxford County is exported annually for disposal outside of the County of Oxford, but that just deals with waste created in the County.

Is there an industry accepted ratio/formula as to how much an average person actually produces in IC&I waste?

Thanks

[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Wednesday, October 28, 2015 3:47:42 PM

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Hi [REDACTED]

I always try to respond to you as quickly as possible however, as I am not a planner, I will have to defer this question to our planning staff (Joe Tomaino) in order to provide you a definitive answer. I should be able to respond tomorrow.

Thanks,  
Darren

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**From:** [REDACTED]  
**Sent:** Wednesday, October 28, 2015 2:34 PM  
**To:** Darren Fry  
**Subject:** [REDACTED]

Hi Darren

I found this for the Carp proposal in Ottawa.  
Is this something that WEG would have to get from the County as well  
If so, is there a point in the process when this takes place

<http://www.nodump.ca/wp-content/uploads/2015/10/WCEC-SPC-Approval-Report.pdf>

Thanks for your help  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Thursday, October 29, 2015 11:25:29 AM

---

Hi [REDACTED]

Thanks for your patience.

We would require a similar approval with the County; note that municipalities have slightly different procedures/policies so it may not be identical to Ottawa's. This approval would be sought after the EA, if approved, and forms just one of the many approvals/permits required before the Southwestern Landfill can be developed.

I hope this helps.  
Regards,  
Darren

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**From:** [REDACTED]  
**Sent:** Wednesday, October 28, 2015 2:34 PM  
**To:** Darren Fry  
**Subject:** I found this

Hi Darren

I found this for the Carp proposal in Ottawa.  
Is this something that WEG would have to get from the County as well  
If so, is there a point in the process when this takes place

<http://www.nodump.ca/wp-content/uploads/2015/10/WCEC-SPC-Approval-Report.pdf>

Thanks for your help  
[REDACTED]



**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** Walker Environmental Acquisition  
**Date:** Tuesday, January 26, 2016 1:18:01 PM  
**Attachments:** [Walker Expands All Treat Acquisition.pdf](#)

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Hi [REDACTED] – I hope all is well.

You'll likely come across this sooner than later so I thought I would send it to you direct. As we continue to grow our organics diversion/management business, this most recent acquisition makes us one of the leaders in the organics sector in Ontario.

If you have any questions, let me know.

Darren

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: Walker Environmental Acquisition  
**Date:** Tuesday, January 26, 2016 2:08:16 PM  
**Attachments:** [image001.png](#)

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Hello [REDACTED]

Yes, diverting the organic materials in the waste stream is key in increasing Ontario's diversion rate.

With regard to the rumours that you and I are hearing; I can offer this. The draft WFOA/Bill 151 does not prohibit new disposal facilities (landfills or incinerators). In fact, it actually recognizes the need for disposal facilities for residual wastes while we transition to a zero waste society. You can see this on page 27 here:  
[http://www.downloads.ene.gov.on.ca/envision/env\\_reg/er/documents/2015/012-5834\\_DraftStrategy.pdf](http://www.downloads.ene.gov.on.ca/envision/env_reg/er/documents/2015/012-5834_DraftStrategy.pdf)

Our position on Ontario's need for additional disposal capacity remains as presented in the ToR.

With regard to the last "rumour" you identify below, this is simply just another speculative statement that may or may not be accurate. We have not received anything from the Ministry to support this rumour.

Take care [REDACTED]  
Darren

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**From:** [REDACTED]  
**Sent:** Tuesday, January 26, 2016 1:42 PM  
**To:** Darren Fry  
**Subject:** Re: Walker Environmental Acquisition

Hi Darren

I am well thanks, hope you are too.

I appreciate you keeping me up to date on things. If communities REALLY want to achieve the lofty goal of zero waste, they must certainly look at organics.

I have been busy trying to make sense of Bill 151- Waste Free Ontario Act  
There have been rumours (from a source I do NOT trust) that this act will stop any and all landfill proposals  
Like other acts in Ontario, I foresee it taking a while to implement and enforce and 100% compliance is not always achievable.  
Since we are a long way from the Southwestern Landfill proposal being approved, do you anticipate this Bill having any effect on the needs argument you presented?

Another rumour that is being shared is that no decisions on TOR will take place until this Bill has reached third reading and is passed.  
I know there is no place in the EA Act to accommodate something like this, have you received any notice from the MOECC that this is happening?

On Tue, Jan 26, 2016 at 1:17 PM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:  
Hi [REDACTED] – I hope all is well.

You'll likely come across this sooner than later so I thought I would send it to you direct. As we continue to grow our organics diversion/management business, this most recent acquisition makes us one of the leaders in the organics sector in Ontario.

If you have any questions, let me know.

Darren

**Darren Fry**, A.Sc.T  
Director  
Strategic Growth

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**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Re: wondering  
**Date:** Tuesday, February 02, 2016 2:31:03 PM

---

Hi [REDACTED]

We did in fact submit comments to the County on its draft sustainability plan. I would not consider them concerns, but instead constructive input. Many comments were in fact supportive of objectives in the plan. I believe you have a copy of our submission?

We intend to also participate in the County's consultation on the Official Plan amendment. As this process moves forward, I will keep this request in mind (ie. nothing has happened yet).

Regards,  
Darren

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**From:** [REDACTED]  
**Sent:** Tuesday, February 2, 2016 2:16 PM  
**To:** Darren Fry  
**Subject:** [REDACTED]

---

Hi Darren

I know that Walker sent in concerns on the draft County sustainability plan. I was wondering if Walker has concerns and are planning to respond to the Draft Amendment to the Official Plan. If so, would it be possible to send me a copy?

Thanks  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: [REDACTED]  
**Date:** Friday, February 26, 2016 12:14:51 PM

---

Hello [REDACTED] – I won't be able to respond in any detail today but I am not aware of this recent dialogue. We continue to await a decision on the ToR.

I can add this however; the City of Toronto's Long Term Waste Strategy Staff Report for Feb. 29<sup>th</sup> states that additional capacity has been identified at Green Lane and no further review for new disposal capacity is required in the next 10 yrs (I'm paraphrasing – see link).

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.PW11.3>

Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Friday, February 26, 2016 11:59 AM  
**To:** Darren Fry  
**Subject:** [REDACTED]

Hi Darren

I am hoping that you can clear up some confusion. I just read the following article on easy 101

<http://www.easy101.com/news/latest/39483-toronto-york-wants-to-send-garbage-to-oxford.html>

In the article it states that, “*Both the Toronto and York Region strategic plans say the next step for disposal of their waste is in Oxford County.*” There is no source of where this interview and statements came from but it has caused some confusion on my part.

I have read both reports and my interpretation is that they mention the Walker proposal, being in the approval of TOR stage, and the Taggart Miller proposal as POSSIBLE solutions to their excess waste problems in the future. Am I wrong? The statement in the article above makes it appear that this is confirmed as a done deal.

My questions are:

- 1. Has there been a confirmation that the future excess waste from these areas will be sent to Oxford? If so, how can they confirm that this will take place when there are still MANY steps before an approval and building of the landfill?**
- 2. I realize that in looking at the “needs” argument, WEG has to look at possible shortfalls in capacity vs generation of waste but how can customers be lined up for something that is not a sure thing?**

I realize that these are NOT statements from Walker and are possibly a misquote, but it is out on social media and I am hoping you can clarify my confusion.

Thanks  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: [REDACTED]  
**Date:** Friday, February 26, 2016 12:26:52 PM  
**Attachments:** [image001.png](#)

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[REDACTED] – It is likely, but I am not completely confident and therefore provide this as information only, the municipalities may be undertaking a review of potential options for future waste management options. In their review, they have to identify existing and potential options. Since we have an EA underway, they may have identified the SWLF proposal as a potential option to be considered, while recognizing it has not been approved. However, it is just identifying options in their planning process – a pre-screening of sorts. I cannot be sure but this is likely to source of the discussion noted on Easy101.

As you know, we await a ToR decision along with many more approvals if the proposal proceeds – therefore nothing is confirmed.

Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Friday, February 26, 2016 12:18 PM  
**To:** Darren Fry  
**Cc:** Becky Oehler  
**Subject:** [REDACTED]

Thanks...I did read that Greenlane has extended their lifespan.

I appreciate you getting back to me.

[REDACTED]

On Fri, Feb 26, 2016 at 12:14 PM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:  
Hello [REDACTED] – I won't be able to respond in any detail today but I am not aware of this recent dialogue. We continue to await a decision on the ToR.

I can add this however; the City of Toronto's Long Term Waste Strategy Staff Report for Feb. 29<sup>th</sup> states that additional capacity has been identified at Green Lane and no further review for new disposal capacity is required in the next 10 yrs (I'm paraphrasing – see link).

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.PW11.3>

Regards,  
Darren

**Darren Fry**, A.Sc.T  
Director  
Strategic Growth

---

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---

**From:** [REDACTED]  
**Sent:** Friday, February 26, 2016 11:59 AM  
**To:** Darren Fry  
**Subject:** [REDACTED]

Hi Darren

I am hoping that you can clear up some confusion. I just read the following article on easy 101

<http://www.easy101.com/news/latest/39483-toronto-york-wants-to-send-garbage-to-oxford.html>

In the article it states that, "*Both the Toronto and York Region strategic plans say the next step for disposal of their waste is in Oxford County.*" There is no source of where this interview and statements came from but it has caused some confusion on my part.

I have read both reports and my interpretation is that they mention the Walker proposal, being in the approval of TOR stage, and the Taggart Miller proposal as POSSIBLE solutions to their excess waste problems in the future. Am I wrong? The statement in the article above makes it appear that this is confirmed as a done deal.

My questions are:

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I realize that these are NOT statements from Walker and are possibly a misquote, but it is out on social media and I am hoping you can clarify my confusion.

Thanks

[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: TOR approval  
**Date:** Friday, March 18, 2016 3:59:36 PM

---

Hi [REDACTED] – yes, we have recently received the ToR notice of approval. We will be meeting with the CLC in the near future and I have not forgotten about your interest/application to join the CLC. Please stay tuned.

Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Friday, March 18, 2016 3:53 PM  
**To:** Darren Fry  
**Subject:** TOR approval

Hi Darren

Now that the Minister has approved the TOR with some amendments, I understand that the next step will be to meet with the CLC and discuss the decision as per the CLC proposed meetings contained in the TOR.

I just wanted to remind you that I put in an application to take a vacated spot on the CLC. I hope you are still considering me for this position.

Thank you

[REDACTED]



---

**From:** [REDACTED]  
**Sent:** Friday, March 18, 2016 10:06 PM  
**To:** Becky Oehler  
**Subject:** Re: Terms of Reference - Notice of Approval

Dear Becky,  
Thank you for the info.  
Please have a good weekend.  
Sincerely,  
[REDACTED]

Sent from Samsung Mobile

----- Original message -----  
**From:** Becky Oehler  
**Date:** 03-18-2016 5:45 PM (GMT-05:00)  
**To:** [REDACTED]  
**Subject:** Terms of Reference - Notice of Approval

Hi [REDACTED]

Thanks for talking with me, attached is the Notice of Approval. If you have any questions, please call Darren at 905-680-3783.

Have a great weekend,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

---

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** Terms of Reference - Notice of Approval  
**Date:** Friday, March 18, 2016 5:45:18 PM  
**Attachments:** [2016-03-17 Southwestern ToR NoA.pdf](#)

---

Hi [REDACTED]

Thanks for talking with me, attached is the Notice of Approval. If you have any questions, please call Darren at 905-680-3783.

Have a great weekend,  
Becky

**From:** [Darren Fry](#)  
**To:** [REDACTED] [Becky Oehler](#)  
**Cc:** [Leticia Koole](#)  
**Subject:** RE: CLC Meeting Re TOR, Seat in Public Gallery  
**Date:** Monday, March 21, 2016 11:24:19 AM

---

Hello [REDACTED]

In Alice's absence, please feel free to contact Becky with inquiries relating to the CLC. Your request has been noted and a seat in the gallery reserved.

Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Sunday, March 20, 2016 10:34 AM  
**To:** Info@walkerea.com; Darren Fry; Becky Oehler  
**Subject:** CLC Meeting Re TOR, Seat in Public Gallery

Darren

I wasn't sure who would be handling this type of thing since Alice used to do it and she is gone.

At this time it is still somewhat unclear as to who will be attending this meeting as members of the CLC, so I am requesting a seat in the public gallery, in the event that I will be attending as a member of the CLC I will inform you immediately so that the public seat can be made available to someone else.

Please confirm.

Respectfully

[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: CLC meeting seat as observer  
**Date:** Wednesday, March 23, 2016 1:33:33 PM

---

Hi [REDACTED]

Thanks for your email. I've reserved an observer seat for you at the first CLC meeting and I'll let you know as soon as we have a date and time.

Thanks,  
Becky

---

**From:** [REDACTED]  
**Sent:** Monday, March 21, 2016 11:45 AM  
**To:** Becky Oehler  
**Subject:** CLC meeting seat as observer

Hi Becky

Given that my possible membership in the CLC is undetermined at the moment, I am requesting a seat as an observer at the upcoming CLC meeting.

Please confirm

Thank you  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: Southwestern Landfill CLC  
**Date:** Wednesday, March 23, 2016 11:07:44 AM  
**Attachments:** [image014.png](#)

---

Thanks – we'll advise once the meeting has meeting has been confirmed.  
Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Wednesday, March 23, 2016 10:45 AM  
**To:** Darren Fry  
**Cc:** Becky Oehler  
**Subject:** RE: Southwestern Landfill CLC

Yes, Wednesday April 6<sup>th</sup> does actually work with my schedule.

Best Regards

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

[REDACTED]

---

**From:** Darren Fry [<mailto:DFry@walkerind.com>]  
**Sent:** March-23-16 10:24 AM  
**To:** [REDACTED]  
**Cc:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Southwestern Landfill CLC

Hello [REDACTED]

Sorry we weren't able to connect yesterday - I can appreciate how busy you are having just returned from vacation.

I hope all is well as it has been some time since we last spoke. First, it's unfortunate the Ministry

review of the ToR took as long as it did. However, a decision has been made and the ToR was approved with some amendments.

As a first step, we would like to convene the CLC and discuss the decision, talk about some next steps and address questions. We are looking at the week of Apr. 4<sup>th</sup>. Would Wednesday Apr. 6<sup>th</sup> at 6 pm work for you? I'll be reaching out to the other CLC members today.

Just so you know, the EA doesn't officially start until we issue a Notice of Commencement which is still several weeks away. However, meeting with the CLC is important and a key first step.

Thanks and feel free to contact me anytime at 905.329.4265.  
Darren

**Darren Fry**, A.Sc.T  
Director  
Strategic Growth

---

T: 905-680-3783  
C: 905-329-4265  
Toll free: 866-694-9360  
[www.walkerind.com](http://www.walkerind.com)



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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** CLC Meeting April 6, 2016  
**Date:** Thursday, March 24, 2016 12:53:08 PM  
**Attachments:** [2016-03-17 Letter to Walker.pdf](#)  
[2016-03-17 Southwestern ToR NoA.pdf](#)

---

Good afternoon,

As you may know, the Terms of Reference was approved for the Southwestern Landfill Proposal. We received the Notice of Approval from the Ministry of Environment and Climate Change (MOECC) on March 18<sup>th</sup>.

I was able to speak to or leave a message for each of you on March 18<sup>th</sup>. This week, Darren has been connecting with several CLC members. If we've missed you, please feel free to call Darren at your convenience at 905-329-4265.

We've heard that there is interest in meeting to discuss the Notice of Approval, and we'd like to propose a **meeting date of Wednesday, April 6 at 6:00 pm**. Please let me know as soon as possible if this date and time is suitable for you. We would like to discuss the Minister's decision, outline some next steps and answer any questions you have. Please note that this meeting is in addition to the CLC meeting commitment we have made at the Notice of Commencement. We are still committed to holding a CLC meeting when we are ready to issue the Notice of Commencement and officially start the next phase of the EA.

We have also heard that many CLC members would like a printed copy of the ToR (main body) dated Aug 29 2013, our amendment dated May 26 2014, and the Minister's Amendment dated March 17 2015. We are preparing hard copies and USB sticks with digital copies for everyone and they will be delivered to you on March 30<sup>th</sup>.

If you haven't already received a copy, please find attached the ToR Notice of Approval and Approval Letter from the MOECC.

Looking forward to meeting you,  
Becky Oehler

905-680-3675

---

**From:** Becky Oehler  
**Sent:** Thursday, March 24, 2016 12:53 PM  
**To:** [REDACTED]  
**Subject:** CLC Meeting April 6, 2016  
**Attachments:** 2016-03-17 Letter to Walker.pdf; 2016-03-17 Southwestern ToR NoA.pdf

Good afternoon,

As you may know, the Terms of Reference was approved for the Southwestern Landfill Proposal. We received the Notice of Approval from the Ministry of Environment and Climate Change (MOECC) on March 18<sup>th</sup>.

I was able to speak to or leave a message for each of you on March 18<sup>th</sup>. This week, Darren has been connecting with several CLC members. If we've missed you, please feel free to call Darren at your convenience at 905-329-4265.

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If you haven't already received a copy, please find attached the ToR Notice of Approval and Approval Letter from the MOECC.

Looking forward to meeting you,  
Becky Oehler

905-680-3675





*A Walker Industries Company*

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

March 28, 2016

To: Southwestern Landfill Proposal Community Liaison Committee

**RE: Material from Notice of Approval (March 18, 2016)**

Please find enclosed a bound hard copy and a digital copy on USB drive of:

- Terms of Reference, submitted August 29, 2013
- Amendment to the Terms of Reference, submitted May 26, 2014
- Letter of Approval, received March 18, 2016
- Terms of Reference Notice of Approval, received March 18, 2016

We look forward to seeing you at the Community Liaison Committee on April 6, 2016 at 6:00 pm at our Ingersoll Office (160 Carnegie Street, Ingersoll ON).

Warm Regards,

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

Becky Oehler  
Consultation Manager

**From:** [Becky Oehler](#)  
**Subject:** RE: CLC Meeting April 6, 2016  
**Date:** Tuesday, March 29, 2016 9:41:00 AM  
**Attachments:** [image001.png](#)

---

Good morning,

This email is to confirm that there will be a CLC meeting on Wednesday, April 6<sup>th</sup> at 6:00 pm. As usual, the meeting will be held at our office at 160 Carnegie St. in Ingersoll.

Please let me know if you have any questions.

Looking forward to seeing you there,  
Becky

---

**From:** Becky Oehler  
**Sent:** Thursday, March 24, 2016 12:53 PM  
**To:** [REDACTED]

**Subject:** CLC Meeting April 6, 2016

Good afternoon,

As you may know, the Terms of Reference was approved for the Southwestern Landfill Proposal. We received the Notice of Approval from the Ministry of Environment and Climate Change (MOECC) on March 18<sup>th</sup>.

I was able to speak to or leave a message for each of you on March 18<sup>th</sup>. This week, Darren has been connecting with several CLC members. If we've missed you, please feel free to call Darren at your convenience at 905-329-4265.

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If you haven't already received a copy, please find attached the ToR Notice of Approval and Approval Letter from the MOECC.

Looking forward to meeting you,  
Becky Oehler

905-680-3675

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

---

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---

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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:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](#); [Joe Tomaino](#); [REDACTED]  
**Subject:** SWLF CLC Meeting April 6, 2016  
**Date:** Thursday, March 31, 2016 4:17:55 PM  
**Attachments:** [Agenda - CLC Meeting 16 - April 6, 2016.pdf](#)  
[CE March 2016.pdf](#)

---

Good afternoon,

Please find attached the Agenda for the April 6, 2016 CLC meeting, at 6:00 pm. The meeting is scheduled for 2.5 hours, and Anneliese, the EA Advisor, will be available for an hour after the meeting.

I've also attached a digital copy of the *Community Exchange* that was sent out this week to our mailing list, which includes the CLC.

Looking forward to seeing you next week,  
Becky

905-680-3675

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: CLC Meeting April 6, 2016  
**Date:** Thursday, March 31, 2016 9:34:26 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

Thanks for your email. I'm glad you'll be able to make next week's meeting.

Given the long wait since the last CLC meeting, there may be a few CLC members who can no longer regularly attend. We'll be discussing how to move forward as a group. Until there is an updated approach, [REDACTED] is welcome to sit in as your Alternate.

Looking forward to meeting you on Wednesday,  
Becky

---

**From:** [REDACTED]  
**Sent:** Wednesday, March 30, 2016 4:52 PM  
**To:** Becky Oehler  
**Cc:** [REDACTED]  
**Subject:** Re: CLC Meeting April 6, 2016

Hi Becky.

I will be at next week's meeting as long as we don't have a crisis at work.

Just so you know, I will be switching places with my alternate, [REDACTED]. He has been my alternate for quite some time and you already have him on file as my official alternate. With my work schedule and continuity we both felt it made more sense for him to fill in as the CLC member and I be available as his alternate. I've cc'd him in this email so that you can send him the info directly. Can you please respond so that I know you've received this before Wednesday's meeting. I'm out of town tomorrow and Friday for work.

Thanks in advance.

[REDACTED]  
[REDACTED]

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Becky Oehler  
**Sent:** Tuesday, March 29, 2016 9:41 AM  
**Subject:** RE: CLC Meeting April 6, 2016

Good morning,

This email is to confirm that there will be a CLC meeting on Wednesday, April 6<sup>th</sup> at 6:00 pm. As usual, the meeting will be held at our office at 160 Carnegie St. in Ingersoll.

Please let me know if you have any questions.

Looking forward to seeing you there,  
Becky

---

**From:** Becky Oehler  
**Sent:** Thursday, March 24, 2016 12:53 PM  
**To:** [REDACTED]

**Subject:** CLC Meeting April 6, 2016

Good afternoon,

As you may know, the Terms of Reference was approved for the Southwestern Landfill Proposal. We received the Notice of Approval from the Ministry of Environment and Climate Change (MOECC) on March 18<sup>th</sup>.

I was able to speak to or leave a message for each of you on March 18<sup>th</sup>. This week, Darren has been connecting with several CLC members. If we've missed you, please feel free to call Darren at your convenience at 905-329-4265.

We've heard that there is interest in meeting to discuss the Notice of Approval, and we'd like to propose a **meeting date of Wednesday, April 6 at 6:00 pm**. Please let me know as soon as possible if this date and time is suitable for you. We would like to discuss the Minister's decision, outline some next steps and answer any questions you have. Please note that this meeting is in addition to the CLC meeting commitment we have made at the Notice of Commencement. We are still committed to holding a CLC meeting when we are ready to issue the Notice of Commencement and officially start the next phase of the EA.

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Looking forward to meeting you,  
Becky Oehler

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](#); [Joe Tomaino](#); [REDACTED]  
**Subject:** SWLF CLC Meeting April 6, 2016  
**Date:** Thursday, March 31, 2016 4:17:55 PM  
**Attachments:** [Agenda - CLC Meeting 16 - April 6, 2016.pdf](#)  
[CE March 2016.pdf](#)

---

Good afternoon,

Please find attached the Agenda for the April 6, 2016 CLC meeting, at 6:00 pm. The meeting is scheduled for 2.5 hours, and Anneliese, the EA Advisor, will be available for an hour after the meeting.

I've also attached a digital copy of the *Community Exchange* that was sent out this week to our mailing list, which includes the CLC.

Looking forward to seeing you next week,  
Becky

905-680-3675

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** SWLF CLC Meeting April 6, 2016  
**Date:** Monday, April 04, 2016 3:28:18 PM  
**Attachments:** [Agenda - CLC Meeting 16 - April 6, 2016.pdf](#)  
[2016-03-17 Letter to Walker.pdf](#)  
[2016-03-17 Southwestern ToR NoA.pdf](#)

---

Hi [REDACTED]

I received your contact information from [REDACTED] who said you will probably be able to attend the Southwestern Landfill (SWLF) Proposal Community Liaison Committee (CLC) meeting this Wednesday, April 6<sup>th</sup> at 6 pm. Dinner will be provided at the meeting, so please let me know if you have any dietary restrictions.

I've attached the Agenda for the meeting. Also attached are the Notice of Approval and Letter of Decision from the Ministry of Environment and Climate Change (MOECC), which were distributed to the CLC when the MOECC approved the Terms of Reference.

Please let me know if you have any questions, I'm available by phone (905-680-3675) or by email.

Looking forward to meeting you,

Becky



**From:** [Darren Fry](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: MoE CLC Participation for Southwest Landfill Proposal  
**Date:** Friday, May 20, 2016 8:16:58 AM  
**Attachments:** [MoE CLC Participation Letter.pdf](#)

---

Letter attached.

---

**From:** [REDACTED]  
**Sent:** Monday, April 04, 2016 1:47 PM  
**To:** Evers, Andrew (MOECC)  
**Cc:** [REDACTED] Darren Fry  
**Subject:** Fwd: MoE CLC Participation for Southwest Landfill Proposal

Good Afternoon Andrew,  
I am just following up on the request I made last week regarding your or the ministry's representation at our CLC meeting with Walker Environmental Group. The meeting is this Wednesday April 6th, at 6:00 pm as the letter suggests at their Ingersoll office.

If you could please let me know if you are planning to come or have someone who can speak for you, our group would appreciate it.

[REDACTED]

Cc Darren Fry  
Ernie Hardeman

Sent from [Outlook Mobile](#)

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

**From:** [REDACTED]  
**Date:** Tue, Mar 29, 2016 at 5:19 PM -0700  
**Subject:** MoE CLC Participation for Southwest Landfill Proposal  
**To:** <[andrew.evers@ontario.ca](mailto:andrew.evers@ontario.ca)>  
**Cc:** <[glen.murray@ontario.ca](mailto:glen.murray@ontario.ca)>, <[swlandfillproposal.moe@ontario.ca](mailto:swlandfillproposal.moe@ontario.ca)>, <[dan.delaquis@ontario.ca](mailto:dan.delaquis@ontario.ca)>

Mr Evers,  
Could you please review the attached letter from the community liaison committee for the Southwest landfill proposal.  
Thank you,

[REDACTED]

[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Subject:** RE: members of CLC  
**Date:** Thursday, April 07, 2016 10:47:41 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

From a quick review your list looks pretty complete. I haven't had a chance to go through my notes and the flip chart yet, but when I do I'll get back to you on any additional items.

Thanks again,  
Becky

**From:** [REDACTED]  
**Sent:** Thursday, April 07, 2016 10:43 AM  
**To:** Becky Oehler  
**Cc:** Darren Fry  
**Subject:** Re: members of CLC

Thanks Becky  
Actually there is something that you can confirm from last night's meeting

I know that some items have been held over for the next meeting but this gives everyone a chance to come up with ideas and suggestions on how things will work going forward  
I jotted down some notes specifically to role of CLC but just want to confirm I have them all

**Membership:** who are members/alternates, are there some who don't wish to continue etc, what will be the make-up going forward

**Charter:** is there any areas that need to be re examined and amended

**Facilitation:** How/who will take this role, ideas for keeping meeting in order and on track

**Frequency/ timing:** Are Wed still best time, length of meetings

**Minutes:** How the group will deal with minutes from previous meetings

**Timing of material provided in advance:** does the 10 day prior work for everyone, form of communication and delivery

**Substance...**quality of time spent on minutes etc, want to have productive meetings

**Conflict resolution:** what are suggestions to to handle conflict when it arises

Did I miss any?

Thanks in advance  
[REDACTED]

On Thu, Apr 7, 2016 at 9:55 AM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Hi [REDACTED]

Thanks so much for this information, I really appreciate it. Today I'm working on making sure we have everyone's updated contact information, and a solid list to work with for the next meeting. Let me know if you ever want to come in for a chat, I'm happy to meet.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Thursday, April 07, 2016 8:37 AM  
**To:** Darren Fry; Becky Oehler  
**Subject:** members of CLC

Here is a list of the original 10 community members of CLC with addition of three Agricultural in spring of 2013.  
I have noted the vacant seats.  
There may be some incorrect spelling in some of the names  
Hope this helps

### **Original members of CLC**

[REDACTED]

### **Additions -Members of Agriculture Community**

[REDACTED]

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

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T: [905-680-3675](tel:905-680-3675)  
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Toll free: [866-694-9360](tel:866-694-9360)  
[www.walkerind.com](http://www.walkerind.com)



**From:** [Darren Fry](#)  
**To:** ["CAO"](#)  
**Subject:** RE: CLC  
**Date:** Friday, April 08, 2016 4:38:37 PM

---

Hello Mary Ellen,

Sorry I wasn't able to get back to you yesterday.

Thank you for the input. We too recognize that there are several components of the CLC that need to be addressed, many of which were identified at this week's meeting. This was a primary goal of ours – to identify and begin to address the issues in a democratic manner.

The points you raise are important and I appreciate you sharing them with me. We are committed to ensuring the CLC conversation is relevant, meaningful and effective and will work the group to move in this direction.

I look forward to seeing you at the JMCC meeting.

Regards,  
Darren

---

**From:** CAO [mailto:cao@swox.org]  
**Sent:** Thursday, April 07, 2016 10:20 AM  
**To:** Darren Fry  
**Subject:** CLC

Hi Darren:

Anneliese did a good job last night; while wearing two hats. The reconvening of the CLC is greatly appreciated. As the proponent you are fully aware of the demands moving forward and understand the need to educate the CLC. There are a few of the observers that attend the CLC meeting that also sit on the JMCC. The JMCC is also learning and will be moving forward as well.

I realize the last night's meeting was the first meeting and that people are becoming re-engaged in this process. The meeting last night was respectful and those participating well meaning. It is apparent to me that the strategy of a couple of the members continues to be delving into the past and challenging insignificant matters. While I am sure their intentions are sincere the end result is time wasted. That isn't a problem for the first meeting. It will be an issues if it continues to happen.

While this may be CLC Version 2 there are several components of Version 1 that need to be integrated or deleted.

You need a strong facilitator; wearing only 1 hat. I realize that last night was a temporary measure; however based on my experience on the Version 1 of the CLC there needs to be a strong facilitator found asap to move forward with the group. Don MacLeod commented last night about how long

the minutes used to take to pass. I saw some signs of this misuse of time last night when discussing something as simple as CLC membership. Again I am not criticizing as it was an initial meeting.

You have a great deal of experience and have my confidence in moving the CLC forward. There are members of the CLC that are truly interested in learning and it is everyone's hope that there will be no interference by a couple of members in this learning process.

Thanks for listening Darren.

*Mary Ellen Greb*

Chief Administrative Officer

Township of South-West Oxford

312915 Dereham Line

Mount Elgin, ON N0J 1N0

519-485-0477 or 519-877-2702 Fax 519-485-2932

email: [cao@swox.org](mailto:cao@swox.org)

-

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*"A leader in the development and delivery of municipal services for the growth and well being of our community."*

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**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](#); [Joe Tomaino](#); [REDACTED]  
**Subject:** SWLF CLC Meeting April 20, 2016, 6:00 pm  
**Date:** Tuesday, April 12, 2016 11:51:23 AM  
**Attachments:** [Agenda - CLC Meeting 16 \(part 2\) - April 20, 2016.pdf](#)  
[CLC Charter.pdf](#)

---

Good afternoon,

Please find attached the Agenda for the April 20, 2016 CLC meeting, at 6:00 pm. The meeting is numbered "CLC Meeting 16 (part 2)" as this is a continuation of the discussion from the previous meeting. The meeting is scheduled for 3 hours, and Anneliese, the EA Advisor, will be available for an hour after the meeting.

I've also attached a digital copy of the CLC Charter for your reference.

Dinner will arrive by 5:45 pm, please feel free to arrive early for dinner.

Looking forward to seeing you next week,  
Becky

905-680-3675

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Subject:** RE: April 20th Meeting  
**Date:** Tuesday, April 12, 2016 6:16:24 PM  
**Attachments:** [Agenda - CLC Meeting 16 \(part 2\) - April 20, 2016.pdf](#)  
[CLC Charter.pdf](#)

---

Hi [REDACTED]

My sincere apologies. I used the mailing list I had set up for the previous meeting, which listed [REDACTED] as the main contact and you as the alternate. I now have you as the main contact, as indicated by [REDACTED] at the last meeting.

Again, sorry about that.

See you next week,  
Becky

---

**From:** [REDACTED]  
**Sent:** Tuesday, April 12, 2016 6:07 PM  
**To:** Becky Oehler  
**Cc:** Darren Fry  
**Subject:** April 20th Meeting

Becky

I have been told that information for this meeting has been sent to CLC members, I did not receive anything.

[REDACTED]

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: SWLF CLC Meeting April 20, 2016, 6:00 pm  
**Date:** Tuesday, April 12, 2016 12:50:36 PM  
**Attachments:** [image001.png](#)

---

**From:** [REDACTED]  
**Sent:** Tuesday, April 12, 2016 12:50 PM  
**To:** Becky Oehler  
**Subject:** Re: SWLF CLC Meeting April 20, 2016, 6:00 pm

got them...thank you  
see you on the 20th

On Tue, Apr 12, 2016 at 12:48 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
No problem [REDACTED] please let me know if the attachments don't work for you.

**From:** Mary Cooper [mailto:[cooperm043@gmail.com](mailto:cooperm043@gmail.com)]  
**Sent:** Tuesday, April 12, 2016 12:46 PM  
**To:** Becky Oehler  
**Subject:** Re: SWLF CLC Meeting April 20, 2016, 6:00 pm

Hi Becky

Given that I am going to be attending for [REDACTED] at this meeting, is it possible to send the attachment of agenda and Charter?  
For some reason the attachment didn't come through on this email

Thanks  
[REDACTED]

On Tue, Apr 12, 2016 at 12:32 PM, [REDACTED] wrote:  
Hi Becky -

I just wanted to let you know that I am unable to attend the meeting on the 20th. [REDACTED]  
my alternate, will attend in my place.  
Thanks so much,  
[REDACTED]



April 12, 2016

[REDACTED]

Dear [REDACTED]

**RE: SWLF CLC Meeting April 20, 2016 – 6:00 pm**

Further to the CLC meeting scheduled for April 20, 2016 at 6:00 pm the following email was sent out.

*Good afternoon,*

*Please find attached the Agenda for the April 20, 2016 CLC meeting, at 6:00 pm. The meeting is numbered "CLC Meeting 16 (part 2)" as this is a continuation of the discussion from the previous meeting. The meeting is scheduled for 3 hours, and Anneliese, the EA Advisor, will be available for an hour after the meeting.*

*I've also attached a digital copy of the CLC Charter for your reference.*

*Dinner will arrive by 5:45 pm, please feel free to arrive early for dinner.*

*Looking forward to seeing you next week,  
Becky*

*905-680-3675*

Thank you,

Leticia Koole  
EA Assistant

Encl.

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Agenda question  
**Date:** Wednesday, April 13, 2016 12:56:13 PM

---

Hi [REDACTED], thanks for your note.

I left approval of transcript from Meeting #15 out of the business arising section because transcript/minutes are listed as a discussion item. This way we can talk about it all at once. If there is a discrepancy or other item of note/concern in the transcript from Meeting 15, please feel free to send that information to me so that I can look into it before the meeting and be ready to discuss or provide follow up.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Wednesday, April 13, 2016 10:07 AM  
**To:** Becky Oehler  
**Subject:** Agenda question

Hi Becky

I have a question about the agenda as I want to confirm procedure and not muddle the meeting with something that should be dealt with at a different time.

Under the Business Arising section, it says that it would be items carried over from previous meeting and then list in bullets about CLC membership. I know at the last meeting there was an agreement to carry over minute approval from meeting #15 as there was an indication there might be some discussion. Will this be included in the Business Arising? Or is this better suited for the following meeting? I don't have a problem either way; I just have a question about the minutes and want to bring it up at the appropriate time.

Thanks

[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Communication Record  
**Date:** Wednesday, April 13, 2016 3:24:30 PM

---

Stakeholder: [REDACTED]  
Date: April 13, 2016  
Time: 2:30 pm  
Method: Phone conversation  
Team member: Becky

Summary:

[REDACTED] called me to discuss a few things:

- 1) [REDACTED] named a new Alternate – [REDACTED] and provided [REDACTED] contact information [REDACTED]
- 2) Asked that we mail [REDACTED] the draft agricultural work plan ([REDACTED] can't find his copy)
- 3) Asked if we will be mailing out the transcript to the mail preference CLC members; said we did this in the past

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Friday, April 15, 2016 10:51:43 AM  
**Attachments:** [image003.png](#)

---

Hi [REDACTED]

Thanks for your question, it was very helpful! I thought I had reviewed the most up-to-date business arising report but your question prompted me to check again, and I was mistaken. I'm now reviewing the most up-to-date report, which I'll update to identify how each item was resolved, and provide that information to the CLC.

Thanks and see you on Wednesday,  
Becky

**From:** [REDACTED]  
**Sent:** Wednesday, April 13, 2016 1:04 PM  
**To:** Becky Oehler  
**Subject:** [REDACTED]

Thanks Becky...wasn't quite sure how these things work.  
The minutes are transcripts so I don't have any issue with them, my question was that this meeting took place after the TOR was submitted and there were some action items coming from that meeting.  
I am just wondering, if/how they will be looked at in the future will they be carried over?  
I know a couple are about health studies so may not be answered right away, I just don't want these things to be lost in the shuffle

On Wed, Apr 13, 2016 at 12:56 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Hi [REDACTED] thanks for your note.

I left approval of transcript from Meeting #15 out of the business arising section because transcript/minutes are listed as a discussion item. This way we can talk about it all at once. If there is a discrepancy or other item of note/concern in the transcript from Meeting 15, please feel free to send that information to me so that I can look into it before the meeting and be ready to discuss or provide follow up.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Wednesday, April 13, 2016 10:07 AM  
**To:** Becky Oehler  
**Subject:** [REDACTED]

Hi Becky

I have a question about the agenda as I want to confirm procedure and not muddle the meeting with something that should be dealt with at a different time.

Under the Business Arising section, it says that it would be items carried over from previous meeting and then list in bullets about CLC membership. I know at the last meeting there was an agreement to carry over minute approval from meeting #15 as there was an indication there might be some discussion. Will this be included in the Business Arising? Or is this better suited for the following meeting? I don't have a problem either way; I just have a question about the minutes and want to bring it up at the appropriate time.

Thanks



**Becky Oehler**, M.Sc.

Consultation Manager

Strategic Growth

---

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Updated EA Website  
**Date:** Wednesday, April 20, 2016 4:57:09 PM

---

Hi [REDACTED], thanks for letting me know!

---

**From:** [REDACTED]  
**Sent:** Wednesday, April 20, 2016 4:51 PM  
**To:** Becky Oehler  
**Subject:** Re: Updated EA Website

Hi Becky  
I'm in the field and won't make the meeting tonight

[REDACTED]

Op Apr 15, 2016 om 13:44 heeft Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> [REDACTED]

Good afternoon,

This is an information email to the Community Liaison Committee, including alternates, to let you know that the [website for the Southwestern Landfill Environmental Assessment](#) ([www.walkerea.com](http://www.walkerea.com)) has been significantly updated. The update is intended to make information easier to find, and content more accessible.

We will continue to inform the CLC of important updates, but I encourage you to [subscribe](#) to the website for updates as well. The new subscribe feature allows people to sign up for only the updates they're interested in. We will be asking people who signed up for email updates to subscribe to the website.

I hope that you'll take time to [browse the site](#) and [subscribe](#). If you have any questions, comments, or suggestions, please let me know. As we move forward, I hope you'll share with me your ideas for how we can effectively inform and engage with the community through the website, as well as through other mediums.

Warm regards,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

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[<image6805d2.PNG>](#)

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**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** CORRECTION: CLC Meeting May 25, 2016  
**Date:** Thursday, April 21, 2016 3:42:14 PM  
**Attachments:** [image001.png](#)

---

My apologies – I made a mistake on the date. It should be **Wednesday, May 25, 2016 at 6:00 pm**

Sorry for the confusion!

---

**From:** Becky Oehler  
**Sent:** Thursday, April 21, 2016 3:24 PM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** CLC Meeting May 26, 2016

Good afternoon,

This email is to the CLC and their alternates, as notification that the next CLC meeting will be held on **Wednesday, May 26, 2016 at 6:00 pm**. The meeting will be held at our regular location, in the downstairs boardroom at the Walker Environmental office at 160 Carnegie Street, Ingersoll, ON. Meeting materials will be provided at least 10 days in advance.

Members – please let me know if you are unable to attend and if your alternate will attend in your place.

Please let me know if you have any questions.

Best wishes,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Thursday, April 21, 2016 12:42:00 PM

---

Hi [REDACTED]

Thanks for your email, and for your participation last night at the CLC meeting. I think this is an excellent suggestion, and I've got it in my notes for later.

I'm really looking forward to working with you on developing ways to communicate, I know you have a passion for it and I really appreciate the work you've done to provide information in the community. Like I said, anytime you're free and want to come in and chat, we can set something up.

Thanks again,  
Becky

**From:** [REDACTED]  
**Sent:** Thursday, April 21, 2016 12:20 PM  
**To:** Becky Oehler  
**Subject:** [REDACTED]

Hi Becky

I know this is a ways down the road but when we get to finalizing work plans it would also be helpful to keeping the meeting on track and productive to have the experts point out the changes in the plans and explain why they were incorporated (example: because of preferred alternative chosen; or to incorporate amendments from Minister).

I think this could help in understanding the how and why something is being done.

Thanks  
[REDACTED]



**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Friday, April 22, 2016 11:28:49 AM

---

Thanks [REDACTED]! Please feel free to keep sending them along! I've started a folder where I'll keep ideas that we can review as we go along.

**From:** [REDACTED]  
**Sent:** Thursday, April 21, 2016 6:44 PM  
**To:** Becky Oehler  
**Subject:** [REDACTED]

these are just ideas...no pressure whatsoever!

On Thu, Apr 21, 2016 at 4:02 PM, [REDACTED] wrote:  
Hi Becky

I have been brainstorming some ideas and came up with this one for a start  
I am sure I will think of more points for it as well as other ideas for consultation as we move along

[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: Transcripts  
**Date:** Tuesday, April 26, 2016 11:33:19 AM  
**Attachments:** [image001.png](#)

---

[REDACTED] – I'm stepping out until 1:30 but I will leave the package in the mailbox for you if you come by in the interim.

Thanks,  
Darren

---

**From:** Becky Oehler  
**Sent:** Tuesday, April 26, 2016 10:15 AM  
**To:** [REDACTED]  
**Cc:** Darren Fry  
**Subject:** RE: Transcripts

Hi [REDACTED], I'm not in Ingersoll today but Darren is there, so you can drop by and pick up the transcript this afternoon if you'd like.

---

**From:** [REDACTED]  
**Sent:** Tuesday, April 26, 2016 10:11 AM  
**To:** Becky Oehler  
**Subject:** RE: Transcripts

I can come tomorrow, or I could come this afternoon if it is ready, whichever works.

---

**From:** [BOehler@walkerind.com](mailto:BOehler@walkerind.com)  
**To:** [REDACTED]  
**Subject:** RE: Transcripts  
**Date:** Tue, 26 Apr 2016 14:06:07 +0000

Ok that sounds great [REDACTED]! Are you available to come by tomorrow or Thursday? I'll be there both days, from 9am to at least 3 pm. I'm just about to send out the transcript from the meeting on April 6<sup>th</sup>.

---

**From:** [REDACTED]  
**Sent:** Tuesday, April 26, 2016 10:04 AM  
**To:** Becky Oehler  
**Subject:** RE: Transcripts

Hey Becky

Thank you for asking, I would like everything in hard copy including the Transcripts, BUT you do not need to mail them, I only live 4 or 5 blocks from your office and I would be more than happy to pick up anything that is available, just let me know by email.

■

---

From: [BOehler@walkerind.com](mailto:BOehler@walkerind.com)

To: [grouchydubear@msn.com](mailto:grouchydubear@msn.com)

Subject: Transcripts

Date: Tue, 26 Apr 2016 13:39:26 +0000

Hi ■

Hope you're doing well! I know you like to have hard copies, so I will continue to send you CLC materials by mail in addition to email. However, I thought I would check with you about transcripts – do you want transcripts mailed in hard copy?

Thanks,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

---

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Community Liaison Committee  
**Date:** Thursday, May 05, 2016 3:04:23 PM

---

Hi [REDACTED]

I have reserved an observer seat for you at the CLC meeting on May 25th. The meeting starts at 6:00 pm, but you are welcome to arrive any time after 5:30 pm to settle in. Please use the entrance on the right side of the building since we are meeting in the boardroom on the lower level of the building.

Looking forward to meeting you on the 25th,  
Becky

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

From: Info@walkerea.com  
Sent: Thursday, May 05, 2016 2:44 PM  
To: Becky Oehler  
Subject: FW: Community Liaison Committee

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

From: noreply@walkerea.com [<mailto:noreply@walkerea.com>] On Behalf Of [REDACTED]  
Sent: Thursday, May 05, 2016 1:45 PM  
To: Info@walkerea.com  
Subject: Community Liaison Committee

I wish to reserve a seat as an Observer at the Community Liaison Committee on May 25, 2016!

-----  
Origin: <http://www.walkerea.com/en/Modules/News/index.aspx?newsId=94865b22-369e-476d-a004-467b9c8f2ab4>  
-----

This email was sent to you by [REDACTED] through  
<http://www.walkerea.com/>.

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: I have a question  
**Date:** Thursday, May 05, 2016 9:17:25 AM

---

Hi [REDACTED]

Thanks for your email. The "letter of clarity" Darren referred to is maybe better called a "letter of acknowledgement" (however, there's no technical term for it). This is a letter from Walker to the Ministry of Environment and Climate Change that acknowledges the approval of the Terms of Reference, that we will comply with the amendments, and how we will comply with the amendments. Really the purpose of this letter is to make sure that we carry out the requirements of the amendments in the way that the MOECC intended them to be carried out. This letter will be shared with the CLC, and hopefully will be a tool to promote clarity around the amendments for everyone.

Thanks for your question, talk to you soon!  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, May 03, 2016 10:52 AM  
**To:** Becky Oehler  
**Subject:** [REDACTED]

Hi Becky

At the last CLC meeting, Darren mentioned a "letter of clarity"  
Could you please explain to me what that is exactly?

Thank you  
[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: requesting agenda item for CLC meeting  
**Date:** Friday, May 06, 2016 10:59:31 AM  
**Attachments:** [image001.png](#)

---

Sounds good, thanks [REDACTED]. Sorry about the search function, it's being worked on right now.

Becky

**From:** [REDACTED]  
**Sent:** Friday, May 06, 2016 10:29 AM  
**To:** Becky Oehler  
**Subject:** Re: requesting agenda item for CLC meeting

I had tried the "search" function as well but I was thinking that I was asking the wrong question lol

I am sure we will be navigating it as easily as the old one once we are use to it.

I think 10 minutes will be more than sufficient. I am sure your explanation will answer all questions and I agree we don't want to take time away from other items.

Thanks for adding the item.

[REDACTED]

On Fri, May 6, 2016 at 10:22 AM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Hi [REDACTED]

I would be more than happy to give a run-through of the new website, with focus on the documents section. I found it a bit confusing too when we started, but now I find it pretty easy to navigate.

Also, I just tried the search function on the documents page and found out that it doesn't work! I hadn't tried it before, so thanks for prompting me to check. I'll get in touch with the website developer to get that fixed ASAP, then you should be able to search for the titles you're familiar with.

I will add this as an agenda item – do you think 10 minutes would be ok? I could run through for 5 minutes then we could have a few minutes for questions? I don't want to take too much time away from other agenda topics.

Thanks very much for bringing this forward!

Becky

**From:** [REDACTED]  
**Sent:** Friday, May 06, 2016 9:25 AM

**To:** Becky Oehler  
**Subject:** requesting agenda item for CLC meeting

Hi Becky

I was talking with some of the CLC members and we are hoping that you could give us a quick tutorial at the CLC meeting on the new WEG website as some of us are having trouble navigating.

An example of this is: we had become accustomed to looking for an appendix letter and part number as it appeared on the old website (many of us have used this method for referencing our notes) now we are having trouble locating them.

We are asking that you give us a quick lesson in how it was laid out so we can navigate the website more easily. Could this be added as an agenda item?

Thanks



**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Next meeting  
**Date:** Friday, May 06, 2016 8:56:00 AM

---

Hi [REDACTED]

Thanks for letting me know! I'm glad [REDACTED] will be able to attend, and I will send out a copy of the Terms of Reference to [REDACTED]

Have fun in the woods!

Becky

---

**From:** [REDACTED]  
**Sent:** Thursday, May 05, 2016 12:37 PM  
**To:** Becky Oehler  
**Subject:** Next meeting

Hi Becky

I will not be attending the meeting on May 26 – I take my role as old retired guy very seriously and am disappearing into the woods for a month. [REDACTED] will be at the table in my place. If he has not already requested a paper copy of the Terms of Reference, please get one to [REDACTED] Thanks  
[REDACTED]

Sent from [Mail](#) for Windows 10



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**From:** boehler@walkerind.com  
**Sent:** Sunday, May 15, 2016 3:25 PM  
**To:** [REDACTED]  
**Subject:** Re: Questions from Community Members

---

Hi [REDACTED]

Yes I've send out hard copies to non-email members, and I'll bring some extra copies to the meeting.

Hope you're having a great weekend!

Becky

---

**From:** [REDACTED]  
**Sent:** Sunday, May 15, 2016 11:23 AM  
**To:** Becky Oehler  
**Cc:** [REDACTED] Darren Fry  
**Subject:** Questions from Community Members

---

Becky

Do you plan on providing hard copies of the CLC questions to the non-email members and the government representatives at the May 25th meeting?

I had planned to have copies available for them so they could follow the answers from the MOECC, but it you are going to do it I won't have to.

Thanks

[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: requesting agenda item for CLC meeting  
**Date:** Monday, May 16, 2016 10:20:41 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

I hope you had a great weekend!

I think the documents section of the website should be a little easier to navigate now. First, we got the search function working, so that should be a big help! Thanks for letting me know about that! Second, I've tried to provide more options in the "subject tree" on the left hand side in the Terms of Reference section and the Notices section, which will hopefully make it easier to find what you're looking for (for example, places to click to see just the main documents so they're not buried in all the appendices).

There's 10 minutes set aside in the agenda of the next CLC meeting to review the website, and specifically the documents section. If you check it over and have any more feedback, please let me know. My goal is to make the website as easy to navigate as possible.

Thanks,  
Becky

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](#); [Joe Tomaino](#)  
**Subject:** RE: May 25, 2016 CLC Meeting Materials & April 20, 2016 Transcript  
**Date:** Wednesday, May 18, 2016 4:07:16 PM  
**Attachments:** [image001.png](#)

---

Good afternoon,

I'd like to provide clarification about the document titled "07 - Summary CLC & Public Consultation Commitments Timeline". This document is intended to respond to a CLC request to identify the CLC and public consultation commitments, how they align with the process set out in the ToR, and the estimated timeline. It is also intended to be a reference point for discussing additional meetings throughout the process.

Please let me know if you have any questions.

Looking forward to seeing you on the 25<sup>th</sup>,  
Becky

---

**From:** Becky Oehler  
**Sent:** Friday, May 13, 2016 6:21 PM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** Darren Fry; Joe Tomaino  
**Subject:** May 25, 2016 CLC Meeting Materials & April 20, 2016 Transcript

To the Community Liaison Committee Members and Alternates:

Please find attached the materials for Community Liaison Committee Meeting #17, which will be held on Wednesday, May 25, 2016 at 6:00 pm. Also attached is the transcript from the April 20, 2016 meeting.

We are sensitive to the request for a new facilitator for the CLC in a timely fashion. At the May 25<sup>th</sup> meeting, Anneliese Grieve will act as facilitator as well as fulfilling her role as EA Advisor. We have spent time seeking and reviewing potential facilitators, and are currently in the process of interviewing in order to provide a list of pre-approved facilitators. From this list, the CLC will interview and select the new facilitator.

Please let me know if you have any comments or questions prior to the meeting.

Have a great weekend,

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: EA phase timeline question  
**Date:** Wednesday, May 18, 2016 4:05:26 PM

---

Hi [REDACTED]

Thanks for checking with me about this, I'm really appreciative of the time you spend answering questions and providing clarification.

Yes, please feel free to share your timeline, but I would ask that you identify that it's an estimate only and it might change.

I really like the scale you've identified on your timeline (basically four main phases). It has enough detail to identify key phases, but not too much detail, which can be confusing. Do you think this timeline scale would be most helpful to the community in regular updates like the Community Exchange and on the website? The timeline we normally use is broader, so any feedback would be great.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Wednesday, May 18, 2016 3:29 PM  
**To:** Becky Oehler  
**Subject:** EA phase timeline question

Hi Becky

People are stuck on a timeline for what is happening when. I have gone through the four main steps in EA and given them an approximate timeline based on Walker's consultation commitments and timeline in the meeting materials.

I realize that these are "estimated" timelines but it will be a start. Am I correct in what I have for info below, AND do I have permission to share this info as I know that the consultation and commitments timeline is part of the CLC meeting material that hasn't yet been released to public.

Thanks  
[REDACTED]

**1. Evaluation of Alternative Methods & Identification of Preferred Alternative**

Approximate Timeline: June to Sept 2016

**2. Finalize Technical Work Plans** (Including finalizing baseline scenario)

Approximate Timeline: Oct 2016-Jan 2017

**3. Technical & Scientific Studies/Assessments** (Including Review of the Preferred Design and Mitigation Programs)

Approximate Timeline: March 2017 –April 2018

**4. Draft and Final EA Documents**

Approximate Timeline: Summer 2018- Fall 2018

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Communications Report  
**Date:** Monday, May 30, 2016 2:52:22 PM

---

Date: May 25, 2016

Time: 2:45 pm

Person: [REDACTED]

Type: Phone Call (follow-up)

Summary:

Called [REDACTED] to follow up on a voicemail [REDACTED] left last week. Two items:

- 1) When I tried to send the meeting materials to [REDACTED] email address for CLC meeting 17, the email was returned (issue with [REDACTED] inbox), so [REDACTED] wanted me to try and re-send, which I did and it was successful.
- 2) [REDACTED] asked if [REDACTED] could have the recordings for the meetings, my response was that we are not providing access to the recordings because the transcript is available and there will be a meeting summary. I also let [REDACTED] know that specifically for the last meeting, Andrew Evers, MOECC Special Project Office will be providing written responses to the questions that were provided (written) as well as responses to questions that came up during the meeting that [REDACTED] said [REDACTED] would find a response and get back to the committee.

[REDACTED] requested that I talk to Darren again about the recordings because [REDACTED] wants to listen to the part of the meeting [REDACTED] missed so it's easier to follow the transcript. I said I would talk to Darren again and get back to [REDACTED].

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: May 25, 2016 CLC Meeting Materials & April 20, 2016 Transcript  
**Date:** Wednesday, May 25, 2016 9:20:17 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

Thanks for letting me know. There will be a summary of today's meeting in addition to the transcript, and if you'd like we could discuss the meeting later if you have any questions.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, May 24, 2016 10:37 PM  
**To:** Becky Oehler  
**Subject:** Re: May 25, 2016 CLC Meeting Materials & April 20, 2016 Transcript

Hi Becky

Unfortunately I am unable to attend tomorrow's CLC meeting.  
Leslie Hancock is not available as he is out of the Country.  
I will look forward to the meeting minutes/.  
Kind Regards  
[REDACTED]

Yours in [REDACTED]  
[REDACTED]



[REDACTED]

[REDACTED]

On Wed, May 18, 2016 at 4:07 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Good afternoon,

I'd like to provide clarification about the document titled "07 - Summary CLC & Public Consultation Commitments Timeline". This document is intended to respond to a CLC request to identify the CLC and public consultation commitments, how they align with the process set out in the ToR, and the estimated timeline. It is also intended to be a reference point for discussing additional meetings throughout the process.

**From:** [REDACTED]  
**Sent:** Friday, May 27, 2016 1:35 PM  
**To:** Becky Oehler  
**Subject:** Re: Files for Website

Hi Becky

Thanks for letting me know.  
I appreciate that this is a big job and understand it takes time and you have other tasks as well.  
Thank you for accommodating.

Have a great weekend  
[REDACTED]

On Fri, May 27, 2016 at 12:09 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Hi [REDACTED]

Hope you're enjoying the beautiful weather!

I just wanted to let you know that we have the files in the way they were split up on the original website, and we'll be working on getting them uploaded over the next couple weeks. We have a new administrative assistant starting in Ingersoll on Monday, so some time will be taken up with training, so that's why it might take a couple weeks.

Thanks for letting us know about this issue and for your patience while we get it figured out.

Have a great weekend,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

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**From:** [Darren Fry](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Becky Oehler](#)  
**Subject:** Comms Record - Farlow  
**Date:** Friday, June 03, 2016 1:52:37 PM

---

Date: June 3<sup>rd</sup>/16

Time: 11:30

Advised [REDACTED] that we would not be providing audio recordings of the CLC sessions as we provide alternates, transcripts and a 2 page highlight. [REDACTED] stated [REDACTED] has trouble reading and the audio can accommodate this issue. I stated that we would be able to accommodate and would provide access to audio at our office so [REDACTED] could come and listen since we wasn't in attendance for parts of the last CLC meeting. [REDACTED] said we have provided memory sticks with audio in the past so [REDACTED] can review at 12 pm. I said wasn't aware of this and I would like look into it. [REDACTED] said thanks.

Darren

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](mailto:Darren.Fry@walkerea.com); [Joe Tomaino](mailto:Joe.Tomaino@walkerea.com)  
**Subject:** RE: Materials for CLC Meeting June 22, 2016  
**Date:** Tuesday, June 14, 2016 9:12:07 AM  
**Attachments:** [image001.png](#)

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Good morning,

In response to [REDACTED] email, I asked Andrew Evers (MOECC) about the written responses to the written questions provided prior to the last CLC meeting on May 25<sup>th</sup>.

Andrew said he is aiming to provide the responses by the next CLC meeting (June 22). Andrew is making additions to the answers he had prepared based on the follow-up questions asked at the meeting.

I will forward Andrew's written answers when I receive them.

Thanks,  
Becky

---

**From:** [REDACTED]  
**Sent:** Friday, June 10, 2016 7:32 PM  
**To:** Becky Oehler; [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:**  
**Subject:** RE: Materials for CLC Meeting June 22, 2016

Becky

I thought you would be sending us the answers to our questions from Andrew Evers, I understood that he would send them to you and you would distribute.

It is over two weeks since the last meeting and they had all of the answers with them, please be so kind as to pursue this for us.

Thanks

[REDACTED]

---

From: [BOehler@walkerind.com](mailto:BOehler@walkerind.com)  
To: [info@walkerea.com](mailto:info@walkerea.com)  
CC: [DFry@walkerind.com](mailto:DFry@walkerind.com); [JTomaino@walkerind.com](mailto:JTomaino@walkerind.com)  
Subject: Materials for CLC Meeting June 22, 2016  
Date: Fri, 10 Jun 2016 20:35:54 +0000

Good afternoon,

Please find attached the materials for Community Liaison Committee Meeting #18, which will be held on Wednesday, June 22, 2016 at 6:00 pm. Also enclosed is the transcript from the May 25, 2016 meeting.

A new facilitator will be present at the June 22 meeting. A panel of three CLC members is currently in the process of interviewing three candidates pre-approved by Walker Environmental.

For the next meeting, you may want to have the following materials from previous meetings for reference:

Terms of Reference (specifically sections 8.1 and 8.2)

Summary of CLC and Public Consultation Commitments Timeline (from May 25, 2016 meeting materials)

Revised SWLF CLC Charter (from May 25, 2016 meeting materials)

Please let me know if you have any comments or questions prior to the meeting.

Have a great weekend,  
Becky

**Becky Oehler**, M.Sc.  
Consultation Manager  
Strategic Growth

---

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**From:** Becky Oehler  
**Sent:** Wednesday, June 15, 2016 4:50 PM  
**To:** Info@walkerea.com  
**Cc:** Darren Fry; Joe Tomaino  
**Subject:** Additional CLC Materials

Good afternoon,

Please find attached additional reference materials for the CLC. These materials are not required for the next meeting on June 22.

**1) Updated Map – Carmeuse Lime Land Holdings**

- The production of this map was an action item arising from the CLC meeting 17. Please refer to this updated map in place of previous maps produced in the Terms of Reference and Addendum to the Terms of Reference.

**2) Summary of CLC Meeting 17**

- Please provide any comments by Wednesday, June 29<sup>th</sup>. On that date, any edits will be completed and the document will be posted on [www.walkerind.com](http://www.walkerind.com).
- This summary was produced by Walker Environmental.
- Transcripts will continue to be provided; the summary is an additional document.

- We intend to produce similar summaries of future CLC meetings.
- The intention of the summary is to communicate the main topics, themes, and input from CLC meetings.
- This type of summary is useful for reference and communication, since the transcripts are quite long and we want to respect the time of people seeking information.

### **3) CLC Meeting 17 Q&A Summary Table**

- CLC Meeting 17 focused on a question and answer session with representatives from the Ministry of Environment and Climate Change.
- A meeting transcript has been provided for full transparency. This table is in addition to the transcript as a quick reference summary.

Please let me know if you have any questions or comments.

Thanks,  
Becky

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** [REDACTED]  
**Date:** Wednesday, June 15, 2016 12:07:20 PM

---

Hi [REDACTED]

Hope you're doing well! I was going to give you a call but I think I remember you telling me that email is easier for you.

I really appreciate that you're sitting on the CLC as a member of the [REDACTED] [REDACTED], and I'd like to make sure that we're providing the rest of the board and membership with the information they need to provide input on the Southwestern Landfill project. I'd really appreciate the opportunity to chat with you about opportunities to engage with [REDACTED] directly if that's something you're interested in.

If you want to give me a call at a time that's convenient for you, my cell number is 289-257-1680, or we could set up a meeting.

Thanks and talk to you soon,  
Becky

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Questions from the CLC  
**Date:** Thursday, June 23, 2016 9:49:38 AM

---

Hi [REDACTED]

Thanks for letting me know about [REDACTED] attended last night and I think overall it was a good meeting.

I forgot to ask [REDACTED] for [REDACTED] contact information, so if you could provide me with a contact point (email or phone number) I can follow up with [REDACTED]

Thanks,  
Becky

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**From:** [REDACTED]  
**Sent:** Wednesday, June 22, 2016 3:28 PM  
**To:** Becky Oehler  
**Subject:** Re: Questions from the CLC

Hi Becky  
[REDACTED] may be able to act as my alternate at tonight's meeting.  
Please welcome [REDACTED] is able to attend.  
Many thanks

[REDACTED] Sent from my iPhone

[REDACTED]. Sent from my iPhone  
On Jun 22, 2016, at 2:00 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Good afternoon CLC members and alternates,

I am forwarding an email from Andrew Evers regarding his responses to the questions from the May 25, 2016 CLC meeting.

There were written questions provided by CLC members to Andrew prior to the May 25<sup>th</sup> meeting. Responses to these questions are provided in the attached PDF.

There were also additional questions that came up during the meeting, which I sent to Andrew as action items. The responses to those action items are provided in Andrew's email below.

Looking forward to seeing you this evening,  
Becky

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

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C: 289-257-1680  
Toll free: 855-392-5537  
[www.walkerind.com](http://www.walkerind.com)

[<image4d2737.PNG>](#)

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**From:** Evers, Andrew (MOECC) [<mailto:Andrew.Evers@ontario.ca>]  
**Sent:** Wednesday, June 22, 2016 8:37 AM  
**To:** Becky Oehler  
**Cc:** Darren Fry  
**Subject:** RE: Questions from the CLC

Hi Becky,

Please see attached answers from the May 25, 2016 CLC. I have also included our responses to the action items below. Let me know if you have any questions.

Andrew

1	<p>Find out if there are water standards for nitrate, phosphate, potassium, hormones, hormone-like substances and toxins on the site, and what Walker will be required to test for.</p> <p>Walker will detail the relevant standards in the technical work plans as it applies to the proposed project. At the time the technical work plans are available, the MOECC, as well as interested persons will be able to comment on the studies to ensure all relevant standards for water quality are included for study in the EA.</p>
2	<p>Contact the MNRF about the ARA – When does a partial or complete license surrender occur in the process? Can Walker seek a change under the ARA in the absence of an EA approval? For a complete or partial license surrender will it be posted on the EBR?</p> <p>The licence under the ARA is not under MOECC's mandate, so it cannot comment on the licensing process. Walker can contact the MNRF for this information.</p>
3	<p>Inform the CLC if the MOECC will be co-locating air quality monitors.</p> <p>MOECC cannot comment on if it will co-locate monitors at this time. This may be determined through the review of the air quality technical work plan, or as the work plan is implemented.</p>
4	<p>Share most recent up-to-date technical reviewer list (Andrew to send to Becky).</p> <p>It is more appropriate for Walker to provide the Agency and Stakeholder list used for consultation during the ToR preparation, as the entire technical reviewer list includes reviewers not applicable to this project. Walker's list may also evolve over time as the EA process moves forward, which also will not be reflected in the MOECC's full government review team list.</p>
5	<p>Share all enforceable standards for cumulative effects (air, noise, etc.) required and distribute to CLC.</p> <p>Walker will be responsible for outlining the enforceable standards for cumulative effects relevant for each environmental discipline and the proposed project in its technical work plans. At the time the technical work plans are available, the MOECC and other interested persons can comment to ensure all applicable standards are considered for the assessment of cumulative effects.</p>
6	<p>Provide written answer to each of the questions on the notice of approval and amendments provided by the CLC.</p> <p>See attached.</p>
7	<p>Provide Project Officer contact information to CLC Members for any further discussions/answers regarding the EA process. For unknown answers, find appropriate person internally to connect.</p> <p>Andrew Evers, Special Project Officer 416-314-7213 <a href="mailto:andrew.evers@ontario.ca">andrew.evers@ontario.ca</a></p>
8	<p>Arrange to have representative from the MOECC London office at future CLC Meetings.</p> <p>Pat Almost, as available, will attend the future CLC meetings as the representative for the MOECC.</p>

**Andrew Evers** | Special Project Officer | Environmental Assessment Services | Ontario Ministry of the Environment and Climate Change  
135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | T: 416.314.7213 F: 416.314.8452 E: [andrew.evers@ontario.ca](mailto:andrew.evers@ontario.ca)

<Answers for CLC Meeting\_final.pdf>



## Becky Oehler

---

**From:** Becky Oehler  
**Sent:** Thursday, June 23, 2016 12:05 PM  
**To:** Info@walkerea.com  
**Subject:** FW: pharmaceutical background information  
**Attachments:** 84-pharmaceuticals-and-other-emerging.pdf; DWTP paper on-line version.pdf; Kleywegt20111.pdf

Good morning everyone,

Apologies for my previous email, I mistakenly pressed send before writing you a message. The information attached is from Pat Almost, Issues/Project Coordinator at the Ministry of Environment and Climate Change London District Office.

This is additional information about pharmaceuticals and other emerging contaminants in water. Pat has provided this information as an additional resource about this subject after it came up as a question at the May 25, 2016 meeting.

As background information, emerging contaminants are also sometimes called “emerging substances”. They can be thought of as either new types of contaminants, or things that haven’t traditionally been measured and/or regulated. This includes a wide range of things like personal care products (soaps, lotions), cleaning products, and pharmaceuticals.

Looking forward to our next CLC meeting on July 27<sup>th</sup> at 6:00 pm.

Thanks,  
Becky

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

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Toll free: 855-392-5537  
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**From:** [REDACTED]  
**Sent:** Thursday, June 23, 2016 11:09 AM  
**To:** Becky Oehler  
**Subject:** pharmaceutical background information

Hi Becky

As per our discussion last night and the wishes of the CLC, I would appreciate your circulating this background information to the members.

Thanks..... [REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED] [Darren Fry](#)  
**Subject:** RE: Question on design alternatives  
**Date:** Friday, July 08, 2016 3:19:26 PM

---

Hi [REDACTED]

Thanks for your question, and I apologize for the delay in responding.

When we are considering design alternatives during the "Alternative Methods" phase, ancillary items such as leachate lagoon, storm water collection, etc. are not included in the landfill footprint or design. Discussion on ancillary facilities begins after the preferred alternative is selected. Landfill design, including ancillary facilities, continues to be refined through the EA process as more information becomes available.

Also – Leticia finished uploading the files to our website today in the way they were split up on the documents page of the original website. Please let me know if you come across any other issues on the website, it's a work in progress!

Thanks [REDACTED], talk to you soon,  
Becky

**From:** [REDACTED]  
**Sent:** Thursday, June 23, 2016 10:42 AM  
**To:** Darren Fry; Becky Oehler  
**Subject:** Question on design alternatives

I have a follow up question to last night's CLC meeting.

When you are looking at design alternatives are you looking at "Different landfill configurations (above ground, below ground or a combination) along with compatible liner designs (generic or site-specific, as per the Landfill Standards)" ONLY or are you including ancillary items such as leachate lagoon, storm water collection, buffer area, weigh scales, internal roads, gas management etc?

Or will these items be considered as part of the footprint and be incorporated into requirements for size?

Thanks for your help  
[REDACTED]

**From:** Becky Oehler  
**Sent:** Friday, July 15, 2016 3:56 PM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** Darren Fry; Joe Tomaino; Steve Hollingshead  
**Subject:** July 27, 2016 CLC Meeting Materials

Good afternoon,

Please find enclosed the materials for Community Liaison Committee Meeting #19, which will be held on Wednesday, July 27, 2016 at 6:00 pm, dinner will be available at 5:30 pm. Copies of the agenda, booklet and criteria & indicators handout will be provided at the meeting.

Also enclosed are two items from the June 22, 2016 meeting:

- Meeting transcript
- Draft meeting summary.

**Please provide any comments on the draft meeting summary by July 31, 2016**, after which it will be posted on walkerea.com with other meeting materials.

Please let me know if you have any comments or questions prior to the meeting.

Have a great weekend!

Becky Oehler  
905-680-3675

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

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: CLC meeting  
**Date:** Monday, July 18, 2016 3:56:36 PM

---

Hi [REDACTED]

Thanks for sending me your concerns about the break-out sessions. I'm going to respond to [REDACTED] (including the concerns about the break-out session) since [REDACTED] has already sent it to a larger group. I hope that it answers your concerns, but if not I'm happy to discuss further on the phone, by email, or in person.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Monday, July 18, 2016 11:10 AM  
**To:** Becky Oehler  
**Subject:** CLC meeting

Hi Becky

I have been reading over the meeting materials for the upcoming meeting. I have a concern about the "break-out" session that is suggested.

The concept of everyone hearing all the discussion has been effective and at times hearing other's concerns will trigger follow-up discussions. If we are divided into groups we will lose that. I don't see a "break out" session as being productive as it tends to be divisive and we have worked hard to become cohesive as a group.

Discussing as a whole group still affords everyone the opportunity to speak and I am asking that Walker re-think this suggestion and instead have a discussion on the workbook as a whole.

Thanks  
[REDACTED]

**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED] [Becky Oehler; Info@walkerea.com](mailto:Becky.Oehler@walkerea.com)  
**Subject:** Re: Information for Meeting #19  
**Date:** Tuesday, July 19, 2016 1:24:16 PM  
**Attachments:** [image001.png](#)

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Definitely as a whole group for the reasons already mentioned. As stated, we've been working together for a long time and we do feel very comfortable speaking our minds. Please don't put words in our mouths. Just ask us what we want. Thank you for doing so now.

[REDACTED]

[REDACTED]

---

**From:** [REDACTED]  
**Sent:** Tuesday, July 19, 2016 12:52 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] [Becky Oehler'; info@walkerea.com](mailto:Becky.Oehler@walkerea.com)  
**Subject:** RE: Information for Meeting #19

---

Good afternoon,

Thank you [REDACTED] for your email sharing your thoughts on the proposed format for our next CLC meeting with respect to break out sessions. This is your meeting and we need to do what we can to make it as efficient and effective as possible. Can I please get a quick email from others indicating if you would prefer to work through the consideration of alternatives and criteria as: **a) a whole group** or **b) in smaller break out groups**. If you have the time to jot a note in your email on the reason for your preference that would also be useful.

Thanks,

Laurie

*Laurie Bruce  
CLC Facilitator*

---

**From:** [REDACTED]  
**Sent:** July 18, 2016 8:30 PM  
**To:** Becky Oehler <[boehler@walkerind.com](mailto:boehler@walkerind.com)>; [info@walkerea.com](mailto:info@walkerea.com)  
**Cc:** [REDACTED]  
[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [Info@walkereia.com](mailto:Info@walkereia.com)  
**Subject:** FW: Information for Meeting #19  
**Date:** Tuesday, August 02, 2016 2:04:00 PM

---

**From:** [REDACTED]  
**Sent:** Tuesday, July 19, 2016 2:15 PM  
**To:** [REDACTED]

**Subject:** Re: Information for Meeting #19

Darren and Becky

While I appreciate that you were listening when I suggested simplifying the process/language and what you are doing, I was responding to a question about engaging the public in general who don't have as much research and time invested in the process as the members of the CLC.

It is my understanding that the reasoning for analysis must be clear and transparent. I fail to see how this exercise (workbook) is traceable without specific volume calculations for the various options to support conclusions. Example, each option, how deep would it be in quarry, what area is required for each and what is the acreage required for buffer area. Where on the portion of land would the fill area be located? If we don't have this information, how can we effectively answer the questions; compare pros and cons or raise concerns at the bottom of each section? I personally don't feel I have enough information to form any conclusions at this point.

Having said that, here are some points I have so far that I would like to share on what has been presented.

### **Landfill footprint**

Option 1 should be divided between licenced and unlicensed sections and carried forward in evaluation. The area between Rd 66 and 68 is not licenced and should be considered as a location for the landfill. The workbook states that the Provincial Policy Statement (PPS), Section 2.5.2, discourages land use that "sterilizes" resources, however Section 2.5. 2.5 states activities which would preclude or hinder the establishment of new operations or access to the resources are permitted under certain circumstances and this must be explored. The inclusion of option 1 would also require a more thorough comparative evaluation using the criteria chart provided in the TOR.

### **Landfill Design Configuration**

Given that Option 1 (unlicensed area) should be added for evaluation, this also should include the possibility of an above ground configuration. The workbook states that an above ground option was eliminated because "using maximum



**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED]; [Becky Oehler; Info@walkerea.com](mailto:Becky.Oehler@walkerea.com)  
**Subject:** Re: Information for Meeting #19  
**Date:** Tuesday, July 19, 2016 1:50:09 PM

---

Good afternoon Lautie and Becky,  
This discussion of breaking down the group into smaller groups has been brought up a few times over my experience with the committee and has been discouraged. Once again I do not support this practice as the group is small enough and can receive the information from Walker as a whole. One message that is received by all solicits good discussion and good community response. The suggested process Walker proposes only adds to confusion and the opportunity for mixed messages and incorrect statements.

As for the information we received I think we require more data and facts associated with the design options. After some review, discussion with other members of the committee and friends in the community, the filters need to be reassessed. In my opinion the options or alternatives need some further scrutiny and justification.

[REDACTED]

[REDACTED]



**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](#); [Joe Tomaino](#); [Laurie Bruce](#)  
**Subject:** RE: Information for Meeting #19  
**Date:** Friday, July 22, 2016 4:34:07 PM  
**Attachments:** [image001.png](#)

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Good afternoon,

Thank you to everyone who provided feedback to Laurie and myself about the agenda for the July 27<sup>th</sup> CLC meeting. Also, thank you for your input into the content of the meeting. I'm looking forward to discussing your suggestions and concerns on Wednesday.

Have a great weekend and please stay safe in the heat.

Thanks,  
Becky

---

**From:** Laurie Bruce [<mailto:laurie.bruce@sympatico.ca>]  
**Sent:** July 19, 2016 4:12 PM  
**To:** [laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca)  
**Subject:** FW: Information for Meeting #19

Good afternoon,

It appears the email chain below did not go to the full email list. Resending to make sure everyone has it. My apologies for double emails to those who have now received this twice.

I would also like to take the opportunity to add that it wasn't Becky who came up with the proposed small group discussion format for next July 27<sup>th</sup> CLC meeting but TES and myself based on our experience leading consultation activities. In some cases it is the right route and participants prefer the smaller group approach for providing input. Based on the preliminary feedback from four of the CLC members, we have heard that any discussions should be with the entire group, not handled through break out sessions. As noted below, this is your meeting and we want your direction on what works best for you.

While I have heard from four CLC members, I am looking for some additional feedback to confirm that on July 27<sup>th</sup> the CLC wishes to review the alternatives and criteria as a whole group.

If you have any other matters that you would like to raise with July 27<sup>th</sup> format, feel free to contact me. My goal is to do the best that we can to work through any procedural matters outside the meeting so that the CLC meeting itself can be productive and focus on the technical matters and items that you would like to discuss.

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Subject:** RE: Information for Meeting #19  
**Date:** Tuesday, July 26, 2016 9:04:33 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

Thanks for your email. It was our intention when designing the meeting to provide everyone with the opportunity to discuss and be heard. I appreciate that you took the time to email me and provide your thoughts, they have been forwarded on to the facilitator, Laurie Bruce. Many committee members felt that they would rather have a full-group discussion, but I think it will be decided at the meeting tomorrow.

If [REDACTED] is attending the meeting, you are still welcome to attend as an observer – we have seating at the side.

Thanks,  
Becky

---

**From:** [REDACTED]  
**Sent:** Monday, July 25, 2016 10:35 PM  
**To:** Becky Oehler  
**Subject:** RE: Information for Meeting #19

Hi Becky

I have worked on a number of committees and have always found break out sessions to work great for larger groups. Great ideas tend to come out from different groups mostly because some of the more vocal controlling types tend to be in one group allowing other groups to feel free to share different approaches with the group leading to great discussions without being railroaded by controlling individuals with agendas. Judging by [REDACTED] comments he has not been in very many of these types of discussions and probably is afraid of not having control of the other smaller groups and is not open to new ideas. Just a quick observation.

[REDACTED]

---

**From:** Becky Oehler [<mailto:BOehler@walkerind.com>]  
**Sent:** July 22, 2016 4:34 PM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Joe Tomaino <[JTomaino@walkerind.com](mailto:JTomaino@walkerind.com)>; Laurie Bruce <[laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca)>  
**Subject:** RE: Information for Meeting #19

Good afternoon,

Thank you to everyone who provided feedback to Laurie and myself about the agenda for the July 27<sup>th</sup> CLC meeting. Also, thank you for your input into the content of the meeting. I'm looking

forward to discussing your suggestions and concerns on Wednesday.

Have a great weekend and please stay safe in the heat.

Thanks,  
Becky

---

**From:** Laurie Bruce [<mailto:laurie.bruce@sympatico.ca>]

**Sent:** July 19, 2016 4:12 PM

**To:** [laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca)

**Subject:** FW: Information for Meeting #19

Good afternoon,

It appears the email chain below did not go to the full email list. Resending to make sure everyone has it. My apologies for double emails to those who have now received this twice.

I would also like to take the opportunity to add that it wasn't Becky who came up with the proposed small group discussion format for next July 27<sup>th</sup> CLC meeting but TES and myself based on our experience leading consultation activities. In some cases it is the right route and participants prefer the smaller group approach for providing input. Based on the preliminary feedback from four of the CLC members, we have heard that any discussions should be with the entire group, not handled through break out sessions. As noted below, this is your meeting and we want your direction on what works best for you.

While I have heard from four CLC members, I am looking for some additional feedback to confirm that on July 27<sup>th</sup> the CLC wishes to review the alternatives and criteria as a whole group.

If you have any other matters that you would like to raise with July 27<sup>th</sup> format, feel free to contact me. My goal is to do the best that we can to work through any procedural matters outside the meeting so that the CLC meeting itself can be productive and focus on the technical matters and items that you would like to discuss.

Laurie

*Laurie Bruce  
CLC Facilitator*

---

**From:** Laurie Bruce [<mailto:laurie.bruce@sympatico.ca>]

**Sent:** July 19, 2016 12:46 PM

**To:** [REDACTED]  
[REDACTED]

[Redacted]

Cc: [Redacted]; 'Becky Oehler' <[boehler@walkerind.com](mailto:boehler@walkerind.com)>; 'info@walkerea.com' <[info@walkerea.com](mailto:info@walkerea.com)>

Subject: RE: Information for Meeting #19

Good afternoon,

Thank you [Redacted] for your email sharing your thoughts on the proposed format for our next CLC meeting with respect to break out sessions. This is your meeting and we need to do what we can to make it as efficient and effective as possible. Can I please get a quick email from others indicating if you would prefer to work through the consideration of alternatives and criteria as: **a) a whole group** or **b) in smaller break out groups**. If you have the time to jot a note in your email on the reason for your preference that would also be useful.

Thanks,

Laurie

*Laurie Bruce  
CLC Facilitator*

---

**From:** [Redacted]  
**Sent:** July 18, 2016 8:30 PM  
**To:** Becky Oehler <[boehler@walkerind.com](mailto:boehler@walkerind.com)>; [info@walkerea.com](mailto:info@walkerea.com)  
**Cc:** [Redacted]

Subject: RE: Information for Meeting #19

Becky

**IN TEXT!**

[Redacted]

---

From: [BOehler@walkerind.com](mailto:BOehler@walkerind.com)

To: [info@walkerea.com](mailto:info@walkerea.com)  
Subject: RE: Information for Meeting #19  
Date: Mon, 18 Jul 2016 20:13:46 +0000



Thanks for your email (below). This response has been sent to the total CLC email list so everyone has the same information. I will also be printing copies and mailing them to the mail-only CLC members.

Please forgive the length of this email, I just want to make sure everything is clear.

#### Breakout Session:

The idea behind this is to allow for a more natural discussion than the formal style adopted during regular meetings. We want to make sure everyone has the opportunity to speak. We think the breakout sessions could help with some potential reasons that some CLC attendees may be hesitant:

Nervous to speak in front of others (smaller groups may help with this) *I doubt if anyone is too nervous to speak, we are over 4 years into this process.*

Feel that their point is already being talked about, so they remain silent (if someone else has the same point, we want to hear that too!) *There isn't anything to stop someone from agreeing to an opinion expressed by another person no matter the size of the group.*

Feeling lost in the material, so don't want to speak up (more one-on-one interaction in small groups for explanations) *There is not any reason that the material can't be explained to everyone at the same time, one of the problems from open houses and direct contact with representatives of WEG different people have received different answers to the same question, if everyone hears the explanation(s) at the same time this will not happen.*

Another reason we'd like to try break-out sessions is that large group conversations tend to move in a single direction. By splitting into smaller groups, conversation can flow in different directions, moving through different paths, which could bring more ideas to light. *There is only one direction to move in, you want a landfill and we don't, short of stopping it we want it to be the safest landfill ever.*

I'd like to note that there will be one Walker representative available at each table for technical questions or support, but the intention is for each group to move through the booklet together, leading their own discussion. Again this doesn't give any guarantees that one representative from WEG won't give a different explanation than what another one gives.

Also, we definitely want everyone to hear what other groups have to say, which is why we have time for everyone to come back together as a group to discuss their key points. How do you propose to let everyone know in 30 minutes what others have said during these little meetings that will last for 90 minutes.

My request is that we try out the workshop-style breakout session, and then we can discuss afterward how it went. The intention behind this is to promote more discussion and an improved way to provide concerns. These people are all adults and should be able to express themselves regardless of the size of the group, trying it will be a waste of one entire meeting.

The recording of these little meetings will be a disaster and no one will understand it.

Request for more detailed information:

Detailed information for the different options (alternative methods) isn't available yet. Before the studies, the description and design of the landfill remains generalized. We have done some preliminary calculations to determine if some options are possible, like the simple calculation on page 9 of the booklet identifying the area required for the single composite liner versus the double composite liner. The double composite liner was what WEG proposed to use from day one and this was explained to many people including at open house events.

In order to figure out how a landfill can best suit the area, we must study the local environment in detail. Details about the landfill will be refined throughout the EA process, as well as after the EA process (if approved). Here is a basic timeline of information:

Rule out any options that aren't feasible (this is the screening that has 4 criteria – see page 3 of the booklet)

Carry out the comparative analysis using any of the 41 criteria that help to differentiate between the options (not the criteria that aren't applicable or are the same for all options)

Integrate the chosen options (preferred alternatives) into the technical work plans

Carry out the studies using the technical work plans

Discuss the findings of the studies:

Information on whether the landfill design is feasible

### **More detailed description/design of the landfill**

Information on potential impacts to the environment and how those impacts can be prevented/mitigated

Refine the landfill design through consultation

Submit the EA document for decision.

WEG has known since day one where they want the landfill to be located and how deep into the quarry they want it to be, so just tell us, I have been told this before, the problem is that there are not any witnesses. The studies may change what they want to do, but that doesn't change what they want before the studies are done. If the information is not available then mobilize the experts needed to provide it.

### **In regard to groundwater:**

In the booklet, we have proposed the generic double composite liner as the landfill liner system. This system would provide the same protection to groundwater regardless of site design. There will be detailed studies on groundwater (as well as many other aspects) after the preferred alternatives are selected and the technical work plans are finalized. Please bring forward any ideas of how we can use criteria (of the 41) to differentiate between landfill designs in ways that we haven't identified. This isn't even remotely accurate, a landfill built on the floor of the quarry of badly fractured bedrock that is deep into the water table is not as safe as one built on top of 120 feet of backfill much of which would be above the water table even if it is still on top of fractured bedrock. Most importantly a landfill built on top of 120 feet of undisturbed soil that is situated on top undisturbed bedrock that is not fractured is vastly safer.

Regarding Option 1 (landfill footprint):

This option was ruled out because it goes against the Provincial Policy Statement to sterilize a resource (make it inaccessible), so the landfill could not be approved if it was designed in this location. However, we're happy to talk more about this at the meeting, or we can discuss more ahead of time. There isn't anything in the Provincial Policy Statement that makes this an absolute, one of the concerns that would be raised is the loss of 200 acres of farmland, the simple solution is that Carmeuse rehabilitate the site that has been your preferred location from day one, as farmland. The north 600 acres of Option 1 are not licensed.

I have to think that the MOECC would be interested in deciding between two locations, one that is very close to heavily populated areas that will present a significant threat to the drinking water for a lot of people, plus all of the problems like dust, odour, litter etc. cause for populated areas and one that would be on top of unfractured bedrock and undisturbed soil that is located a significantly greater distance from heavily populated areas.

Please let me know if you'd like to discuss further or have any other concerns,

Becky

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

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**From:** [REDACTED]  
**Sent:** Monday, July 18, 2016 11:43 AM  
**To:** Becky Oehler  
**Cc:**  
**Subject:** RE: Information for Meeting #19

Becky

Sorry I forgot one very important point, I believe that Option 1 particularly the unlicensed portion must be carried forward as a comparative evaluation against Option 3 in order to ensure that a rigorous and appropriate process is undertaken all the way through the project.

Thanks

[REDACTED]

---

**From:** [REDACTED]  
**To:** [boehler@walkerind.com](mailto:boehler@walkerind.com)  
**CC:**  
**Subject:** Information for Meeting #19  
**Date:** Mon, 18 Jul 2016 11:32:36 -0400

Becky

The plan to us a "Breakout Session" will not work and is really counter to the idea that everyone should hear and if they wish to, participate in the discussions. The subject matter can be dealt with much more efficiently by the full group, therefore I suggest that this idea be dropped in order to save time at the meeting.

The information presented for all of the Options is incomplete, it should include dimensions,

volume calculations, comparative costs and any other information that will contribute to an informed discussion.

There has not been any comparison of the effects of each Option as it applies to groundwater, this should be done because this is the number one public concern.

We need this information before the meeting so we can review it and be prepared.

I have discussed this with some committee members, but I will leave it for them to let you know what they think about these issues.

Thanks



**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]; [Joe Tomaino](#)  
**Subject:** RE: geomembrane  
**Date:** Tuesday, July 26, 2016 10:22:36 AM  
**Attachments:** [image001.png](#)

---

[REDACTED] is a CLC member for the SWLF EA and has a keen interest in many of the technical components of modern landfills. I said that I would provide [REDACTED] a sample of geomembrane and geotextile from SLF (preferably an 80 mil liner and 32 oz textile). If you could give these to Joe T. today, he will see [REDACTED] tomorrow night at our meeting.

Many thanks for this Tim.  
Regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Tuesday, July 26, 2016 10:14 AM  
**To:** Darren Fry  
**Subject:** Re: geomembrane

Thanks Darren I think having a sample would be helpful to me so if you can arrange it...awesome

I think having the double generic scale model could be most helpful at the meeting as some, like myself, may find it easier to envision

Thanks

On Tue, Jul 26, 2016 at 10:06 AM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:  
Hi [REDACTED]

Yes, I have several pieces of the liner (geomembrane) and filters (geotextile) that are used at our South Landfill. If you would like a few pieces to keep with you, I can arrange with our field engineers to get some today as we are currently building liner for a new cell in Niagara. Let me know.

We do have a scale model of the double generic liner that is used at South Landfill here in Ingersoll. We can use it as reference for the group tomorrow night if you think that would be valuable. I've attached a handout of the G2 liner referenced above in case you have some questions.

Thanks and speak soon,  
Darren

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

---

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**From:** [REDACTED]  
**Sent:** Tuesday, July 26, 2016 9:37 AM  
**To:** Darren Fry  
**Subject:** geomembrane

Hi Darren

I have been going over the materials for the next CLC meeting and looking at the liner system options and I remembered that you said you could get me a piece of the membrane/liner so I could get a hands on idea of how it looks and feels.

I am hoping that you could still possibly do this for me.

I also have a question about the chart/display that Leticia created that was in the garage. Is it to scale?

Looking forward to seeing you at the meeting

[REDACTED]

**From:** [Darren Fry](#)  
**To:** "[Don MacLeod](#)"  
**Subject:** RE: PPS Clarity  
**Date:** Thursday, July 28, 2016 12:16:26 PM

---

Thanks Don.

We'll surely consider what was discussed at last night's meeting.

Best,  
Darren

---

**From:** Don MacLeod [mailto:[dmacleod@zorra.on.ca](mailto:dmacleod@zorra.on.ca)]  
**Sent:** Wednesday, July 27, 2016 7:04 PM  
**To:** Darren Fry; Joe Tomaino  
**Cc:** [egilbert@oxford.ca](mailto:egilbert@oxford.ca)  
**Subject:** PPS Clarity

Hi Darren,

The Section from the PPS that ████ is referring to is Section 2.5.2.5 and it reads as follows:

2.5.2.5 In known *deposits of mineral aggregate resources* and on *adjacent lands, development* and activities which would preclude or hinder the establishment of new operations or access to the resources shall only be permitted if:

1. a) resource use would not be feasible; or
2. b) the proposed land use or development serves a greater long-term public interest; and
3. c) issues of public health, public safety and environmental impact are **addressed**.

I doubt that MNR would provide a determination at this point, but perhaps MMAH would be better to discuss with as the Ministry responsible for the PPS. It appears as though b) is the crux of his argument, is a landfill a greater long-term public interest.

Don MacLeod  
Chief Administrative Officer  
Township of Zorra  
274620 27th Line  
P.O. Box 306  
Ingersoll, ON N5C 3K5  
Ph. 519-485-2490 ext. 226 or 1-888-699-3868  
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**Please consider the environment before printing this e-mail.**

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Laurie Bruce](#)  
**Subject:** Re: worksheet from last night  
**Date:** Friday, July 29, 2016 4:17:37 PM  
**Attachments:** [imagee447a3.PNG](#)

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Hi [REDACTED]

I'm glad things are settled down, I hope you can enjoy the long weekend!

Please send your finished questions and any other input to Laurie, and let her know if you'd like your name attached to your comments, or if you'd prefer to have them grouped with other anonymous answers.

Thanks [REDACTED] have a great weekend!

Becky

---

**From:** [REDACTED]  
**Sent:** Friday, July 29, 2016 2:19 PM  
**To:** Becky Oehler  
**Subject:** Re: worksheet from last night

---

Thanks Becky, things seem to have settled down for now so fingers crossed.

I am just now sitting down to get at the worksheet but will send it in as soon as possible. I want to give well thought out responses and they seem to take longer for me to formulate lol

Thanks for sending my Laurie's email...is there a preference as to whom I send it to? I am not sure of the hierarchy here.

Have a great weekend  
[REDACTED]

On Thu, Jul 28, 2016 at 12:39 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

Thanks for your email. There's no deadline, please take your time. Anytime in the next two weeks would be ideal, but there's no deadline on input. ☺

If you'd like to email it directly to Laurie, her email is [laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca).

I hope everything is ok.

Thanks,

Becky

**From:** [REDACTED]  
**Sent:** Thursday, July 28, 2016 12:34 PM  
**To:** Becky Oehler  
**Subject:** worksheet from last night

Hi Becky

I didn't have enough time to share my thoughts on the worksheet from last night and am still working on it.

I told Laurie that I would complete and either scan and email to her/you OR drop it off at the office.

Unfortunately I have an unexpected issue pop up that I must deal with this afternoon.

Is there a deadline for this? I am anticipating, if all goes well, that I will have it done and ready to go by sometime tomorrow.

[REDACTED]

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

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**From:** [Laurie Bruce](#)  
**To:** "[Julie Reid Forget](#)"; [Katrina Kroeze](#); [Info@walkerea.com](mailto:Info@walkerea.com); [Becky Oehler](#)  
**Subject:** FW: a thought  
**Date:** Saturday, July 30, 2016 4:27:50 PM

---

FYI

**Laurie M. Bruce MA, RPP**  
**416.223.0023**

---

**From:** Laurie Bruce [mailto:[laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca)]  
**Sent:** July 30, 2016 4:27 PM  
**To:** [REDACTED]  
**Subject:** RE: a thought

First....no bother at all! Absolutely [REDACTED] this should occur every meeting and can be accommodated during the CLC Update and Correspondence. We will make sure we have time for this at the August meeting.

**Laurie**

**From:** [REDACTED]  
**Sent:** July 30, 2016 1:32 PM  
**To:** Laurie Bruce <[laurie.bruce@sympatico.ca](mailto:laurie.bruce@sympatico.ca)>  
**Subject:** a thought

Sorry to bother you Laurie  
I was thinking about the meeting and agendas etc

I am wondering if it would be worth adding a 5 minute section to each meeting that would be a time for the CLC members to bring up any comments or concerns that they are hearing from the public that may not be related to the items on the agenda ...or any questions about process, something that requires clarification etc that the CLC might have.

I know that we are trying to make sure that all discussion is related to the agenda items to facilitate a more efficient and productive meeting but sometimes things come up that aren't specifically related.

Anyway...just a thought

[REDACTED]



---

**From:** Laurie Bruce [mailto:laurie.bruce@sympatico.ca]  
**Sent:** July 30, 2016 11:14 AM  
**To:** laurie.bruce@sympatico.ca  
**Subject:** Follow-up from July CLC Meeting

Dear CLC members

Thank you for your participation in Wednesdays CLC Meeting discussing the Landfill Footprint and Landfill Design. Since we did not have the opportunity to get through the entire agenda, we wanted to follow up with you to provide you with more information and as well as a reminder on ways in which you can provide feedback on the format and content of the meeting.

**Action Items for the CLC:**

**[Feedback Form:](#)**

- a. We want these meetings to work for you and will take your feedback on the format to incorporate it to improve for the August meeting. Please take a few moments to click on and fill in the [feedback form](#).
- b. We will also compile your inputs from the ***Record Your Thoughts*** into the consultation process feedback loop in this refining process for the overall design of the landfill. If you did not leave it with us at the meeting, you can email it to me or bring it to the August meeting.

**Participation Request:**

- a. Walker is hosting a Bus Tour of the Niagara Landfill on **Saturday August 6<sup>th</sup> from 9AM – 3PM** for the residents living closest to the proposed site. They would like a representative from the CLC to

participate on this tour. If you are interested, or know of any nearby residents that would be interested in attending, could you please send Becky an email before **Wednesday August 3, 2016**.

We recognize that **Haul Route** is an important discussion for your input and have allocated the August CLC meeting to focus on this topic. In September we will continue with Landfill Gas management and Leachate Treatment.

Finally, all additional action items will be addressed as they become available.

Thank you and have a great long weekend,

Laurie

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: Bus Tour of South Landfill  
**Date:** Tuesday, August 02, 2016 10:23:48 AM

---

Good morning [REDACTED]

Thanks for the feedback on the tour format.

We can surely spend more time at the landfill and its ancillary facilities. I don't see any issue with observing all of the areas you have noted below and we'll do our best to get as close as possible with the bus while conforming to site safety protocols. For clarity, most of the areas you note were included in past tours, with the exception of the leachate lagoon and new cell construction as I believe it was May/June and construction had not started yet. New cell (ie. liner system) construction is currently underway and we'll make sure to spend more time at these locations, discuss what we're observing and address questions.

If there is interest from those on the bus to see other areas of the resource recovery campus (ie. agricultural and waste diversion land uses on the East Landfill), we will certainly accommodate this interest.

Warm regards,  
Darren

---

**From:** [REDACTED]  
**Sent:** Saturday, July 30, 2016 11:57 AM  
**To:** [REDACTED]

**Subject:** Bus Tour of South Landfill

I have a question regarding the tour of the South Landfill in Thorold.

Will this be the exact same tour that was made available to us in June of 2012?

I ask because it was great to get an idea of the landfill but didn't really give us an idea of the various aspects of the landfill that we have/will be addressing. The original bus tour spent a great deal of time in the compost and biosolids section which isn't part of the proposal for here and the tipping face was way off up a hill and all we were able to see was the fence to catch stray litter. It would help me to understand better if I could get a more close up view of some things.

I would be interested in taking the tour if it would give me a better view of:

- the scales and inspection area (perhaps actually see a truck going through)
- the tipping face (seeing a load put into the landfill)
- the leachate lagoons and any visible systems available
- the landfill gas management system

- and any work being done on future cells

Could you please let me know if the tour for Aug 6th has plans to include these things

Thanks



**From:** [REDACTED]  
**To:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com); [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Darren Fry](mailto:Darren.Fry@walkerea.com); [Joe Tomaino](mailto:Joe.Tomaino@walkerea.com); [REDACTED]  
**Subject:** Re: CLC Meeting 20 Materials  
**Date:** Friday, August 12, 2016 3:18:15 PM  
**Attachments:** [imagead2513.PNG](#)

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The information provided is basically another academic exercise that does not provide hard factual information that can be commented on in a constructive meaningful manner.

The options listed do not provide the actual reasons why they were included or excluded, just a bunch of self serving generalities.

If the actual factual information has to be drawn out of the WEG representatives one fact at a time it will take 10 meetings.

As an example not including the alternate haul route at this point is ridiculous, only including it in the EA report means we will be stuck with whatever WEG chooses because at that point the MOECC won't give a damn about such a minor (in their opinion) detail, so unless WEG has something to hide regarding the alternate haul route, they must provide it for this meeting.

There are a number of other specific points in the information provided that I will comment on as soon as possible before the meeting, I encourage everyone to review and comment before the meeting on what they see as being wrong and or missing, that way we may have a chance to get through at least part of it.

[REDACTED]

---

**From:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Sent:** August 12, 2016 10:05:50 AM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** Darren Fry; Joe Tomaino; Laurie Bruce; Anneliese Grieve  
**Subject:** CLC Meeting 20 Materials

Good morning,

Please find enclosed the materials for Community Liaison Committee Meeting 20, which will be held on Wednesday, August 24, 2016 at 6:00 pm. The primary purpose of this meeting is to discuss potential haul routes, including:

- Long list of haul routes (Walker's list and any additional from CLC)
- Screening of long list to short list

- Criteria & indicators that will be used to find the preferred alternative (next steps)

**There will be printed copies of the consultation paper available at the meeting for your use. If you would like a printed copy prior to the meeting, please call our office at 1-855-392-5537.**

**Follow-Up Items from the Meeting 19 (July 27, 2016)**

The following enclosed documents are provided as follow-up from CLC Meeting 19.

- Rationale for screening of Landfill Footprint Option 1
- Meeting transcript
- Draft meeting summary
- Business arising report – includes written answers to questions and two attached documents:
  - Email from Pat Almost (MOECC) regarding the definition of a Lake
  - Groundwater monitoring summary for the Walker Environmental South Landfill

**Please provide any comments on the draft meeting summary by August 31, 2016**, after which it will be posted on walkerea.com with other meeting materials.

We committed to updating the landfill footprint screening map and are in the process of finalizing. It will be provided for illustrative purposes to further outline our rationale in applying the screening by identifying which areas on the Carmeuse property are unable to support landfill operations and for what reason, as well as the size of open spaces that can be compared to landfill area minimum requirements. This will be provided to you at or before Meeting #20.

**Other Notes:**

We have booked the Colombo Club for the first in a series of public events, on September 1, 2016. This event is a reconnection point with the community to provide general information on the project and the status in the EA process. We realize that many people are still on vacation at this time of year, and we want to ensure that the alternative methods discussion occurs when most people are available (likely early October).

Please let me know if you have any comments or questions prior to the meeting.

Regards,

Becky Oehler  
Consultation Manager  
905-680-3675  
boehler@walkerind.com

**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Subject:** RE: Fw: CLC Meeting 20 Materials  
**Date:** Monday, August 15, 2016 11:17:37 AM  
**Attachments:** [image001.png](#)

---

Hi [REDACTED]

I hope you had a good weekend! First, I'd like to thank you for your initial feedback on the document, I'm glad it was clearer than last time. To answer your questions:

- 1) The estimated timeline of the landfill would be the period in which the landfill is operating and receiving waste. Pending EA and other approvals (EPA, OWRA, Planning, etc.), we estimate the site could start receiving waste in 2022 and operate for approximately 20 years as stated in section 5.2 (page 12) of the ToR.
- 2) Carmeuse is estimated to quarry in the Southwest Pit until approximately 2028.

Please let me know if there's any other questions or clarifications you're looking for. I've made a note to provide this information to the group at the CLC meeting during the CLC Correspondence section of the Agenda, but please feel free to forward this information.

Thanks,  
Becky

**From:** [REDACTED]

**Sent:** Saturday, August 13, 2016 12:30 PM

**To:** Darren Fry <DFry@walkerind.com>

**Cc:** Becky Oehler <BOehler@walkerind.com>; [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**Subject:** Re: Fw: CLC Meeting 20 Materials

Darren/Becky

In the workbooklet it states that "The northwest corner of the site is the most practical place to start landfilling. In the estimated timeline for the landfill, Walker would start landfilling at the north end of the site while Carmeuse is quarrying at the south end. It is best practice to keep as much separation between operations as possible."

1. "The estimated timeline for the landfill" please clarify
2. How long is it anticipated for Carmeuse to finish quarrying in the south and be out of

phase 2?

Thanks





**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Walker Public Event - Sept. 1st, 2016 & Newsletter  
**Date:** Wednesday, August 17, 2016 8:44:34 AM  
**Attachments:** [Public Event - September 1, 2016.pdf](#)  
[CE August 2016.pdf](#)

---

Good morning,

Walker Environmental would like to personally invite you and the members of your organization to attend a Public Event for the Southwestern Landfill Project. This event is an opportunity for Walker Environmental to meet with you and the community to provide you with information on the status of the project, and gather feedback during this phase of the project.

**Public Event Details**

**Date/Time:** Thursday, September 1, 2016 from 3pm – 8pm

**Location:** Colombo Club – 434719 West Hill Line, Beachville, Ontario

The topics covered at the event include:

- Update on Project & Timeline
- How Modern Landfills Operate
- Ways to Provide Input
- Next Steps in This Process
- Upcoming Bus Tours to Niagara

The advertisement for the event is attached to this email. Also attached is the August 2016 Community Exchange Newsletter. You can subscribe to receive newsletters by email ([click here](#)).

As always, if you have questions or comments, or would like to schedule a meeting with our team, please contact me or our office at 1-855-392-5537 or by email at [info@walkerea.com](mailto:info@walkerea.com). We would be happy to meet with you and/or your membership at your convenience.

Warm regards,  
Becky Oehler  
905-680-3675

**From:** [Darren Fry](#)  
**To:** [REDACTED]; [Becky Oehler](#)  
**Subject:** RE: Confusion with meeting materials  
**Date:** Thursday, August 18, 2016 12:01:27 PM

---

Hi [REDACTED]

Sorry for any confusion in the terminology here.

Our definition of a "local" road is any public road that isn't designated a Provincial or County road. Therefore, we would consider a township road a local road.

I hope this helps.  
Darren

**From:** [REDACTED]  
**Sent:** Thursday, August 18, 2016 11:23 AM  
**To:** Becky Oehler <BOehler@walkerind.com>; Darren Fry <DFry@walkerind.com>  
**Subject:** Confusion with meeting materials

Hi  
I am going through the meeting materials for upcoming CLC meeting and am a bit confused and I am hoping you can clarify.

I am looking at the Haul routes consultation paper at the criteria and indicator section. on criteria # 19 (page 21) the indicators state "Length of each route on local road system (not Provincial, County, or private roads)"

I am a little confused on the not provincial, county or private roads stipulation my interpretation is that leaves township roads am I correct?

Thanks  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]; [Becky Oehler](#)  
**Subject:** RE: Concerns & Comments on Criteria Indicator chart  
**Date:** Friday, August 19, 2016 3:01:22 PM

---

Thanks for the input [REDACTED]. You should know that you have always been most professional in your involvement with this project. I remember our first conversation at an open house and recall how polite you were despite our differing views.

We really appreciate the time you've invested, the inputs you offer and how you research facts - this is what an EA is intended to do. No offense is taken.

We'll review your comments and input (I already see a few things we can incorporate into the CA). I would like to chat with you about your broader thinking as it relates to the level of study at this phase in the EA - I'm in Ingesoll for another 30 min if you would like to call. Otherwise we can chat next week.

Have a good weekend.  
Darren

**From:** [REDACTED]  
**Sent:** Friday, August 19, 2016 2:07 PM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>  
**Subject:** Concerns & Comments on Criteria Indicator chart

Let me preface this by saying that any comments or concerns that I bring up are NOT a personal attack on any individual or their work. I stand by my original statement that the materials for the CLC meeting contained explanations of the what/why you are looking at and the follow-up questions phrased to help me formulate responses more easily.

My job, as I see it, is to bring my knowledge of this community to consultation and to understand the process and proposal to the best of my lay person's ability. Over the past 4 plus years I have done my best to gain that understanding. My job is to participate to the best of my capabilities and also see that you are adhering to the Act and codes and giving me the information so I can understand. To that end, I tend to question everything. Any comments/questions/concerns should NOT be seen as an attack.

Given that any evaluation must be clear, logical and traceable in which anyone with the same information could reach the same conclusion without any additional assumptions, I have some concerns regarding the Comparative Evaluation Criteria & Indicators chart, in particular, the indicators.

The indicators you are proposing are very cursory and will not address the potential effects on our community by the haul routes. I do not see how counting the number of residents/farms/businesses/turns/stops etc will give a true picture of how the haul routes will impact the life in our community. Without such information, I cannot come to any conclusions about a preferred route without making any assumptions.

Attached is a comparative chart that I have worked on listing my concerns and additional indicators that would help create a clearer picture of what is involved in the decision making.

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** Response to Questions re: CLC# 20 - Haul Routes Screening  
**Date:** Tuesday, August 23, 2016 10:03:51 PM  
**Attachments:** [WEG Response to D. Clark, Haul Routes 23.Aug.16.pdf](#)  
[WEG Response to D. Clark, CLC19 23.Aug.16.pdf](#)

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Hello everyone,

I wanted to provide you with a copy of our written responses to questions that were provided to us by [REDACTED] on August 15<sup>th</sup>, 2016. I've separated the comments as they relate to CLC #19 and those that related to CLC #20 – Haul Routes Screening. I will also note that [REDACTED] has raised some good points and I have highlighted a few (in yellow) and I would like to discuss these tomorrow.

[REDACTED] also provided a few inquiries over the past two weeks and I want to make sure that members of the CLC have access to the same information so I have summarized [REDACTED] questions and our responses below.

Lastly, we will be providing a revised site plan that outlines our landfill footprint screening rationale in a slightly modified format based on some of the feedback we received at our last meeting. Hard copies will be provided tomorrow.

[REDACTED] questions and WEG's responses:

1. Question – what is the definition of “local” road? Is it the same as a “township” road?
  - a. WEG - our definition of a “local” road is any public road that isn't designated a Provincial or County road. Therefore, we would consider a township road a local road.
2. Question – what is the “estimate timeline for the landfill”?
  - a. WEG - The estimated timeline of the landfill would be the period in which the landfill is operating and receiving waste. Pending EA and other approvals (EPA, OWRA, Planning, etc.), we estimate the site could start receiving waste in 2022 and operate for approximately 20 years as stated in section 5.2 (page 12) of the ToR.
3. Question – how long is Carmeuse estimated to be quarrying in the south quarry
  - a. WEG - Carmeuse is estimated to quarry in the Southwest Pit until approximately 2028.

A hard copy of this email and attachments will be provided to CLC members that don't use email.

Regards,  
Darren

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: site plan I referred to last night  
**Date:** Friday, August 26, 2016 8:14:26 AM

---

Hi [REDACTED] and thanks for this. I have copies of these plans. I'll have a look in greater detail but I think these plans, at the least the Operational Plans, are intended to show general phasing and mining directions (ie. Phase 3 from south to north).

I'll let you know once I've reviewed these and we can set up a call. You are also welcome to come by if you would like to look at the map in a larger size.

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Thursday, August 25, 2016 12:07 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** site plan I referred to last night

Hi Darren

Here is a copy of the site plan for 2136 I was referring to last night. To the best of my knowledge it hasn't been amended since April of 2015 and should be the most up to date version of Carmeuse's plan.

The page numbering starts at 2 as Don and I had it scanned and copied from the large MNRF version and there was no information other than the licence number and Carmeuse's name on page one and we were trying to economize on the price.

The page I was referring to is Page 3 of 5 in PDF part 1

[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Cc:** [Leticia Koole](#); [Darren Fry](#)  
**Subject:** FW: CLC at Open House  
**Date:** Wednesday, August 31, 2016 2:36:00 PM  
**Attachments:** [image001.png](#)

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**From:** [REDACTED]  
**Sent:** Wednesday, August 31, 2016 12:41 PM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Re: CLC at Open House

Thanks Becky and I just want to say that in my opinion the board for CLC is PERFECT!!!!

On Wed, Aug 31, 2016 at 11:52 AM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

Thanks for your email and for volunteering to be available at the public event to discuss your role on the CLC and your thoughts with other community members.

3:00 pm sounds great, please feel free to stay as long as you are comfortable. We'll make sure that you have some dinner as well!

Also, I've attached a PDF of the board that will be up in your area.

See you tomorrow!  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, August 30, 2016 6:44 PM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** CLC at Open House

Hi Becky  
I just got an email from Katrina asking us to let you know about our participation in Open House.

I have already had a discussion with Darren and he has probably passed the info along. I will be at the Colombo Club for 3:00 opening. Until when is to be determined but I am prepared to stay as long as people are around even to 8pm if necessary.

See you on Thursday  
[REDACTED]

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

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]; [Darren Fry](#); [kkroeze@transfertconsult.ca](mailto:kkroeze@transfertconsult.ca)  
**Subject:** RE: From CLC table at Open House yesterday  
**Date:** Friday, September 02, 2016 10:18:49 AM

---

Hi [REDACTED]

Thank you for sending this synopsis, it's so helpful to have this information captured. Also, I know I speak for our whole team when I say thank you again for staying for the entire public event at the CLC table. I hope that you found it valuable to be at the event, and I'm sure the whole CLC will be interested to hear about your experience at the next meeting.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Friday, September 02, 2016 10:06 AM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>; [kkroeze@transfertconsult.ca](mailto:kkroeze@transfertconsult.ca)  
**Subject:** From CLC table at Open House yesterday

Hi

Wasn't sure who to send this to but here is a synopsis of discussions I had at CLC table yesterday.  
Several people expressed the same issues as others.

[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: please explain  
**Date:** Tuesday, September 06, 2016 3:32:37 PM

---

Hi [REDACTED]

The baseline scenario that is outlined in our Estimated Timeline for the CLC (link provided in your email below) refers to the land use planning baseline. I think there was some confusion around this.

We are prepared to have this as topic for the November CLC meeting. In addition, we are open to having the Environmental Baseline Conditions as a CLC topic at the appropriate time in the New Year. These baselines are conducted after the work plans have been finalized.

To clarify, I think we will add this to our agenda for discussion at our next CLC meeting.

Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Tuesday, September 06, 2016 11:07 AM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** please explain

Hi Darren

I have been going through the consultation schedule (I know that the dates aren't written in stone) but am confused by baseline scenarios

[http://www.walkerea.com/uploads/699/Doc\\_635999426148148585.pdf](http://www.walkerea.com/uploads/699/Doc_635999426148148585.pdf)

Are these the baseline scenarios based on future land use as presented in the TOR prep, or are they the baseline studies done with criteria and indicators to compare options to identify the preferred alternative?

The term is confusing me

Thanks  
[REDACTED]



**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Laurie Bruce](#); [Anneliese Grieve](#)  
**Subject:** RE: Request for agenda item CLC  
**Date:** Tuesday, September 13, 2016 11:31:13 AM

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Hi [REDACTED]

I think we can spend a bit of time reviewing the Comparative Analysis process at our upcoming meeting. It is important to understand this process in preparation for our October meeting which we'll review how it was applied to the Alternatives that pass the screening phase (ie. short list).

I would ask that you review our presentation from the June Mtg., specifically pgs 8-16 - [http://www.walkerea.com/uploads/728/Doc\\_636027196135377756.pdf](http://www.walkerea.com/uploads/728/Doc_636027196135377756.pdf) and the example from our SLF EA - [http://www.walkerea.com/uploads/728/Doc\\_636033139282721946.pdf](http://www.walkerea.com/uploads/728/Doc_636033139282721946.pdf)

Also, our ToR also sets out this process – Section 8.1.3 to 8.1.7.

I like your idea of sending some questions in advance so we can be sure to understand how best to discuss/address them. Please feel free to send them to me.

I appreciate your insight [REDACTED]  
Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, September 12, 2016 1:20 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Cc:** Laurie Bruce <laurie.bruce@sympatico.ca>; Becky Oehler <BOehler@walkerind.com>; Anneliese Grieve <grievea@rogers.com>  
**Subject:** Request for agenda item CLC

I am writing to request that before we get into discussions on leachate and gas management at the next meeting, that you include an agenda item to clear up any confusion on the process of comparative evaluation of the alternatives.

I know that Becky has presented the funnel concept on how the alternatives are screened out and evaluated but I am a bit lost on the details of this process and what is included.

I speak only for myself but I suspect that there may be others on the CLC who may have the same confusion so it may be beneficial for more than just me.

If it would help, I am more than willing to send my questions in to you in advance of the meeting, so you understand where my confusion is but I feel that it would be beneficial for all members of the CLC to hear your responses/clarification as a group. As we have seen at meetings, people do not always have time or the inclination to read the material prior to the meeting and responding to my questions in email or print form isn't always reaching everyone.

Thank you for considering

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: Questions on Comparative Evaluation of the Alternative process  
**Date:** Wednesday, September 14, 2016 10:50:55 AM

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Thanks [REDACTED] I will review with our team and we will discuss this at our upcoming CLC meeting.

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Wednesday, September 14, 2016 10:41 AM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** Questions on Comparative Evaluation of the Alternative process

I am following the flow chart of how you develop a long list to short list of alternatives for each category. I am following how you have screened them out by the criteria: consistency with purpose of EA, capable of approval re: statutes, technically feasible, and commercially viable. I understand these steps but it is helpful for me to understand what will be happening next to provide more fruitful input at this step.

I understand that you are consulting and getting input on this from CLC, public during event in October and possibly the peer review team.

Questions:

- **When will the CLC see the finalized charts (for lack of a better word) on where the input received is incorporated and the finalized indicators you will be proceeding with?**
- **Will this include the data sources you will employ to evaluate the indicators and will the CLC be given the opportunity to consult on those sources?**
- **Who will be doing the actual studies/comparisons of the indicators?**

It is my understanding that the next (more refined) comparative evaluation follows the following steps:

1. Evaluate alternatives to (potential effects, impact management, net effects, advantages /disadvantages).
2. Identify preferred alternative

My next questions are based on #1 above

- **Who will be doing the evaluation for potential effects, impact management etc.?**
- **How long do those evaluations typically take?**
- In comparing the advantages and disadvantages, the Code states, "*The Environmental Assessment Act does not differentiate between the importance of the different environments*

*(that is, natural, social, economic, cultural, built). It is expected that the effects to one environment may be greater than the effects to another. There may be a need to weight the importance of the different environments. To ensure traceability, this must be done before any evaluation takes place and in consultation with any interested persons" (page 32). **When will this consultation take place and in what form?***

I understand that there is a CLC meeting scheduled for the identification of the preferred alternative but it appears to me that there is a lot of info involved in these comparisons. Will we be updated during the evaluations in #1 above?

Thanks



**From:** [Darren Fry](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: Tour of South Landfill  
**Date:** Monday, September 19, 2016 1:19:37 PM  
**Attachments:** [image001.png](#)

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**From:** [REDACTED]  
**Sent:** Monday, September 19, 2016 1:19 PM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>  
**Subject:** Re: Tour of South Landfill

Well either works for me, I was just thinking that some of the more detailed discussions might prove to confuse those in the community who haven't been as involved and this is their first exposure. Perhaps we can discuss it more at meeting.

I don't have a problem with the workbook being late, these things happen and it wasn't like it was done on purpose. I can appreciate Leticia's frustration though, I just discovered that I lost a video that I made for a family member and all my raw work files are corrupt so they are gone as well. Technology can be great but also frustrating. I appreciate that she worked all weekend to get it done.

[REDACTED]

On Mon, Sep 19, 2016 at 12:57 PM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:

Hi [REDACTED]

I was thinking we can combine the two (ie. have some detailed/landfill focused discussion as a group).

Alternatively, once the bus arrives, I can take the 3 CLC members separately for a focused tour if required.

Sorry for the late materials today. Poor Leticia had just finished including my final comments on the workbook at 4:30 Friday and when she hit save/print – the program stopped and file corrupted itself. She had to rebuild the workbook from scratch on the weekend.

Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, September 19, 2016 12:42 PM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>  
**Subject:** Tour of South Landfill

Hi Darren  
I noticed in the meeting materials there was a notice about community bus tours of South Landfill and a request for CLC to participate.

Is this instead of the more detailed one we were discussing that [REDACTED] showed interest in?

Thanks

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

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T: [905-680-3783](tel:905-680-3783)  
C: [905-329-4265](tel:905-329-4265)  
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**From:** [Almost, Patricia \(MOECC\)](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com); [Joe Tomaino](#)  
**Subject:** MOECC participation in Sept 28 CLC meeting  
**Date:** Monday, September 19, 2016 3:46:03 PM

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Good afternoon all

I had mentioned at the last meeting that it was unlikely that I would be attending the September PLC meeting due to my upcoming retirement from the ministry.

The following ministry staff from the London District Office will be attending:

Dan Crompton, Acting London District Supervisor

Bob Slivar, Senior Environmental Officer

I appreciate this opportunity to say goodbye and to let all the PLC members know how much I respect your commitment to being on the PLC and representing your community. I certainly understand the time it takes from your lives to participate in this process and I continue to be impressed by your knowledge, respect and level of preparedness for each of the meetings that I have had the opportunity to attend.

I wish you all my best regards and I hope to see you in my many wanderings in Oxford County.

pat

for now:

**Pat Almost**

Issues/Projects Coordinator

Ministry of the Environment and Climate Change

Ministère de l'Environnement et de l'Action en matière de changement climatique

London District Office

(519) 873-5037

[Patricia.almost@ontario.ca](mailto:Patricia.almost@ontario.ca)

**From:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**To:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com); [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: CLC Meeting #21 Materials  
**Date:** Tuesday, September 27, 2016 11:53:49 AM  
**Attachments:** [01 - Agenda - CLC Meeting 21 - Sept 28 2016.pdf](#)  
[02 - Leachate and LFG Workbook FINAL Letter.pdf](#)  
[03 - CLC Meeting 21 Sept 28 2016.pdf](#)  
[04 - CLC Meeting 20 Summary.pdf](#)  
[05 - Business Arising Report - Meeting 20.pdf](#)  
[06 - Revised Criteria and Indicators for Haul Route Comparative Analysis.pdf](#)  
[Transcript of CLC Meeting 20.pdf](#)

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**From:** Info@walkerea.com  
**Sent:** Tuesday, September 27, 2016 11:52 AM  
**To:** [REDACTED]  
**Subject:** CLC Meeting #21 Materials

Good Afternoon [REDACTED]

Please find attached all the needed materials for the Wednesday, September 28<sup>th</sup> CLC Meeting #21.  
**There will be printed copies of the consultation papers available at the meeting for your use.**

Just to reaffirm you are more than welcome to start the night at 5:30pm for the pizza dinner we supply. The meeting will begin at 6pm.

The primary purpose of this meeting is to discuss Leachate Treatment Management and Landfill Gas Management Alternatives.

Thank you for attending.

Sincerely,  
Tanya

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Joe Tomaino](#)  
**Subject:** RE: A question re: indicators  
**Date:** Wednesday, September 28, 2016 4:16:41 PM  
**Attachments:** [image002.png](#)

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No problem [REDACTED] – I hope we can clarify things tonight; it is a complex process. You should know that you are asking very relevant and good questions about the EA in general and the process we are using to conduct this EA.

Best,  
Darren

**From:** [REDACTED]  
**Sent:** Wednesday, September 28, 2016 3:21 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Cc:** Joe Tomaino <JTomaino@walkerind.com>  
**Subject:** Re: A question re: indicators

Thanks Darren

I am still confused but hoping tonight's meeting will clarify things...you will have to be patient with me, my learning curve hasn't caught up with you experts  
I'm sorry the powerpoint didn't work, I have an old version on office and that might be the problem. I was trying not to make extra work for anyone.

See you tonight  
[REDACTED]

On Wed, Sep 28, 2016 at 2:27 PM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:

Hi [REDACTED]

The criteria and indicator list is considered a draft until such time that we finalize and submit the EA, which as you know isn't expected to occur until 2018. Therefore, we note it as draft at this time.

You are correct in noting that all of your suggested indicators have not been incorporated into our comparative analysis. We have incorporated some of the indicators that you suggested. Many of the indicators you provided that weren't used at the comparative analysis stage will be used/assessed at the detailed impact/environmental assessment stage (ie. air emission modelling). Some of the indicators used in the comparative analysis stage will be used again and studied in more detail at the detailed impact/environmental assessment stage.

I think our discussion this evening regarding the comparative analysis process that has been approved in our ToR will help illustrate the rationale for the selection of indicators at the comparative analysis stage. If you would still like further clarification, Joe or I would be happy to meet with you and discuss in additional detail.



I received your email from earlier today and we'll have a copy of Sec. 8.1 of the ToR available to put on the screen if needed. Thanks for this (we'll use a .pdf excerpt from the Approved Amended ToR as your .ppx file wasn't converting all the characters properly).

Thanks and look forward to speaking tonight,  
Darren

**From:** [REDACTED]

**Sent:** Monday, September 26, 2016 12:56 PM

**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>

**Subject:** A question re: indicators

Hi Darren

I was just going over the material for the CLC meeting. I have a question about the revised criteria list. I noticed it said draft but also noticed that there were some additions to it.

Can you please explain why most of my suggested indicators are not included and give me the rationale for their exclusion?

I am resending my suggestions that I sent in Aug 19<sup>th</sup>.

Thank you

[REDACTED]

**Darren Fry**, A.Sc.T

Project Director- Southwestern Landfill  
Strategic Growth

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T: [905-680-3783](tel:905-680-3783)

C: [905-329-4265](tel:905-329-4265)

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Monday, September 19<sup>th</sup>, 2016

Dear [REDACTED]

Please find enclosed the materials for Community Liaison Committee Meeting 21, which will be held on Wednesday, September 28, 2016 at 6:00 pm. The primary purpose of this meeting is to discuss Leachate Treatment Management and Landfill Gas Management Alternatives.

**Follow-Up Items from the Meeting 20 (August 24, 2016)**

The following enclosed documents are provided as follow-up from CLC Meeting 20.

- Meeting transcript
- Draft CLC meeting summary
- Business arising report – includes written answers to questions and two attached documents:
  - Revised Criteria and Indicators for Haul Route Comparative Analysis

**Please provide any comments on the draft CLC meeting summary by September 30, 2016**, after which it will be posted on walkerea.com with other meeting materials.

**Other Notes:**

We have booked the Colombo Club for a workshop, on October 13, 2016. This event will be a consultation on the Alternative Methods (5 Landfill Components) that the CLC has been reviewing and providing input over the past three meetings.

Additionally, we have scheduled a Bus Tour on Saturday October 15, 2015. We encourage CLC Members to take this opportunity to attend.

More information on both these dates will be further discussed at the CLC Meeting 21.

Please let me know if you have any comments or questions prior to the meeting.

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Follow-Up Items from September 28 CLC Meeting  
**Date:** Tuesday, October 04, 2016 1:31:55 PM  
**Attachments:** [Public Event - October 13, 2016 - FINAL.pdf](#)  
[Pat Almost Email - Liner Designs.pdf](#)

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Good afternoon CLC Members,

Hope you had a nice weekend. As a follow-up from our meeting last Wednesday September 28<sup>th</sup>, I have a few reminders and updates for the group.

1. You are invited to participate at the Public Workshop on **October 13<sup>th</sup>**. We are looking for the participation of a CLC member at each table during each session (multiple tables per session). **Session 1 starts at 3PM and Session 2 starts at 6PM**. If you are available for one or both of these two time slots, **please email [info@walkerea.com](mailto:info@walkerea.com) or call 1-855-392-5537** as soon as possible.
2. We also encourage you to distribute the invitation to the workshop. You can [go to our website](#) for more information. **I've also attached a copy of the newspaper advertisement in case you would like to distribute it.**
3. The **Bus Tour** is set for **Saturday October 15<sup>th</sup>**. Please email [info@walkerea.com](mailto:info@walkerea.com) or call **1-855-392-5537** to register if you haven't done so already. The bus leaves the Ingersoll Office at 9AM and is scheduled to return at 3PM.
4. Attached is an email from Pat Almost regarding the generic liner designs. You will note that it is from August 17, 2016. I apologize for not sending it out earlier. Please let me know if you have any questions related to her email.
5. We briefly spoke about the **Record of Consultation**, what kind of communication gets included and what does not. Please note that email communication that is with a Walker project team member is included with names blacked-out as an appendix to respect the Privacy Act.
6. Finally, the Facilitation Team (Laurie and Katrina) have created a new email address for easy communication. You can reach them at [communityliaisoninfo@gmail.com](mailto:communityliaisoninfo@gmail.com)

Thanks,  
Becky

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Joe Tomaino](#)  
**Subject:** RE: Question on discussion paper  
**Date:** Tuesday, October 04, 2016 11:45:52 AM

---

Hello [REDACTED]

Thanks for this, I'll address a few things here.

For our Oct. CLC meeting we will be presenting the findings of the comparative analysis with respect Haul Routes and Landfill Design. We'll also circle back and outline the preferred alternatives for all 5 of the alternative methods evaluated. The consultation workbook will incorporate key elements of this step in the process in a fashion similar to the consultation workbooks we have used for other Alt. Methods over the past few months.

The discussion paper that Joe referred to at last week's CLC meeting is the draft of the Alternative Methods section of the EA (if you are looking at the South Landfill EA as reference, it would be similar in scope to Sec. 5 of the SLF EA). We expect to have it finalized in draft form by late November and will issue it (ie. post it on our website) for comment. It will also be included as part of the draft EA which will be issued prior to the finalization/submission of the EA at the end of the process.

Does this help? If not, feel free to call – I'm Ingersoll today.

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, October 03, 2016 12:12 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Cc:** Joe Tomaino <JTomaino@walkerind.com>  
**Subject:** Question on discussion paper

Hi Darren

Joe mentioned at the last CLC meeting that many of the items I was asking about (net effects, advantages, disadvantages etc.) would be presented in a discussion paper.

I have been going through the archived documents for the South Landfill to see an example of the discussion paper on haul routes. I have found references to it in the agenda for the Liaison Committee- Consultation Paper #2(f) Evaluation of Haul Routes and Site Entrances (Feb 2005) where it was mentioned as being attached to agenda, and was discussed in the minutes but it doesn't appear in any links. Nor is it linked as a standalone document with the other "alternative method" docs.

I noticed that Consultation Paper #2(e) Evaluation of Landfill Footprints strongly corresponds with what is presented in the South Final EA.

The Southwestern Landfill, Discussion Paper # 3 - Rationale for Alternatives, presented at the April 2013 CLC meeting is identical to the doc Walker submitted with the TOR.

Is it safe to assume that contents in Section 5.4 Evaluation of Haul Routes and Site Entrance of the South EA is the same as the missing consultation paper and closely resembles what we should anticipate on Haul Routes in the discussion paper to be presented at the October 2016 CLC meeting on results of comparative Analysis?

Thanks



**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Materials for October 13 Public Workshop  
**Date:** Thursday, October 06, 2016 5:03:49 PM  
**Attachments:** [October 13 Public Workshop Information.jpg](#)

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Good afternoon CLC members and Alternates,

Please [click here](#) to access the Consultation Paper for the October 13, 2016 Public Workshop at the Colombo Club. Hard copies will be provided to each participant at the workshop.

We are still looking for CLC members (or alternates) to participate in the workshop to share their perspective with community members. **Session 1 starts at 3PM and Session 2 starts at 6PM.** If you are interested and available for one or both of these two time slots, **please email [info@walkerea.com](mailto:info@walkerea.com) or call 1-855-392-5537** as soon as possible.

I have also attached a picture with information about the workshop. Please feel free to share this image with others via email or on social media.

Please let me know if you have any questions.

Thanks and Happy Thanksgiving,  
Becky

October 6, 2016

Please find enclosed the Consultation Paper for the October 13, 2016 Public Workshop at the Colombo Club. Hard copies will be provided to each participant at the workshop.

We are still looking for CLC members (or alternates) to participate in the workshop to share their perspective with community members. **Session 1 starts at 3PM and Session 2 starts at 6PM.** If you are interested and available for one or both of these two time slots, **please email [info@walkerea.com](mailto:info@walkerea.com) or call 1-855-392-5537** as soon as possible.

Please let me know if you have any questions.

Warm Regards,

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

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** October 26, 2016 CLC Materials  
**Date:** Friday, October 14, 2016 8:15:07 PM  
**Attachments:** [01 - Agenda - CLC Meeting 22 - Oct 26 2016.pdf](#)  
[CLC Meeting 21 Summary.pdf](#)

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Good evening CLC and Alternates,

Please find attached the Agenda for the October 26, 2016 CLC meeting, as well as the draft meeting summary for the September 28<sup>th</sup> meeting. If you have any feedback on the meeting summary, please let me know by October 31<sup>st</sup>. After that the summary will be finalized and posted on the walkerea.com website.

I apologize that the rest of the materials are not attached. With the public event this week, we were unable to finish the materials in time, but we will be sending them out as soon as possible on Monday.

On Monday, I will be sending out:

- 1) Consultation Paper (booklet) on Preferred Alternatives
- 2) Business Arising report with written responses

For those who receive CLC materials by mail, we will work to have them delivered as soon as possible.

Warm regards,  
Becky Oehler



**From:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** CLC Materials for Meeting 22 - October 26, 2016  
**Date:** Monday, October 17, 2016 3:53:39 PM  
**Attachments:** [CLC Meeting 21 Transcript.pdf](#)  
[01 - Agenda - CLC Meeting 22 - Oct 26 2016.pdf](#)  
[02 - Preferred Alternatives CLC Consultation Paper.pdf](#)  
[03 - Business Arising Report - Meeting 22.pdf](#)  
[03a - South Landfill EA - Haul Route Alternatives Evaluation Text.pdf](#)  
[CLC Meeting 21 Summary.pdf](#)

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Good afternoon CLC and Alternates,

In follow up to my email on Friday, please find attached the materials for CLC meeting 22 on Wednesday, October 26, 2016 at 6 pm.

- 1) Agenda (previous agenda had an error on the date)
- 2) Preferred Alternatives CLC Consultation Paper
- 3) Business Arising Report with additional document: South Landfill EA – Haul Route Alternatives Evaluation Text (accompanies Haul Route Comparative Evaluation table handed out at Meeting 18)
- 4) CLC Meeting 21 (September 28, 2016) Summary
- 5) CLC Meeting 21 Transcript

Thanks for your patience, I apologize for getting these materials out later than usual. Please let me know if you have any questions or comments prior to the meeting.

Warm Regards,  
Becky

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Public Workshop - November 16, 2016  
**Date:** Tuesday, November 01, 2016 4:20:12 PM  
**Attachments:** [Public Workshop Nov 16, 2016 Ad.pdf](#)

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Good afternoon CLC and Alternates,

I would like to invite you to attend a Public Workshop for the Southwestern Landfill Environmental Assessment on Wednesday, from 3- 8 pm on November 16, 2016 at the Colombo Club in Beachville. Similar to the last event in October, there are two sessions, each with the same agenda.

The topic for the Public Workshop is the Identification of the Preferred Alternatives for 5 key landfill components: landfill footprint, landfill design, haul route & site entrance, leachate management, and landfill gas management. The content will be similar to the October 26, 2016 CLC meeting.

- Session 1 starts at 3:30 pm
- Session 2 starts at 6:30 pm

Please see the attached advertisement for additional information.

We are asking people to register in advance so we can provide the materials ahead of time. You can register three different ways:

1. Online at [www.SWLFPublicWorkshop.Eventbrite.ca](http://www.SWLFPublicWorkshop.Eventbrite.ca)
2. Call 1-855-392-5537 (toll-free)
3. Email [info@walkerea.com](mailto:info@walkerea.com)

Also, the November edition of the Community Exchange Newsletter ([link here](#)) is available and contains information about the upcoming Public Workshop. Please let me know if you have any questions.

Thanks,  
Becky

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: Suggestion for workshop workbook  
**Date:** Wednesday, November 09, 2016 12:08:44 PM

---

Hi [REDACTED]

Thank you for this note. To be sure I fully understand your request/suggestion – would you be able to call me? I'm in the office and any time before 2:30 today works.

Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Wednesday, November 09, 2016 12:01 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** Suggestion for workshop workbook

Hi Darren

I have been reviewing the workbook that we had at the last CLC meeting and have reviewed my notes and comments from that meeting and am requesting you include the following when preparing the workbook for the upcoming public workshop.

The code states, “*The evaluation method(s) chosen must be able to produce an assessment that is clear, logical and traceable. A clear, logical and traceable assessment is one in which anyone with the same information could reach the same conclusion without any additional assumptions.*” (page 30) **I believe in order to ensure traceability the workbook for the upcoming workshop needs to be more balanced in not just reflecting key advantages but also key issues that require study. By including issues raised by the CLC, the community has a clear, concise and logical paper to follow.** This will also demonstrate adherence to the code where it states “*Sharing complete information with all interested persons to support conclusions and recommendations at each phase in the process*” (page 13)

I suggest the following list:

#### **Landfill footprint**

- Effects on groundwater and surface water quality
- Effectiveness of generic double liner

#### **Landfill design**

- Risks associated with proximity of waste to potentially fractured bedrock
- Risks to groundwater quality

### **Haul route & Site Entrance**

- Safety concerns with Hwy 401 Interchange 222
- Safety concerns and accident risk at County Road 6 and Beachville Road intersection
- Lack of information about ecology and archaeological resources along proposed private road

### **Leachate Management**

- How does input of treated water to Thames River affect flows and ecosystem
- What is the back-up plan if on-site treatment fails
- What are the components that will make up the system? If ponds are used how will risks to wildlife be managed?

### **Landfill Gas Management**

- No issues at this time

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** CLC Meeting 23 Materials - November 23, 2016  
**Date:** Friday, November 11, 2016 4:13:58 PM  
**Attachments:** [04 - CLC Meeting 22 Summary draft.pdf](#)  
[01 - Agenda - CLC Meeting 23 - Nov 23, 2016.pdf](#)  
[02 - Facilities Characteristics & Climate Change, Planning Assumptions Presentation.pdf](#)  
[03 - Business Arising Report - Meeting 23.pdf](#)  
[CE November 2016.pdf](#)

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Good afternoon CLC and Alternates,

On this Remembrance Day I hope you are able to take time to reflect on the dedication and sacrifice of the men and women of the Canadian armed forces, both past and present.

Please find attached the materials for the upcoming CLC meeting on **Wednesday, November 23, 2016** at 6:00 pm (dinner will be available at 5:30 pm).

- 1) Agenda
- 2) Presentation: Facility Characteristics, Planning & Climate Change Assumptions
- 3) Business Arising Report
- 4) October 26 CLC meeting Draft Summary – *please provide any comments by November 30, when it will be posted on walkerea.com*

-  
The November edition of the Community Exchange Newsletter is also attached.

-  
There are several things I'd like to note:

- **Transcript:** The transcript from the October 26 CLC meeting is not yet complete. It will be sent to you upon completion.
- **MOECC Observer:** Emilia Kuisma, Issues Project Director, will be joining us at the new primary observer from the MOECC London District Office (replacing Pat Almost).
- **Carmeuse Site Tour:** Please let us know which dates you are available by using the [doodle poll](#) or by emailing [info@walkerea.com](mailto:info@walkerea.com) or by calling Tanya at 1-855-392-5537. The dates are Saturday, January 21, 2017 or Saturday, January 28, 2017.
- **December 7 Meeting:** As a thank-you for the time you have dedicated to being a member or alternate of the CLC, you are invited to attend an Open Agenda CLC Thank-You Meeting on December 7, 2016 at 6 pm at the Walker Environmental Office in Ingersoll. There will be a meal and opportunity for everyone to speak informally and discuss topics of interest to you. Due to the informal nature, this meeting will not be recorded or transcribed.
- **November 16 Public Workshop:** There is a public workshop on the Preferred Alternatives scheduled for November 16, 2016 at the Colombo Club. The material ([available online](#)) is similar to what was covered at the October 23, 2016 CLC meeting. If you are planning on attending, please register [online](#), or by email ([info@walkerea.com](mailto:info@walkerea.com)) or by phone 1-855-392-5537. [Click here for more information](#).

Looking forward to seeing you at the Public Workshop or the CLC meeting.

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Subject:** RE: requesting information  
**Date:** Wednesday, November 23, 2016 12:41:28 PM

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Hi [REDACTED]

Thanks for this. I recall the conversation and we did in fact capture this request in our Business Arising Report – Item #2 from CLC Mtg. #21. To address the CLC member’s request for “more information on how you are protecting the environment from the leachate ponds” - we noted and referenced in our response that the Landfill Standards – Section 4.1 set out the requirements for leachate collection, treatment and disposal systems.

I hope this answers your question.  
Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Tuesday, November 22, 2016 4:01 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** requesting information

Hi Darren

From time to time I go through the meeting transcripts just to refresh

Meeting #21 with regards to leachate and landfill gas  
on page 16 you mentioned an info package on the South landfill leachate treatment.

DF: I think we, BO I’ll look to you as well, I think we can provide an information package as follow-up as they relate to the aeration ponds, the primary treatment facility to address to some of the questions we are hearing tonight.

Was this sent out and I just missed it? I don't seem to be able to locate this in my files.

Thanks  
[REDACTED]

**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#); [Becky Oehler](#); [Info@walkerea.com](mailto:Info@walkerea.com); [REDACTED]  
**Subject:** Re: Technical Experts and Ministry Representatives  
**Date:** Friday, November 25, 2016 7:18:45 PM

---

I really don't care if Economics and Traffic are added and I don't care if Social is a primary issue, but you will either need another meeting or one meeting is going to have 3 work plans.

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**From:** [REDACTED]  
**Sent:** November 25, 2016 4:17:31 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED] Darren Fry; boehler@walkerind.com; Info@walkerea.com; T [REDACTED]  
[REDACTED]  
[REDACTED]  
**Subject:** Re: Technical Experts and Ministry Representatives

I would concur with the suggestions made by [REDACTED] as a direction for reviewing the work plans.

Just as a preference though for personal reasons, I would like to review traffic as a secondary ahead of ecology. I would like to see a representative from the MTO available at that time to review the plan as well. I know it's pretty straight forward but I want to have another look at the direction of this specific work plan.

S [REDACTED]  
[REDACTED]

On Nov 25, 2016, at 12:57 PM, [REDACTED] wrote:

If I may suggest:

Given the conversation at CLC meeting #9 (social impact expert) where [REDACTED] requested that the expert go over with the CLC, the surveys being used prior to them being utilized:

*CL: Will we have an opportunity to review the data collection tools this group will be using before they actually use them in our community?*

*JL: Yes. I think that's fair to say, and that's something we can talk about when we - that's a topic that's going to be carried over into the environmental assessment once the Terms of References is approved, because I don't believe we'll have them prepared... it's not part of the Terms of Reference, so when we're actually into the environmental assessment program, and absolutely I think it's fair that the community - that people who are interested in seeing that before we use them get a chance to review them, yeah.*

*TW: If I could add, it's also a bit of a procedural thing that you are being studied, you deserve to look at - because you are being studied, you deserve to at least provide comment on the tools that you're being*

*studied with. (page 56)*

and given that the SIA is subjective in comparison to the more technical data of other studies, the Social Impact Expert should be included in the primary tier of importance and the economic expert be an addition to the secondary tier.

Therefore:

Primary subjects to be covered with experts are:

- Groundwater/Surface Water
- Social Assessment, for reason given above
- Human Health,
- Cumulative Effects, given we have no presentation or work plans for this

Secondary subjects to be covered with experts are:

- Economic
- Noise/Air
- Ecology

As [REDACTED] has suggested, the primary tier subjects should be focus of meeting and one from secondary list be included as secondary subject of said meeting.

Mary

On Fri, Nov 25, 2016 at 11:35 AM, [REDACTED] wrote:

As discussed at CLC Meeting #23, the following are a list of Technical Experts who will be doing the Studies for WEG that need to be available at a CLC meeting to explain their Work Plan and answer questions.

In order of importance: 1. Groundwater/Surface Water, 2. Human Health, 3. Cumulative Effects, 4. Social Assessment, 5. Ecology, 6. Air/Noise.

It would be desirable to have a representative from the appropriate Ministry present for each Technical Presentation in addition to the regular representative from the MOECC.

Due to their importance the first three should be the primary subject of a meeting and one of the last three should be included as the secondary subject.

[REDACTED]



**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** RE: CLC Meeting Follow-Up & Events  
**Date:** Monday, November 28, 2016 2:25:56 PM  
**Attachments:** [image001.png](#)

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My apologies – Please RSVP for the December 7<sup>th</sup> meeting by Sunday, December 4<sup>th</sup>.

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**From:** Becky Oehler  
**Sent:** Monday, November 28, 2016 1:59 PM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** CLC Meeting Follow-Up & Events

Good afternoon CLC Members and Alternates,

I'm emailing you today with a few follow-up items from the November 23 CLC meeting, as well as information about upcoming events. Since there are quite a few items, they are listed below for ease of reading.

Please let me know if you have any questions.

Warm Regards,  
Becky Oehler

-

## EVENTS

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- 1) **December 7, 2016:** CLC members and Alternates are invited to attend a CLC open agenda meeting at 6 pm at the Walker Environmental Office (160 Carnegie Street, Ingersoll). A turkey dinner will be served and there will be no set agenda.
  - **Please let us know if you will be attending (and dietary restrictions):**
    - Call: 1-855-392-5537 (toll free)
    - Email: [info@walkerea.com](mailto:info@walkerea.com)
  
- 2) **Carmeuse Site Tour:** Please let us know if you would like to attend a tour of the Carmeuse property.
  - Please identify the date(s) you're available: Saturday January 21 and/or Saturday January 28.
    - Online: <http://doodle.com/poll/s5bnfzxm8a2u6wda>
    - By phone: 1-855-293-5537 (toll free)
    - By email: [info@walkerea.com](mailto:info@walkerea.com)
  
- 3) **January CLC Meeting:** The next CLC meeting is scheduled for Wednesday, January 25, 2016 at 6 pm

-

## Nov. 23 Meeting Follow-Up

- 
- 4) **Technical Studies:** During the upcoming CLC meetings that will review the updates to the Technical Work Plans, Walker is willing to make technical experts available at the meeting for the work plans that the CLC is most interested in. We have received input from 3 CLC members so far that has identified top priority for: Ground water/Surface water, Human Health, Cumulative Effects, Social, Economic Noise/Air, Traffic.
    - Attached is a list of technical studies/experts.
    - Link to more information about Draft Technical Work Plans (Terms of Reference version) on our website: <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>
    - Please provide your input on the experts you would like to have at a CLC meeting (top 6) – email us [info@walkerea.com](mailto:info@walkerea.com) or call 1-855-392-5537 (toll free)
  - 5) **October 26 Meeting Transcript:** Due to miscommunication with the transcription company, there has been a delay in providing this transcript. It is almost complete and will be send out by Friday, December 2.
  - 6) **Climate Change Report Link:** As requested at the November 23 CLC meeting, link to climate change report by the Ministry of Natural Resources and Forestry that will be used for climate change assumptions by the experts carrying out the Technical Studies: [http://www.climateontario.ca/MNR\\_Publications/CCRR-44.pdf](http://www.climateontario.ca/MNR_Publications/CCRR-44.pdf) (link also included in meeting presentation)
  - 7) **Aggregates Resources Act License Maps:** As requested, Don MacLeod has provided two maps about the Aggregates Resources Act (ARA) Licenses on the Carmeuse Property (attached).

**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

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T: 905-680-3675  
C: 289-257-1680  
Toll free: 855-392-5537  
[www.walkerind.com](http://www.walkerind.com)



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A Walker Industries Company

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**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Members of the CLC requesting clarification  
**Date:** Monday, November 28, 2016 2:21:03 PM

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Hello [REDACTED]

I am happy to clarify and address your questions below.

We are taking the appropriate steps to satisfy Amendment #8 of the Minister's Notice of Approval for the SWLF EA. Specifically,

- We met with the JMCC's PRT EA Planning expert on June 30<sup>th</sup>, 2016 to review the comparative evaluation methodology as set out in Sect. 8.1 of the Approved Amended ToR.
- We consulted with the MOECC Project Officer on Sept. 22<sup>nd</sup>, 2016 to review and confirm the comparative evaluation methodology set out in Sec. 8.1 of the Approved Amended ToR.
- We have, and continue to consult with other Interested Parties and First Nations on the selection of the Preferred Alternative.

I believe that D. McLeod's comment at CLC #23 referred to a JMCC Peer Review of the results of the Alternative Methods (ie. Alternate Methods Interim Report that we will be issuing shortly).

I would be happy to provide a summary of the June 30<sup>th</sup> meeting at our next CLC.

With regard to "net effects", your outstanding questions should be addressed once we issue the Alternative Methods - Interim Report which includes a net effects analysis for alternatives that were subject to comparative analysis. If not, I'm happy to continue the conversation around "net effects".

I hope I was able to address your questions.

Warm regards,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, November 28, 2016 10:23 AM  
**To:** Darren Fry <DFry@walkerind.com>  
**Cc:** [REDACTED]  
**Subject:** Members of the CLC requesting clarification

Darren,

A few CLC members were discussing the question you raised about the work plans after the recent meeting and we want to bring something we noticed of concern to you for clarification.

**From:** [Becky Oehler](#)  
**To:** \_\_\_\_\_  
**Cc:** [Darren Fry](#); \_\_\_\_\_  
  
\_\_\_\_\_  
**Subject:** RE: Agenda Item for January 2017 Meeting  
**Date:** Friday, December 09, 2016 9:25:51 AM

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Hi \_\_\_\_\_

Thanks for your email and the recommendation for an item on the January meeting agenda.

We'll make time in the January agenda to discuss names in the transcript.

Happy holidays,  
Becky

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**From:** \_\_\_\_\_  
**Sent:** Thursday, December 08, 2016 3:43 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Cc:** Darren Fry <DFry@walkerind.com>; \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
**Subject:** Agenda Item for January 2017 Meeting

Becky

I would like to see the following added to the January Agenda, it should require little or no discussion.

I have mentioned that the Transcript would be easier to follow if names were included as opposed to just initials and \_\_\_\_\_ has echoed that on several occasions.

My suggestion is that the names of those in attendance be read into the record when the meeting is called to order and that the names and times involved be read into the record if someone is late or leaves before the time scheduled for the meeting to end.

This would cover all members including County, Municipal, UTRCA, WEG personnel, Technical Experts and any Ministry representatives.

How it would appear in the transcript should be the only thing that requires any discussion.

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: CLC and the Process  
**Date:** Tuesday, January 03, 2017 11:19:16 AM

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**From:** [REDACTED]  
**Sent:** Monday, January 02, 2017 3:35 PM

**To:** [REDACTED]

**Cc:** Darren Fry <DFry@walkerind.com>; [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

**Subject:** Re: CLC and the Process

[REDACTED]

I am sorry to see that you have resigned from the CLC. You have been a valuable resource and your queries and input have aided in keeping Walker and the MOECC accountable to the process. Your concern and knowledge of our community (in particular the quarry) is immeasurable.

I know that you have invested a tremendous amount of time and energy in preparing for each CLC meeting, along with supplying insights/comments/concerns and research that were used in the comments on the TOR.

As a fellow CLC member, I just want to say that your contribution has been appreciated and you will be deeply missed.

[REDACTED]

On Sat, Dec 31, 2016 at 9:06 PM, [REDACTED] wrote:

I have given careful consideration to where the CLC is going during the EA phase of the process, also the process itself, and I have reached some conclusions. I am deeply disappointed that individuals and the so-called opposition groups can't or won't make any decisions as to what the important issue is, they blindly complain about everything and WEG jumps on the nuisance issues and decides to put the landfill deep into the water table and then they pat themselves on the back for listening to the complainers. There are only

three issues that really matter, as [REDACTED] told us it is THE WATER, THE WATER, AND THE WATER. Taking a shotgun approach to the issues has driven the only important one right off of the table.

The current situation with the CLC has evolved into an academic exercise, this may be inevitable but I do not see it as viable method of achieving anything.

As I have demonstrated on many occasions I am not a committee type of person, because there are too many individual agendas also it does not allow for any meaningful leadership, and academic exercises are best left to the academics, professional or amature, which I am neither. It is impossible to confront a well organized, determined and motivated proponent who is driven by the prospect of huge profits, with a committee that does not have any structure, power or defined leadership.

Given my opinions I have no choice but to resign from the CLC, effective on the date of this email. I thank all of the Citizen, Municipal, County, UTRCA members of the CLC and Anneliese, who have given countless hours of honest effort on behalf of the general public and suggest to those few who have been more interested in personal agendas that have wasted so much valuable time, "get in the game and stop wasting time or quit".

Respectfully

[REDACTED]



# EA Documentation: Interim Report for Alternative Methods & Facility Characteristics Assumptions

Southwestern Landfill Environmental Assessment

January 3, 2017

Dear CLC members and alternates,

I hope you enjoyed a happy and healthy holiday season.

Walker Environmental has carried out the Alternative Methods evaluation phase of the Southwestern Landfill Environmental Assessment and has integrated the results into the Facility Characteristics Assumptions. Both documents are now available and are enclosed. Please feel free to contact us with any questions or comments about these documents. Time will be set aside in the January meeting agenda to discuss aspects of the facility characteristics we have not yet covered.

We're looking forward to the next CLC meeting, scheduled for **Wednesday, January 25, 2017 at 6:00 pm.**

### **Interim Report for Alternative Methods (Working Draft)**

This interim report has been prepared to document work undertaken to-date in relation to the first major stage in the EA, the assessment of alternatives, as set out in Section 8.1 of the *Approved Amended Terms of Reference*. The work was undertaken in consultation with interested members of the public, government agencies and Indigenous communities, and their input is reflected here. Subject to further input and revision, it is intended that the contents of this paper will eventually form a portion of the draft environmental assessment report for the project.

### **Facility Characteristics Assumptions**

This document is produced for the purposes of integrating key facility characteristics that describe, in conceptual terms, design and operations assumptions for the proposed Southwestern Landfill. These facility characteristics will provide a standardized set of assumptions for use by technical consultants for the purposes of finalizing work plans and conducting the technical studies/impact assessment.

Warm Regards,  
Becky Oehler  
Community Engagement Manager  
905-680-3675  
boehler@walkerind.com

**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: require an explanation of a term in facilities characteristics doc  
**Date:** Wednesday, January 04, 2017 11:06:23 AM

---

**From:** [REDACTED]  
**Sent:** Wednesday, January 04, 2017 9:49 AM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Cc:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>  
**Subject:** Re: require an explanation of a term in facilities characteristics doc

Hi Becky

Thank you for your explanation.  
This confirms what I previously understood approximately a 1:1 ratio of tonne to cubic meter.  
I just wasn't understanding the phrasing in the document.  
Sometimes technical jargon throws me off.  
I have it now

Thank you  
[REDACTED]

On Wed, Jan 4, 2017 at 9:15 AM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

My holiday was very relaxing, I hope yours was as well!

Thanks for the question, "in-place density" is the term used to describe the density of the waste once it has been put into the landfill and compacted. Once that has occurred, the density of waste averages about 1 metric tonne per cubic metre. The actual density of each cubic metre depends on the type of waste.

Please let me know if you have any other questions.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, January 03, 2017 4:30 PM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Fwd: require an explanation of a term in facilities characteristics doc

Hi



I hope you had a great holiday

I am just going over the facilities characteristics doc and I require an explanation of a term used on page 10

*"The site is estimated to receive waste for approximately 20 years, at the maximum rate of receipt and an in-place density of 1.0 tonnes/m<sup>3</sup> . Actual site life could vary based on actual annual waste receipts and densities".*

I don't understand what an **in-place density of 1.0 tonnes/m<sup>3</sup>** is. Could you please explain it for me?

Thanks



**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

---

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**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** RE: Southwestern Landfill EA - Interim Report for Alternative Methods and Facility Characteristics Assumptions  
**Date:** Thursday, January 05, 2017 11:47:16 AM

---

Good morning CLC members and alternates,

We mistakenly uploaded the Facility Characteristics Assumptions document on Tuesday without figures. The correct version with figures is now available at the same web address ([click here](#)).

Sorry for any inconvenience.

Thanks,  
Becky

---

**From:** Becky Oehler  
**Sent:** Tuesday, January 03, 2017 3:16 PM  
**To:** Info@walkerea.com  
**Subject:** Southwestern Landfill EA - Interim Report for Alternative Methods and Facility Characteristics Assumptions

Good CLC members and alternates,

I hope you enjoyed a happy and healthy holiday season.

Walker Environmental has carried out the Alternative Methods evaluation phase of the Southwestern Landfill Environmental Assessment and has integrated the results into the Facility Characteristics Assumptions. Both documents are now available on our website (links below). Please feel free to contact us with any questions or comments about these documents. Time will be set aside in the January meeting agenda to discuss aspects of the facility characteristics we have not yet covered. We're looking forward to the next CLC meeting, scheduled for **Wednesday, January 25, 2017 at 6:00 pm.**

#### **Interim Report for Alternative Methods (Working Draft)**

This interim report has been prepared to document work undertaken to-date in relation to the first major stage in the EA, the assessment of alternatives, as set out in Section 8.1 of the *Approved Amended Terms of Reference*. The work was undertaken in consultation with interested members of the public, government agencies and Indigenous communities, and their input is reflected here. Subject to further input and revision, it is intended that the contents of this paper will eventually form a portion of the draft environmental assessment report for the project. [Click here to view the Interim Report for Alternative Methods \(Working Draft\)](#)

-  
**Facility Characteristics Assumptions**

This document is produced for the purposes of integrating key facility characteristics that describe, in conceptual terms, design and operations assumptions for the proposed Southwestern Landfill. These facility characteristics will provide a standardized set of assumptions for use by technical consultants for the purposes of finalizing work plans and conducting the technical studies/impact assessment. [Click here to view the Facility Characteristics Assumptions document](#)

Warm Regards,  
Becky

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

---

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**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: a question about consultation  
**Date:** Tuesday, January 17, 2017 2:12:09 PM

---

Hi [REDACTED]

At our November CLC meeting, we did provide a verbal summary/update of the First Nations workshop that was held in November of last year. We have produced a summary of discussions document that we should be able to share with you once it has been approved by the group.

With regard to the JMCC Peer Review Team, we are continuing to have a conversation about an interim peer review of the Alt. Methods document. The current arrangement is that it would be peer reviewed at the Draft EA Report stage.

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, January 16, 2017 4:42 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** a question about consultation

Hi Darren

We discussed at a CLC meeting a while back about consultation on preferred alternatives with First Nations and Peer Review Team

Do we have any meeting notes or input received on those consultations?

Thank [REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: To be corrected/clarified or defined in Facilities Characteristics Assumptions Document  
**Date:** Tuesday, January 17, 2017 2:57:20 PM

---

Hi [REDACTED] and thanks for your questions pertaining to annual waste receipt limitations, approved total site volume and the use of daily and intermediate cover. I'm happy to address your questions and clarify a few things.

To address question #1 - I would first like to illustrate the difference between the total site volume and the annual waste receipt limitations as they are different.

The total site volume would be the total volume approved for waste disposal. In the case of the proposed SWLF, it is approximately 17.4 million cubic metres.

Many landfills in Ontario, although some do not, have annual waste receipt limitations. This is the total amount, typically measured by weight and in metric tonnes, of waste that can be received in a calendar year. In the case of the SWLF, the proposed annual waste receipt limitation to be studied in this EA is 850,000 tonnes/yr plus up to 250,000 tonnes/year of soils/materials suitable for daily and intermediate cover if they are sourced from the incoming waste stream. Therefore, the total combined annual waste receipt being proposed is 1,100,000 tonnes/yr.

Any material placed within the approved landfill is counted against the approved total site volume since it is effectively filling up airspace/volume. Therefore, any waste and daily or intermediate cover regardless of its designation as a waste or clean soil, will be counted against the approved total site volume as it will take air space/volume.

In the case of using clean soils (i.e. not classified as a waste) for daily or intermediate cover, our Facility Characteristics describe these materials as not required to be applied against the annual waste receipt limitations since they are not a waste and in fact landfill infrastructure (i.e. daily cover) required under the *Landfill Standards* and O. Reg. 232/98. However, the use of clean soils as daily or intermediate cover would in fact count against the approved total site volume as it would take up airspace/volume. This is consistent with the *Landfill Standards* and response you were provided from A. Evers of the MOECC.

I trust this clarifies your question.

-

To address question #2 – the Facility Characteristics are a initial assumptions used to guide the technical consultants in developing the final work plans and conducting the technical studies. The assumptions in the Facility Characteristics relating to annual waste receipt and total site volume are consistent with Sec. 5.2 of the Approved Amended ToR which states "the proposed waste quantities to be examined in the environmental assessment process are *up to* 850,000 tonnes per year of solid, non-hazardous waste generated in Ontario, *with an additional requirement* for daily cover material. The *estimated* total waste volume *is about* 17 million cubic metres over a planning horizon of *approximately* 20 years", my emphasis added. I should note in Sec. 5.2 of the ToR – Preliminary Description of the Undertaking the following statement "*the following description of the proposed undertaking is preliminary and will be refined, as necessary, as the EA planning process proceeds. The EA will include a detailed description of the undertaking.*"

If approved, the total site volume (e.g. 17.4 million cubic metres is being proposed) would govern

the total volume of waste that is permitted to be received at the site over the lifespan of the facility. The facility would not be permitted to receive 22 million cubic metres of waste as you note in your question.

There may be years when the site does not operate at its full annual waste receipt limit (i.e. initial and final years of operation). I trust this answers your question.

To address question #3 – although we do not see any need to make any material changes to the Facility Characteristics at this time, based on your input we will clarify the maximum amount of waste that is proposed to be received at the facility over the course of year. For greater clarity, we will add the following statement to the first bullet in Sec. 3.2.3 “Therefore, the total combined waste receipt may be up to 1,100,000 cubic metres per year.”

If you have any additional questions related to the above, I’m happy to discuss them with you.  
Regards,  
Darren

**From:** [REDACTED]

**Sent:** Thursday, January 05, 2017 4:39 PM

**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>; andrew.evers@ontario.ca

**Cc:** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

**Subject:** To be corrected/clarified or defined in Facilities Characteristics Assumptions Document

I am including Andrew Evers in this email the representative of the MOECC who provided information on this issue in answer to questions raised by the CLC.

In the Facilities Characteristics Assumptions Document for the Southwestern Landfill Proposal there is a statement that is not consistent with the Landfill Standards and information provided by Andrew Evers, that **MUST** be corrected.

### Section 3.2.3 Waste Disposal Rate

*Up to 850,000 tonnes per year of solid, non-hazardous waste plus daily and intermediate cover soils. Daily and intermediate cover soil requirements are expected to be up to 250,000 tonnes per year. (Page 10)*

Andrew Evers information:

*“If the daily cover material is considered waste (e.g. contaminated soil) then it should be included in the annual limit of 850,000 tonnes. **Unless the daily cover material is natural clean soil from on-site excavation, then it is not counted into the annual waste limit.** The waste reviewer will ensure that Walker has met the requirements of Ontario Regulation 232/98*

*Landfill Sites when reviewing the EA documentation”.*

[http://www.walkerea.com/uploads/699/Doc\\_636027233641674536.pdf](http://www.walkerea.com/uploads/699/Doc_636027233641674536.pdf)

1. According to the clarification provided by MOECC rep. Andrew Evers, anything that is NOT used from onsite (applicable waste materials approved for receipt at the landfill; clean soil from onsite excavations) **MUST** be included in the annual limit. How does Walker justify the statement, “*Alternative daily and intermediate cover materials that are not considered a waste, will/can be sourced from various Ontario suppliers and would not be included in annual capacity limitations set out by the site approvals*”?
2. Walker’s statement that the landfill would include 850,000 tonnes per year **AND** an expected 250,000 tonnes per year for cover would be 1.1 Million tonnes per year or 22 Million over 20 years. Yet Walker’s proposed 20 year capacity is approximately 17.4 million m3. (page 1 section 1.14 Capacity) These figures do not adhere to the Landfill Standards which states that total volume includes the volume of any daily or intermediate cover. This must to be corrected.
3. Will WEG make the needed corrections and repost/redistribute the corrected documents immediately to avoid misinforming and misleading all of the stakeholders?

Thank you



**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** RE: CLC Meeting 24 - January 25, 2017  
**Date:** Wednesday, January 18, 2017 11:37:53 AM

---

Good afternoon CLC members and alternates,

██████ was kind enough to let me know that the red line version of the Updated Traffic Technical Work Plan did not identify all of the changes.

We are happy to provide the red line document as requested by the CLC, and I have uploaded the correct version. The web link remains the same:

[http://www.walkerea.com/uploads/610/Doc\\_636199851091194699.pdf](http://www.walkerea.com/uploads/610/Doc_636199851091194699.pdf)

Also, please note that Appendix B has not been included in the updated draft Traffic and Visual Impact work plans. Appendix B for both documents will be made available prior to finalization of the work plans.

I apologize for any inconvenience and look forward to seeing you next Wednesday.

Warm regards,  
Becky

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**From:** Becky Oehler  
**Sent:** Saturday, January 14, 2017 11:29 AM  
**To:** Info@walkerea.com  
**Subject:** CLC Meeting 24 - January 25, 2017

Good Morning CLC members and alternates,

The materials are available for the upcoming CLC meeting on **Wednesday, January 25, 2017** at 6:00 pm (dinner will be available at 5:30 pm).

In general, this meeting will focus on the work plans for Traffic, Cumulative Effects, and Visual Impact. The documents related to the work plans are now available on the project website. I recommend accessing the materials through the webpage: <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>. You can also access them through the [documents section](#).

**A traffic consultant will attend the meeting to answer questions.**

-  
Meeting materials are as follows:

- 1) CLC Meeting 24 Agenda
- 2) [Updated Draft Traffic Technical Work Plan Summary](#)
- 3) [Updated Draft Visual Impacts Work Plan Summary](#)



- 4) [Draft Cumulative Effects Work Plan Summary](#)
- 5) [Updated Draft Traffic Impact Technical Work Plan](#) ([click here for red line version](#))
- 6) [Updated Draft Visual Impact Technical Work Plan](#) ([click here for red line version](#))
- 7) [Draft Cumulative Effects Work Plan](#)
- 8) Business Arising Report
- 9) CLC Meeting 23 Draft Summary– *please provide any comments by January 30, when it will be posted on walkerea.com*
- 10) Transcript for CLC Meeting 23 – November 23, 2016

**CLC Carmeuse Site Tour:**

If you have not yet reserved your seat for the upcoming CLC tour of the Beachville Carmeuse Site on **Saturday, January 28th, 2017 from 9:45 am - 12:30 pm**, please do so by Wednesday, January 25th by emailing [info@walkerea.com](mailto:info@walkerea.com) or by contacting Tanya at our office, 1-855-392-5537. A sign-up sheet will also be provided at the upcoming CLC Meeting on Wednesday, January 25th.

Please let me know if you have any questions in advance of our meeting on the 25<sup>th</sup>.

Have a great weekend,  
Becky

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

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Toll free: 855-392-5537  
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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Joe Tomaino](#)  
**Subject:** RE: I'm not finding this  
**Date:** Wednesday, January 18, 2017 10:59:58 AM

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Hi [REDACTED]

Thanks for letting me know. We don't have Appendix B done yet, but it will be attached prior to the finalization of the work plans. I will definitely send out a notice to the CLC when it's available.

Both the Traffic and Visual Impact work plans have been updated with a note identifying that Appendix B will be provided prior to finalization of the work plans. I'll send out an update shortly to the CLC.

Please let me know if you have any other questions or thoughts, they're always welcome.

Thanks and see you next week,  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, January 17, 2017 2:22 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** I'm not finding this

Hi Becky

Sorry to bother you. I have moved on to Visual Impacts and the updated version makes reference to Appendix B [A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B](#)

which I can't seem to locate Appendix B

I apologize if I misread this and the info is included

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: Questions on Facility Characteristics Document  
**Date:** Monday, January 23, 2017 4:01:21 PM  
**Attachments:** [REDACTED] [Questions on Facilities Characteristics 23.jan.17.pdf](#)

---

Hi [REDACTED]

Please see our responses on the attached. If you have any further questions, feel free to let me know. Also, if you like – we can prepare copies of these responses as well as copies of responses to your prior email and provide them to the CLC. If there are any specific issues you would like raised, we can discuss them at the CLC.

See you Wednesday.  
Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Tuesday, January 10, 2017 3:15 PM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>  
**Subject:** Questions on Facility Characteristics Document

Hi Darren

I have come up with some questions (attached) on facilities Characteristics document that I am hoping you can answer for me.

Thank you  
[REDACTED]

**From:** [Darren Fry](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Fw: Questions on Facility Characteristics Document  
**Date:** Monday, January 23, 2017 4:49:26 PM

---

Darren

---

**From:** [REDACTED]  
**Sent:** Monday, January 23, 2017 4:37 PM  
**To:** Darren Fry  
**Cc:** Becky Oehler  
**Subject:** Re: Questions on Facility Characteristics Document

---

Thank you for this...I will read them through  
I think it would be beneficial to have both sets of questions and answers printed available for members of the CLC, they may have similar concerns

Thank you

On Mon, Jan 23, 2017 at 4:01 PM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:

Hi [REDACTED]

Please see our responses on the attached. If you have any further questions, feel free to let me know. Also, if you like – we can prepare copies of these responses as well as copies of responses to your prior email and provide them to the CLC. If there are any specific issues you would like raised, we can discuss them at the CLC.

See you Wednesday.

Regards,

Darren

**From:** [REDACTED]  
**Sent:** Tuesday, January 10, 2017 3:15 PM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Questions on Facility Characteristics Document

Hi Darren

I have come up with some questions (attached) on facilities Characteristics document that I am hoping you can answer for me.

Thank you



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

---

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## Questions on Facilities Characteristics document

Responses prepared by Walker Environmental in green below on Jan. 23, 2017.

### Page 2 Site development stages

- Stage 1 will begin in the northwestern corner of the site and progress in a southerly direction. The capacity of Stage 1 is approximately 4,350,000 m<sup>3</sup> and will last about 5 years at maximum filling rates.
- Stage 2 is in the northeastern corner of the site and progress in a southerly direction. The capacity of Stage 2 is approximately 4,350,000 m<sup>3</sup> and will last about 5 years at maximum filling rates.
- Stage 3 is in the southwestertern portion of the site. It will begin at the southern limit of Stage 1 and progress in a southerly direction. The capacity of Stage 3 is approximately 4,350,000 m<sup>3</sup> and will last about 5 years at maximum filling rates.
- Stage 4 is in the southeastern portion of the site. It will begin at the southern limit of Stage 2 and progress in a southerly direction. The capacity of Stage 4 is approximately 4,350,000 m<sup>3</sup> and will last about 5 years at maximum filling rates.

**Question:** The amount of 4,350,000m<sup>3</sup> over 5 years works out to 870,000m<sup>3</sup> per year. The proposal is for 850,000 m<sup>3</sup> per year. Given the explanation from Andrew Evers that *“If the daily cover material is considered waste (e.g. contaminated soil) then it should be included in the annual limit of 850,000 tonnes”* can you please explain the discrepancy between the two figures?

### Walker Response

The Facility Characteristics Assumptions are provided to the technical consultants as a set of assumptions for use to develop the work plans and conduct the technical studies. All values are approximate, as noted, and describe in conceptual terms the design and operating assumptions for the proposed undertaking. The proposed total site volume is 17.4 cubic metres. It is further noted that the assumptions are subject to ongoing refinement as specified in the Facility Characteristics Assumptions.

### Page 3 Haul Route & Site Entrance

Secondary haul routes for any local deliveries will follow the most appropriate County roads.

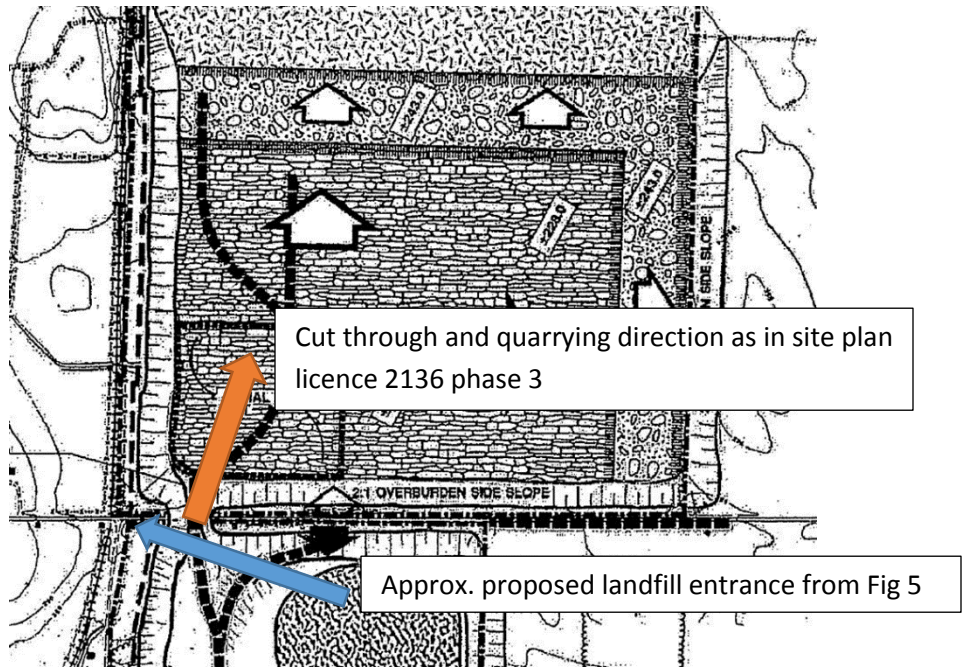
**Question:** Will these haul routes be identified and enforced?

### Walker Response

Secondary haul routes are not required to be identified during this EA as any local road, which permits truck traffic, could be used for local deliveries. Walker does not have jurisdiction nor authority to enforce traffic on public roads.

The site entrance will be located in the northwestern corner of the site (Figure 5).

**Question:** PPS 2.5.2.4 *“Mineral aggregate operations shall be protected from development and activities that would preclude or hinder their expansion.”* The Northwest corner that is selected as a practical site for the entrance would preclude the expansion according to the site plan for licence 2136 phase 3. The most recent site plan dated April 2015 indicates that the initial cut for phase 3 would go through the northwest wall and the quarrying would begin in a south to north direction. How do you explain this conflict? Given that a site plan amendment is required for changing direction of quarrying, how can Walker begin studies based on the preferred location of internal roads and site entrance?



**Walker Response**

Based on current quarry operations, which include the placement of overburden to existing grade in the northwest corner of the existing quarry (Phase 2) and the existing initial quarry cut into Phase 3, Walker does not see any conflict with its proposed landfill entrance at this time. The figure you have provided above is obtained from the Carmeuse Site Plans - Operational Plan 3 of 5 which includes the following note *“The site consists of three main phases. The sequence of phases is generally south to north. The areas and sequences shown on this plan are schematic and intended to show the general direction and phasing of operations on the site.”*

**Page 3 Buildings, Structures and Supporting Infrastructure**

**Question:** Will ancillary installations require a Building Permit and Inspection from Zorra Township and or any Approvals from Oxford County?

**Walker Response**

It is likely that some structures required as supporting infrastructure will require a building permit and/or other permits through the local municipality (e.g. weigh scalehouse, landfill gas control building).

The primary internal access road will be constructed and originates at the landfill site entrance and will be located to provide access to the weigh scales located in the northwestern corner of the site (Figure 6).

**Question: The statement above includes “weigh scales”, plural, how many scales would be included in the operation?**

**Walker Response**

It is assumed at this time that two scale decks would be sufficient and placed in a similar arrangement used at our South Landfill.

**Page 4 Quarry Floor**

During the construction of the landfill, storm water and groundwater seepage on the undeveloped portions of the existing quarry floor (i.e., where no liner construction or waste placement activities have yet occurred) will be segregated from the active landfill areas using berms, ditches and sumps. This water will be managed through the existing approved quarry groundwater control system.

**Question: How is the amount of seepage from landfill vs quarrying activities determined? “Any operation (including landfills) that requires the removal of more than 50,000 l/d of groundwater requires a Permit to Take Water.” (J Lyng January 2013 from email 8.2) How will individual responsibility be resolved?**

**Walker Response**

For clarity, it is not expected that seepage from the landfill would occur as you note above. This section of the FC provides assumptions for how naturally occurring groundwater and stormwater will be managed on the undeveloped areas around the landfill. For the purposes of finalizing the work plans and conducting the technical studies, it assumed that the existing groundwater management/dewatering system used by the quarry operator will be used. Walker will obtain appropriate approvals in accordance with applicable regulations (e.g. O. Reg 378/04).

**Page 4 Perimeter Areas and Final Cover**

Storm water in the perimeter areas of the landfill, including the buffer areas, will be directed via perimeter ditching to the storm water management area (Figure 7) for sediment removal and monitoring, followed by discharge to the Thames River.



**Question: Figure 7 indicates that Walker will be using the same path as Carmeuse re: path to Thames River. How will the two be differentiated?**

**Walker Response**

Walker is not proposing to share any approved water management infrastructure with Carmeuse at this time. Figure 7 of the Facility Characteristics Assumptions illustrates the initial concepts of stormwater management for the proposed facility. These assumptions are used to develop the work plans and conduct the technical studies. As noted, the assumptions provided in the document are subject to further refinement during the course of the EA and should not be considered final at this time.

**Page 5 Final Cover**

Materials used for final cover will be sourced onsite.

**Question: Will enough materials be found on-site or from Carmeuse quarrying? If not, and given that the potential rehab is agriculture, (Potential end uses assumed for the purposes of the environmental assessment studies include passive green space and agriculture Page 13), what is the procedure for screening any outside materials being brought in?**

**Walker Response**

Given the existing quarry operation on Carmeuse owned property, Walker is confident that there is a sufficient amount of soil available that is suitable for final cover. If any soil is required to be imported, it must meet the requirements of the *Landfill Standards*.

**Page 6 Leachate Management**

The leachate generation rate is estimated at approximately 124,000 m<sup>3</sup>/yr., or an average of about 340 m<sup>3</sup>/day, at full build-out, based on leachate production estimates prepared for Walker Environmental's similarly sized South Landfill

**Question: From the footnote, this information was taken from the Proposed Walker South Landfill Design and Operations Report before the landfill was built. Given that the landfill has been in operation for years, why was actual operational data not used?**

**Walker Response**

As noted in the Facility Characteristics Assumptions, leachate production peaks once the landfill is fully built-out (i.e. all cells have been constructed). The South Landfill has not yet been fully built-out, therefore actual peak leachate production rates are not yet available.

### Page 7 Leachate Treatment

Onsite uses for treated water (e.g., road watering for dust control) will be considered to minimize the need for using existing groundwater and surface water resources

**Question: Are there different standards for treated water to be used as dust control vs. standards for discharge into a waterbody ie. Thames River?**

#### Walker Response

At this time, we do not believe there are different standards. This aspect is not assessed during the EA however it would be assessed later under separate approvals (e.g. EPA).

### Page 7 Gas Quantities

The peak landfill gas generation rate is estimated at up to about 20,000 m<sup>3</sup>/hour, based on Walker Environmental's similarly-sized South Landfill

**Question: From the footnote, this information was taken from the Proposed Walker South Landfill Design and Operations Report before the landfill was built. Given that the landfill has been in operation for years, why was actual operational data not used?**

#### Walker Response

As noted in the Facility Characteristics Assumptions, the landfill gas production is expected to peak a few years after the landfill is closed. The South Landfill has not yet been fully built-out and closed, therefore actual landfill gas production rates are not yet available.

### Page 10 Waste Disposal Rate

Up to 850,000 tonnes per year of solid, non-hazardous waste plus daily and intermediate cover soils. Daily and intermediated cover soil requirements are expected to be up to 250,000 tonnes per year.

**Question: Please clarify the discrepancy between this statement and one provided from MOECC by Andrew Evers; *"If the daily cover material is considered waste (e.g. contaminated soil) then it should be included in the annual limit of 850,000 tonnes. Unless the daily cover material is natural clean soil from on-site excavation, then it is not counted into the annual waste limit. The waste reviewer will ensure that Walker has met the requirements of Ontario Regulation 232/98 Landfill Sites when reviewing the EA documentation"* and the Landfill Standards which states that total volume includes the volume of any daily or intermediate cover.**

#### Walker Response

As stated in the Approved Amended ToR, “the proposed waste quantities to be examined in the environmental assessment are up to 850,000 tonnes per year of solid, non-hazardous waste generated in Ontario, with an additional requirement for daily cover material”. As noted in the Facility Characteristics document, “the estimated requirements for daily and intermediate cover are to be up to 250,000 tonnes per year. Daily and intermediate cover materials will be selected from applicable waste materials approved for receipt at the landfill”. Therefore, the total combined annual waste disposal receipt being examined in this EA is 1,100,000 tonnes per year which is consistent with the Approved Amended ToR.

#### Page 11 Traffic Volumes

**Question: The estimated traffic volumes of 178 per day are considerably higher than the previously stated 100 per day. Is this now the number that studies will be based on?**

#### Walker Response

During the development of the ToR, an estimate was provided of approximately 100 inbound truck trips per day that would be required to import waste materials. As the EA progresses, additional detail on the proposed undertaking is developed. For the respective studies (e.g. traffic), we have provided a refined estimate of all traffic associated with facility which includes employees, miscellaneous deliveries, etc. The waste component of the truck traffic is estimated at 151 inbound trips as noted in Sec. 3.3 of the Facility Characteristics Assumptions.

#### Page 11 Hours of Operations

Daily site preparation and closure activities may occur for up to one hour before and two hours after these times.

**Question: Will there be a cut off time for trucks being received in the event of road delays, truck breakdowns etc?**

#### Walker Response

The waste receiving hours are set out in the site approvals, specifically the Environmental Compliance Approval (ECA). The ECA will regulate when waste trucks can enter the site regardless of road conditions, truck breakdowns, etc. Therefore, if the approved waste receiving hours end at 5 pm on weekdays, trucks importing waste will not be permitted entry onto the site after 5 pm.

#### Page 12 Daily & Intermediate Cover

Suitable solid, non-hazardous wastes (e.g. wood chips, soil, sand, fill materials) will be segregated from the incoming waste streams for use as daily cover, otherwise suitable soil obtained from the adjacent quarry operations will be used. Alternative daily cover may also be used.

**Question: Given that acceptable fill materials could contain contaminated non-hazardous soils, will these soils be stored on top of an area that has a full liner system for protection of the underlying soil?**

**Walker Response**

If the material is deemed a waste pursuant to O. Reg. 347 and meets the requirement of cover soil, it can be stockpiled within the approved waste fill area where landfill liner has been constructed and approved for waste receipt. Waste cannot be stockpiled outside of the waste fill area or in areas where the landfill liner has not yet been constructed and approved for waste receipt.

**Page 13 Personnel Requirements**

Various subcontracted personnel as required for construction, operation, daily / intermediate cover supply and application, closure, and maintenance activities.

**Question: Are the vehicles required to transport these personnel included in the estimate of traffic?**

**Walker Response**

Yes.

**From:** [Darren Fry](#)  
**To:** [Becky Oehler](#); [REDACTED]  
**Subject:** Re: Reinstatement Request to the CLC.  
**Date:** Friday, January 27, 2017 9:42:54 AM

---

Thanks [REDACTED] We'll respond to your request early next week. If you are interested/available in attending the Carmeuse site tour this Sat, let us know if you already haven't.

Have a good weekend.

Darren

---

**From:** Becky Oehler  
**Sent:** Friday, January 27, 2017 9:30 AM  
**To:** [REDACTED]; Darren Fry  
**Subject:** FW: Reinstatement Request to the CLC.

---

Hi [REDACTED]

Thanks for your email, it's been passed along to Darren. Darren's email is [dfry@walkerind.com](mailto:dfry@walkerind.com) if you're looking for it in the future.

Thanks,  
Becky

---

**From:** [REDACTED]  
**Sent:** Thursday, January 26, 2017 6:07 PM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Re: Reinstatement Request to the CLC.

Hello Becky.

As per our conversation with Darren Fry at last night's meeting, please pass this on to Darren as I don't have his email address.

Thanks

Hello Darren.

In light of [REDACTED] resignation from the committee I would request that I be reinstated as a committee member. I was a member of the CLC since the beginning until [REDACTED] took over my position on the committee and I became [REDACTED].

Thanks for your consideration.

[REDACTED]  
[REDACTED]

**From:** [Becky Oehler](#)  
**To:** [REDACTED] [Darren Fry](#)  
**Subject:** RE: my questions re: updated traffic and visual  
**Date:** Friday, January 27, 2017 9:32:54 AM

---

Hi [REDACTED]

Thanks for sending your questions and for your participation in the meeting on Wednesday.

I can't remember if you said you needed a ride on Saturday – would you like me to pick you up around 9:40 am? I can drop you off after as well.

See you on Saturday,  
Becky

**From:** [REDACTED]  
**Sent:** Wednesday, January 25, 2017 8:11 PM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>  
**Subject:** my questions re: updated traffic and visual

Here are my questions on both the updated traffic and visual plans

Carl mentioned receiving a copy of traffic one so I will leave that to you

[REDACTED]

**From:** [Becky Oehler](mailto:Becky.Oehler@walkerind.com)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** FW: Meeting with MTO regarding Foldens Line/401 corridor  
**Date:** Friday, January 27, 2017 3:36:26 PM

---

**From:** CAO [<mailto:cao@swox.org>]  
**Sent:** Friday, January 27, 2017 2:57 PM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Cc:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Joe Tomaino <[JTomaino@walkerind.com](mailto:JTomaino@walkerind.com)>  
**Subject:** RE: Meeting with MTO regarding Foldens Line/401 corridor

Thanks very much Becky.

Have a great weekend.

Mary Ellen

---

**From:** Becky Oehler [<mailto:BOehler@walkerind.com>]  
**Sent:** January 27, 2017 10:06 AM  
**To:** CAO  
**Cc:** Darren Fry; Joe Tomaino  
**Subject:** RE: Meeting with MTO regarding Foldens Line/401 corridor

Hi Mary Ellen,

Walker will be meeting with the MTO specifically to discuss the interchange of the 401 and County Road 6 and how it is part of the proposed haul route. In particular, the interchange that shares the off-ramp from the service centre and exit to County Road 6. The meeting hasn't been scheduled yet but will be before the work plans are finalized.

This is the text pulled from the Traffic Work Plan for reference:

***“The study area of the traffic assessment will include the County Road 6 (Foldens Line)/Highway 401 interchange. A meeting with MTO is proposed to convey and discuss public concerns regarding 401 operations between the County Road 6 interchange and the rest stop to the east of the interchange.”***

If you have any other questions, please let me know.

Have a great weekend!

Becky

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

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**From:** CAO [<mailto:cao@swox.org>]  
**Sent:** Thursday, January 26, 2017 9:58 AM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Meeting with MTO regarding Foldens Line/401 corridor

Hi Becky:  
Hope you are having a great morning.

Last evening it was mentioned that Walker would be meeting with MTO regarding Foldens Line/401 corridor (re traffic study)

Can you review what was discussed...short memory.



Mary Ellen Greb  
Chief Administrative Officer  
312915 Dereham Line, Mount Elgin, ON N0J 1N0  
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C: 519-532-2918 | [www.swox.org](http://www.swox.org)

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**From:** [Becky Oehler](#)  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Subject:** RE: CLC Meeting 24 - January 25, 2017  
**Date:** Friday, January 27, 2017 5:11:54 PM

---

Hi [REDACTED]

Thanks for sending me your question, it's added to the business arising report.

We'll get a copy of the climate change document to you next week.

Thanks and have a great weekend!

Becky

---

**From:** [REDACTED]  
**Sent:** Friday, January 27, 2017 4:25 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** Re: CLC Meeting 24 - January 25, 2017

Hello Becky,

My questions for Darren, from the last CLC meeting, is "Will any thing, as a result of the construction, operation or decommissioning, of the proposed dump, end up in the large lake located in what has been labeled as alternative 4 (former Southwest quarry and stone plant)?"

In addition, may I please have a hard copy of the Ministry document regarding climate change that has been referred to in some of our meetings.

Thank you.

Sincerely,  
[REDACTED]

February 2, 2017

██████████  
██████████  
████████████████████

Dear ██████

Further to our conversation last week and your email dated January 27, 2017, Walker understands that you are interested in reinstating your role as a CLC member for the Southwestern Landfill EA. A vacant spot recently became available on the Community Liaison Committee (CLC) in which Walker is seeking to fill.

Having formerly held the role of a CLC member in the past and with your continued involvement as a CLC alternate, your knowledge of the proposal and the EA process is valued. We are pleased to offer you a role as a CLC member and look forward to your continued participation.

The CLC provides a forum for the two-way exchange of information between Walker and community members around many aspects of the EA, including:

- Providing Walker and its consultants an understanding of the characteristics of the site and local community.
- Providing community members an opportunity to voice community interests, goals and aspirations, and social and economic development objectives.
- Helping to identify potential impacts, issues, concerns and opportunities that are important to the local community.
- Providing suggestions on mitigation or improvement.
- Providing suggestions on public consultation efforts necessary to enhance community participation.

A copy of the CLC Charter is attached. Please take some time to review prior to the next CLC meeting as each member is asked to comply with the Charter.

We look forward to having you back on the CLC as a full member, recognizing your valuable local insight.

Sincerely,



Darren Fry  
Project Director, Southwestern Landfill

**From:** [Becky Oehler](#)  
**To:** [Darren Fry](#)  
**Cc:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Fw: CLC Membership Acceptance  
**Date:** Thursday, February 02, 2017 12:44:52 PM

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**From:** [REDACTED]  
**Sent:** Thursday, February 2, 2017 11:07 AM  
**To:** Becky Oehler  
**Subject:** Re: CLC Membership Acceptance

---

Thanks. Happy to be back.

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Becky Oehler  
**Sent:** Thursday, February 2, 2017 10:32 AM  
**To:** [REDACTED]  
**Cc:** Darren Fry; Laurie Bruce; 'Anneliese Grieve'  
**Subject:** CLC Membership Acceptance

---

Good morning [REDACTED]

I'm happy to let you know that Walker has accepted your application to once again become a member of the Community Liaison Committee. Please find an acceptance letter and CLC Charter attached.

Please let us know if you would like to name an Alternate who may attend if you are absent.

Thanks for your continued interest in participating in the Southwestern Landfill Environmental Assessment, and for contributing your unique perspective as a community member.

Warm Regards,  
Becky

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

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**From:** [Becky Oehler](#)  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** February 22, 2017 CLC Meeting - Materials  
**Date:** Monday, February 13, 2017 5:54:46 PM  
**Attachments:** [01 - Agenda - CLC Meeting 25.pdf](#)  
[05 - Business Arising Report - Meeting 25.pdf](#)  
[CLC Meeting 24 Summary draft.pdf](#)

---

Good afternoon CLC members and alternates,

Please find attached the materials for the upcoming CLC meeting on **Wednesday, February 22, 2017** at 6:00 pm (dinner will be available at 5:30 pm). I apologize for the delay in sending the materials, I was quite sick last week.

The meeting will focus on the work plans for Groundwater & Surface Water, Ecology, and Cultural Heritage.

The documents related to the work plans are now available on the project website. I recommend accessing the materials through the webpage: <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>. You can also access them through the [documents section](#).

**The Groundwater & Surface Water consultant will be available to answer questions.**

**Meeting materials are as follows:**

- 1) CLC Meeting 25 Agenda (attached)
- 2) [Summary of Updated Draft Groundwater & Surface Water Work Plan](#)
- 3) [Summary of Updated Draft Ecology Work Plan](#)
- 4) [Summary of Draft Cultural Heritage Work Plan](#)
- 5) Updated Draft Groundwater & Surface Water Technical Work Plan ([click here for red line version](#))
- 6) Updated Draft Ecology Technical Work Plan ([click here for red line version](#))
- 7) Updated Draft Cultural Heritage Technical Work Plan ([click here for red line version](#))
- 8) Business Arising Report (attached)
- 9) CLC Meeting 24 Draft Summary (attached) – *please provide any comments by February 28, 2017 when it will be posted on walkerea.com*

The transcript for CLC meeting 24 (January 25, 2017) is not yet available. It will be distributed as soon as possible.

Please let me know if you have any questions in advance of our meeting on the 22<sup>nd</sup>.

Best wishes,

Becky

---

**From:** Becky Oehler [mailto:BOehler@walkerind.com]  
**Sent:** February 16, 2017 10:04 AM  
**To:** [REDACTED]  
**Cc:** Darren Fry <DFry@walkerind.com>; Katrina Kroeze <kkroeze@transfertconsult.ca>  
**Subject:** RE: Correction for meeting summary

Hi [REDACTED]

Thanks for letting us know, an edit will be made to the summary before it's posted online.

See you next Wednesday,  
Becky

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

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**From:** [REDACTED]  
**Sent:** Wednesday, February 15, 2017 9:11 AM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Subject:** Correction for meeting summary

On page 1 Agenda Item #4

Could you please include the input that all bus routes will be evaluated

This was something that I mentioned as a concern and heard from many people at the open house and would like for them to be able to see that their concerns were included.

Thanks

[REDACTED]

**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** RE: Walker Niagara Campus Tour  
**Date:** Thursday, February 16, 2017 10:31:07 AM

---

[REDACTED]

The best time to see the multiple phases of liner construction (ie. attenuation, secondary/primary and leachate collection systems) would be September-“ish”. However, if you wanted to go down sooner to help better understand things, we’re happy to try and schedule something – we could go again or do a bus tour in Sept. I’ll let you make the call.

Can chat more on Wednesday.  
Darren

**From:** [REDACTED]  
**Sent:** Thursday, February 16, 2017 10:27 AM  
**To:** Darren Fry <DFry@walkerind.com>  
**Cc:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** Re: Walker Niagara Campus Tour

Hi Darren

Thank you for the reminder and the offer.

I thought we discussed going in possibly June or even September? so I could get a better idea of the phases of the liner/cells etc. You would know better when the work at Thorold would give me the best perspective on this. So if you have suggestions on when an optimum time would be I am most open to it. I don't mind waiting if it means getting a better idea of how things work.

I am still very interested in going and seeing this first hand as it helps me understand more if I can actually see things.

Thanks  
[REDACTED]

On Thu, Feb 16, 2017 at 10:09 AM, Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:

Hi [REDACTED]

I just wanted to follow up on the commitment I made to see if we can arrange to get you down to Niagara for campus tour. I’ve spoken to Derrick Crane (Beachville resident) who travels to Niagara quite regularly and if we can get our schedules to align, he would be happy to drive you to Niagara and back as part of his commute. I’m typically in Niagara on Mondays and Fridays.

Let me know, thanks.

Darren

**Darren Fry**, A.Sc.T

Project Director- Southwestern Landfill

Strategic Growth

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**From:** [Darren Fry](#)  
**To:** [REDACTED]  
**Cc:** [Becky Oehler](#)  
**Subject:** South Landfill 2015 Annual Monitoring Report  
**Date:** Thursday, February 16, 2017 10:16:30 AM

---

Hi [REDACTED]

Sorry it's taken a little while to get this to you (I figured we had some extra's copies that I wanted to track down to avoid the effort and paper waste of making a full new copy). I've found an original copy.

It's here at our Ingersoll office if you want to pick it up. Alternatively, we could arrange to drop it off at your house.

Talk soon,  
Darren




COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

CLC Meeting: Feb 22, 2017

PAGE/ SECTION	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 1	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B	Appendix B includes comments and responses from MOECC, UTRCA, JMPRCC and WEG. This does not include comments on work plan received from CLC, interested persons or community groups. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code.
Page 3	Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.	Please explain referring to the criteria and indicators as <b>APPROVED?</b> Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
Page 3	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	There is insufficient information on how this will be addressed <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 5 DURATIONS	Post closure: The time after the site is closed to waste receipt. Activities are normally limited to operation of control systems, routine property maintenance and monitoring, and thus have a more limited range of potential effects.	As leachate generation with elevated concentrations of parameters and landfill gas generation can occur for a significant time past the regulatory post-closure period; the duration of the post-closure period should specify the "contaminating lifespan" of the proposed undertaking as required by Ontario Regulation 232/98: Landfill Standards.
Page 7 STUDY AREAS		Concerns raised by community members included the potential for water contamination in culverts and agricultural drains along the haul route from increased truck traffic (Some air pollutants and particulate matter from cars can be deposited on soil and surface waters. Studies show that concentrations of heavy metals are higher near heavily travelled roads; heavy metals bio-accumulate in the food chain and can become toxic to humans). Please indicate where in your Criteria chart and associated study areas this will be addressed

<p>Page 10 INDICATORS &amp; MEASURES</p>		<p>The work plan has not provided indicators and measures but has instead provided links to relevant guidance documents. At this point in the process there needs to be more substantive information (indicators and measures). <i>“The groundwater/surface water assessment work plan proposes indicators/measures which are mostly acts, regulations or guidelines. By themselves these are too generic.”</i>- Scott Abernethy Ministry TRT</p> <ul style="list-style-type: none"> <li>• Should provide a list of the actual indicators that will be used to measure assessment criteria</li> <li>• What information will be input and output from the modelling</li> <li>• Include a preliminary list of specific parameters that will be measured</li> <li>• What contaminants are being assessed and how</li> <li>• How will criteria be compared and weighted?</li> </ul> <p>Include - Water Quantity Risk Assessment (Tier 3 Water Budget), March 2014 as per UTRCA recommendation</p>
<p>Page 14 CLIMATE CHANGE ASSUMPTIONS</p>	<p>The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant</p>	<p>Storm frequency and severity will trigger a change in capacity to manage storm water. Include your climate change assumptions with regard to frequency and severity? How do these assumptions compare to those used by UTRCA?</p>
<p>Page 15 BACKGROUND DATA COLLECTION – GROUNDWATER</p>	<p>Key groundwater-related features identified by the community (e.g. the Community Liaison Committee tour, and other public inputs and comments).</p>	<p>Given that results of public inputs have never been posted</p> <ul style="list-style-type: none"> <li>• Include comprehensive list of features identified</li> <li>• What methods will be utilized to allow additional input once the list is presented?</li> </ul>

<p>Page 15 BACKGROUND DATA COLLECTION- SURFACE WATER</p>	<p>Key surface water related features identified by the community (e.g. the Community Liaison Committee tour, and other public inputs and comments)</p>	<p>Given that results of public inputs have never been posted</p> <ul style="list-style-type: none"> <li>• Include comprehensive list of features identified</li> <li>• What methods will be utilized to allow additional input once the list is presented?</li> </ul>
	<p>Flood Regulation mapping and supporting hydraulic/hydrologic models for the Thames River, available from the UTRCA.</p>	<p>Include flood protection / zones on area for proposed road on Carmeuse property as indicated with black dots on picture below</p> 
<p>Page 16 GROUNDWATER FIELD DATA COLLECTION</p>	<p>...numbers and locations of sampling points and the analytical parameters will be determined based on the results of the review of available background information and information on the proposed design alternatives for the landfill</p>	<p>Include the parameters for siting those points</p>
	<p>Drill boreholes in the bedrock and overburden at representative locations on the Site to characterise site geological and hydrogeological conditions, including potential surface water and groundwater interactions;</p>	<p>Include how siting of boreholes will be determined</p>

COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

CLC Meeting: Feb 22, 2017

<p>Page 17 SURFACE WATER FIELD DATA COLLECTION</p>	<p>A preliminary Site reconnaissance will be conducted by Golder staff (hydrologists/water resources engineers) to delineate the On-Site site and Site Vicinity drainage networks, watersheds and sub-watersheds and confirm the information from available sources.</p>	<p>Include Haul Route (see comment Study Areas Page 7 above)</p>
	<p>An inventory of surface water uses will be assembled using municipal, conservation authority and MOE records (e.g., Permits to Take Water), supplemented by field inspection of surface water uses at key receptor points.</p>	<p>Include how these receptors point will be determined</p>
<p>Page 19 DATA ANALYSIS – GROUNDWATER</p>	<p>Based on the proposed conceptual design and the results of predictive modelling of landfill performance that incorporates any in-design mitigation measures, an evaluation of the potential hydrogeological effects will be completed.</p>	<ul style="list-style-type: none"> <li>• It should be made clear that the assessment will take into account both direct and indirect effects</li> <li>• Expand to better explain how advantages and disadvantages will be evaluated</li> <li>• Include how mitigation measures will be identified.</li> </ul>
<p>Page 20 MODELLING</p>	<p>An estimate of the quality and quantity of any discharges from the landfill and/or the leachate treatment system will be provided for the purposes of the EA. Based on the conceptual design document, future surface water runoff and peak flows and quality conditions associated with the proposed landfill will be predicted and assessed (utilizing</p>	<p>re: Climate Change - The ECA for discharge into a waterbody is based on receiving water. Given that Climate Change can produce low water levels, which would result in an overloading of effluent components into the receiving water; please include how this will be assessed/identified.</p>

COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

CLC Meeting: Feb 22, 2017

	<p>the hydrological computer model). These predictions will be compared to existing conditions and changes and potential adverse effects (i.e., on flooding, erosion and water quality) on downstream water courses will be identified.</p>	
<p>Page 21 EFFECTS ASSESSMENT</p>	<p>Finally, the prediction of the effects of future environmental conditions on Surface Water, considering all mitigation measures, will take place. The remaining effects or 'net effects', if any, will be documented. The outcome of this step will be presented in tables documenting the <u>net effects</u> for each environmental component.</p>	<ul style="list-style-type: none"> <li>• Expanded to better explain how net effects on the environment will be measured</li> <li>• Include how mitigation measures will be identified.</li> </ul>

## **RE: Question from the Walker CLC Feb 22- Carmeuse Orders**

Becky Oehler

**Sent:** Wednesday, March 01, 2017 10:34 AM

**To:** Kuisma, Emilia (MOECC) [Emilia.Kuisma@ontario.ca]

**Cc:** Wrigley, Rob (MOECC) [Rob.Wrigley@ontario.ca]; Crompton, Dan (MOECC) [Dan.Crompton@ontario.ca]; Slivar, Bob (MOECC) [Bob.Slivar@ontario.ca]

Hi Emilia,

Thanks for your email, we will provide this information to the Community Liaison Committee in the business arising report that will be sent with the materials for the next meeting.

Thanks,  
Becky

---

**From:** Kuisma, Emilia (MOECC) [mailto:Emilia.Kuisma@ontario.ca]

**Sent:** Wednesday, March 01, 2017 9:48 AM

**To:** Becky Oehler <BOehler@walkerind.com>

**Cc:** Kuisma, Emilia (MOECC) <Emilia.Kuisma@ontario.ca>; Wrigley, Rob (MOECC) <Rob.Wrigley@ontario.ca>; Crompton, Dan (MOECC) <Dan.Crompton@ontario.ca>; Slivar, Bob (MOECC) <Bob.Slivar@ontario.ca>

**Subject:** Question from the Walker CLC Feb 22- Carmeuse Orders

Good morning Becky,

Further to the question raised at the CLC meeting on February 22, 2017 regarding any outstanding ministry orders with Carmeuse, I can provide the below for confirmation.

*The London District Office of the Ministry of the Environment and Climate Change currently does not have any outstanding ministry orders associated with Carmeuse Lime (Canada) Limited.*

Please let me know if you require anything further.

Thanks,  
Emilia

Emilia Kuisma

Issues and Projects Coordinator- London District Office

Ministry of the Environment and Climate Change

Ministère de l'Environnement et de l'Action en matière de changement climatique

Phone: (519) 873-3060

Email: [emilia.kuisma@ontario.ca](mailto:emilia.kuisma@ontario.ca)

**RE: I need some clarification on studies**

Darren Fry

Sent: Wednesday, March 22, 2017 12:57 PM

To: [REDACTED]

Hi [REDACTED] – sorry I didn't get back to you sooner as I was on vacation last week.

I have provided these questions to our Social expert for clarification and we can provide a response tonight if time allows or we'll provide a written response to you later this week.

Thanks and hope all is well. See you tonight.

Darren

From: [REDACTED]

Sent: Tuesday, March 14, 2017 2:43 PM

To: Darren Fry <DFry@walkerind.com>

Subject: I need some clarification on studies

Hi Darren

I need some clarification on the studies that the social expert is referring to in the work plans

Other than the people who will be asked (closer to the site/haul route vs wider area), what is the difference between the local field study and public attitude survey?

How do the questions vary?

Is one more involved than the other?

Does one hold more weight than the other?

Thank you

[REDACTED]

## FW: Agricultural Work Plan

Becky Oehler

Sent: Thursday, March 23, 2017 10:32 AM

To: laura@oxfordag.ca

Hi Laura,

My name is Becky and I'm the Community Engagement Manager with Walker Environmental, specifically for the landfill proposal in Oxford County. Henk van Roekel is part of our Community Liaison Committee, which meets regularly to discuss different aspects of the proposal.

Right now, we are in the process of reviewing the technical work plans. There is one plan for each of the 12 studies that will be conducted to evaluate the landfill proposal. One of the studies is Agriculture, and I thought this would be a good opportunity to meet with the Oxford County Federation of Agriculture. We could provide an overview of how the agriculture study will be carried out, and we'd like to answer questions and discuss input or concerns or about the agriculture study or about the landfill proposal in general.

If anyone is looking for information, a good place to start is the summary of the agriculture work plan:

[http://www.walkerea.com/uploads/601/Doc\\_636247389714329284.pdf](http://www.walkerea.com/uploads/601/Doc_636247389714329284.pdf)

More information about the technical work plans can be found on our website at: <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>

Henk let me know that there is a meeting scheduled for April 6. I would be happy to attend the April 6<sup>th</sup> meeting or a future meeting for a discussion, if that would be of interest to members.

Looking forward to hearing from you,  
Becky

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From: [REDACTED]

Sent: Wednesday, March 22, 2017 9:48 PM

To: Becky Oehler <BOehler@walkerind.com>

Subject: Re: Agricultural Work Plan

Hi Becky

We are having our next meeting April 6th

If that could work please contact our administrator Laura Fraser [laura@oxfordag.ca](mailto:laura@oxfordag.ca) to set it up

Op 22 mrt. 2017 om 13:25 heeft Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> het volgende geschreven:

Hi [REDACTED]

I hope you're doing well!

I just wanted to touch base with you regarding the Agricultural Work Plan. We're discussing it at the CLC meeting tonight if you're able to make it. Also, it would be great if we could meet with you and/or other representatives from the Oxford County Federation of Agriculture to review the Agriculture Work Plan, which will be the guide or how the agriculture study will be carried out. The work plans were drafted during the Terms of Reference and have now been updated with more information, including changes due to comments.

You can find the all of the work plans, as well as short plain-language summaries at: <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>

Links to the agricultural work plan documents:

[Summary of Updated Agriculture Work Plan \(plain language\)](#)

[Updated Draft Agriculture Work Plan \(red line version - shows updates since the draft during the Terms of Reference\)](#)

Looking forward to talking to you soon,  
Becky

**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

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T: 905-680-3675  
C: 289-257-1680  
Toll free: 855-392-5537  
[www.walkerind.com](http://www.walkerind.com)





**RE: Open House**

Becky Oehler

Sent: Tuesday, April 04, 2017 5:42 PM

To: [REDACTED]

Hi [REDACTED]

Thanks for letting me know, I appreciate the feedback.

Have a nice evening,  
Becky

**From:** [REDACTED]

Sent: Tuesday, April 04, 2017 9:30 AM

To: Becky Oehler <BOehler@walkerind.com>

Subject: Re: Open House

Hi Becky

I thought the set up for the Sept open house worked well. The boards etc explaining the CLC were great. I can't think of anything I would recommend changing.

Enjoy your day  
[REDACTED]

On Tue, Apr 4, 2017 at 9:19 AM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

Thanks for offering your time, I know it was appreciated by participants at the September open house. We will have an area set up like last time – are there any changes you would recommend?

Thanks,  
Becky

**From:** [REDACTED]

Sent: Monday, April 03, 2017 12:47 PM

To: Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>

Subject: Open House

Hi Becky

Just to let you know that I will be available as a CLC person for both open house sessions on April 19th

[REDACTED]

**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

T: [905-680-3675](tel:905-680-3675)  
C: [289-257-1680](tel:289-257-1680)  
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April 10, 2017

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

Dear [REDACTED]

**RE: Request for access to recordings of Community Liaison Committee meeting**

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We have reviewed your request regarding access to recordings of the Community Liaison Committee meetings. The recordings are available for review at our office, at 160 Carnegie Street in Ingersoll. A computer is available for this purpose, and can be accessed by calling our office to arrange a time that is convenient for you.

A written copy of the transcript is also available for each meeting and is provided as soon as it becomes available. Transcripts of past meetings are also available on the project website at [www.walkerea.com](http://www.walkerea.com).

Regards,

Darren Fry  
Project Director – Southwestern Landfill

## **FW: Eco friendly leachate treatment**

Darren Fry

**Sent:** Tuesday, May 09, 2017 11:51 AM

**To:** Info@walkerea.com

**Categories:** Printed and put in Binder

**From:** [REDACTED]

**Sent:** Tuesday, May 09, 2017 11:02 AM

**To:** Darren Fry <DFry@walkerind.com>

**Subject:** Eco friendly leachate treatment

Hi Darren,

I have a quick question for you regarding leachate management and the possible handling of it. From what I gathered it was a more eco friendly way of leachate treatment which would avoid dumping into the river. I believe you had mentioned it at the last CLC meeting. I wasn't there at the beginning of the meeting so I may have missed something. If you do have information on it, can you send it along to me? If it's on the web site then if you could direct me to the post?

Thanks,

[REDACTED]

[REDACTED]

## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Monday, May 15, 2017 12:49 PM  
**To:** Joe Tomaino; Becky Oehler; Info@walkerea.com  
**Subject:** FW: CLC comments on updated work plans  
**Attachments:** CLC Comments on work plans .pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Fyi. RoC

**From:** [REDACTED]

**Sent:** Monday, May 15, 2017 12:10 PM

**To:** Darren Fry <DFry@walkerind.com>

**Cc:** Steve [REDACTED]

**Subject:** CLC comments on updated work plans

Darren

A few members of the CLC (indicated in attached) have reviewed the updated work plans. Attached is that document.

[REDACTED]

The undersigned community members of the CLC have reviewed the updated work plans and are extremely disappointed by the lack of details, specifics and substantive changes from the original draft plans presented in 2013 during the preparation of the TOR or those included in the TOR submission (specific examples found in Section 2 of this document).

We have also noted inconsistencies between what was previously presented and stated and what is contained in these work plans. A specific example is a statement made to CLC during consultation on air work plans: *“CLC: I have it on good authority that on cold winter days the dust is very significant. Expert: We can definitely adjust the program, if you want to see measurements during the winter as well as summer to see if there is a difference. It is something to note and we will include it in the work plan”*. This was not included nor was there an explanation given as to why. Contradictions of this nature indicates a disregard of the CLC who have dedicated time to consult and provide meaningful input.

Given that these work plans will be finalized soon, the instances of errors (typos, mislabelled/missing maps and missing appendices) and discrepancies between the various work plans are most troubling. In the TOR, Walker proposes to *“design, build, operate and close a landfill at this site in a safe and environmentally responsible manner”*. The work that the technical experts do to assess the suitability of the site for a landfill is fundamental to achieving that purpose and the lack of attention to these details does little to instill confidence that the proposed undertaking will achieve protection of our environment.

It should also be noted that the haphazard and lackadaisical way the work plans and appendices have been updated and posted, without notification to those reviewing, has compelled those who wish to do a thorough and informed comment to check the website on a daily basis to review every work plan in their entirety for updates. This puts those who are reviewing at a considerable disadvantage and is an obstacle to any consequential and substantive comments.

These documents are being presented to the public for comment, and as such, they need to be articulated clearly to encourage meaningful feedback from the community and rather than catering exclusively to an industry evaluation. To that end we have compiled a list of concerns and issues that need to be addressed before the work plans are finalized so we can be assured that the technical work plans properly and sufficiently study the potential impact on our communities and the environment.

These comments are divided into two sections. The first section includes comments that are applied to ALL work plans while the second section contains concerns specific to each individual work plan. For purposes of clarification, our recommendations in Section 1 appear in bolded script.

Signed



## SECTION 1

APPLIES TO ALL WORK PLANS

## APPENDIX B

Throughout this process, we have provided Walker with a great deal of information and voiced concerns based on our unique perspective as residents, labourers, agriculturalists, business people and outdoor enthusiasts in this community. In the fourth edition of the Community Exchange WEG indicates, *“The input and local knowledge people have shared with us has been invaluable to help us understand local issues”*. Appendix B does not identify CLC comments on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation nor does it indicate how it has been incorporated. As there is no recording and disposition of CLC comments on the work plans it feels like that input is being ignored.

The Code of Consultation lists the benefits of integrating the results of consultation into the technical work as: *Reassures participants that their input is valued and has influenced the analysis and choices made by the proponent* (Page 49). In comments on the TOR, the CLC provided specific concerns and issues on air, ground/surface water, transportation, economy, geology, cultural & heritage, agriculture and ecology that are unique to our community. Walker’s response, in the disposition table was, *“Many of the comments of the CLC will be very important as we move forward and will be provided to our team of technical experts to inform the next iteration of their work plans and their subsequent impact assessments.”* Yet there is no traceable indication of this occurring.

**Appendix B should include all related input received during consultation both past and ongoing throughout consultation on work plans to ensure traceability on how comments and concerns are being addressed.**

## ENVIRONMENTAL ASSESSMENT CRITERIA

All work plans include the statement *“Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA”* Criteria and indicators can change during an EA to reflect new information or changes to assumptions. The inclusion of the word “approved” implies these are fixed in nature. **This statement must be revised to reflect the flexibility for new circumstances included in the TOR.**

All work plans state, *“This study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts”*. It is entirely insufficient to include a vague indication that “other studies will provide key input to criteria” Given there is a disconnect between the experts in their study plans (example: the social assessment states. *“Results from the traffic assessment will be used to assess the potential effects along the Emergency Detour Routes (EDRs)”* while the traffic studies do not include any assessment of EDRs), it is not clear how various experts will interact, there is insufficient information on how this will be addressed and cross tabulated. **Work plans need to include more specific details on how input/data and results from other studies will be integrated between the experts. Indicators from other disciplines need to be included to ensure traceability.**

Work plans contain the following statement: *From that list, the following are the primary environmental assessment criteria that are to be addressed in the \_\_\_\_\_ assessment, along with examples of related issues heard by Walker during public consultation about the proposal.* Members of the community are being encouraged to comment on the work plans. In many cases, the criteria and

indicators are too vague and generic for members of the community to ensure their concern has been captured. At the CLC Meeting #5 we were assured that a traceable correlation between community issues and criteria would be developed, *"We have to clearly communicate how the issues and concerns that we have heard from the community have come up into the EA Criteria."* **Since input from the community is valuable to background data collection and determining sampling sights/receptors; and, in order to ensure replicability and traceability, work plans must include a flow chart depicting concerns received and their associated criteria.**

## STUDY AREAS

On numerous occasions the CLC has asked to extend study areas to reflect not only community concerns and observations but to be consistent with areas designated by other experts. Example: *Air work plan states On-Site and in the Site Vicinity study area 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can be anticipated.* WEG Community Exchange June 2013 states, *"The ecosystem is affected when the dust and other debris settles onto the land and water. These constituents are taken up by the plants and animals that live in the aquatic and terrestrial ecosystems"* and yet various disciplines that would be affected by air quality effects contradict that by including a more limited study area:

- Ecology work plan includes *On-Site and in the Site Vicinity as Loss or disturbance to terrestrial ecosystems (within 120 m).*
- Social work plan: The "Site Vicinity" will include all properties within or bisected by a two (2) kilometre radius line from the proposed landfill's "On-Site" study area boundary. This is the area within which there is a greatest potential for nuisance effects such as dust, odour and noise.

**It is problematic that all disciplines that are potentially affected by air quality (noise, dust, odour, vibrations), are not more reflective of the proposed impact study areas from the air work plans.**

**All study areas must be adjusted to include changes made to Facilities Characteristics V2, specifically the change to the leachate treatment area.**

Work Plans include the statement, *"These study areas are not intended to be fixed. Flexibility is needed to expand or contract study areas, depending on the study findings".* **We have serious concerns that at no point the minimum area of the study is defined in specific terms. Include criteria utilized to determine the need to expand or contract study areas must be included in the work plans.**



## ALTERNATIVE ROUTES & EDR

While we understand that Walker has stated that alternative routes/EDR will be studied as a part of the contingency plan, there is much confusion and inconsistencies between the work plans. The Health, Air and Social work plans all reference the EDR as part of their work plans (see below). This is confusing to those reviewing and misleading as to what is included in the impact studies.

- Health work plan: *The along the haul route area for this will be limited to 500 metres on both sides of the proposed haul routes and dominant emergency detour routes as provided by the traffic consultant, and will apply only to the criteria related to vehicle emissions and retrained roadway dust.*
- Air work plan: *The along the haul route area for this will be limited to 500 metres on both sides of the proposed haul routes and dominant emergency detour routes as provided by the traffic consultant, and will apply only to the criteria related to fine particulate (landfill gas emissions are not created along the haul routes).*
- Social: *Note: Results from other discipline analyses will be used to determine the magnitude of change in nuisance effects. Results from the traffic assessment will be used to assess the potential effects along the Emergency Detour Routes (EDRs).*

**Given the discrepancy between the various work plans with regard to alternative routes/EDR, clarification on what is being studied must be consistent through ALL work plans.**

That being said, Walker has committed to studying the alternative routes/EDR as a contingency, “Alternative routes (if the Hwy 401 is closed) would be considered part of the contingency plan, which would be created during the Environmental Assessment (EA)” (CLC Meeting # 7), the use of current EDR has huge community impacts submitted as input on numerous occasions. To ensure this concern is being addressed, include:

- **At what point will alternative transport routes around the community be identified?**
- **Will the CLC have an opportunity to comment on those routes and their effects to the community?**

## MAPS

- All maps illustrating site location must be revised to reflect the actual Carmeuse Landholdings. The accuracy of the maps depicting the Carmeuse Landholdings was first disputed in comments on the TOR and was not corrected in the amended TOR. Nevertheless, a corrected map has been available on the Walker website since March 25, 2016, long before these work plans were updated. **This map should have been incorporated into the updated work plans.**
- To allow for a visual perspective of the areas involved:
  - **All work plans must include a map clearly depicting the proposed study areas including radius for on-site and site vicinity, haul routes and wider area.**
  - **Maps depicting haul routes must illustrate the entire proposed haul route from exit 222 of 401 AND any proposed roads from County Rd 6 in to the site as presented in the facilities Characteristics Report.**
- **Maps must indicate the changes made in Facilities Characteristics Report V2, specifically the change to leachate treatment area which is outside of the original footprint.**

## INDICATORS/MEASURES

Generally, there is a short-coming in the level of detail presented in indicators and measures. It is unclear what is to be assessed, why it will be assessed, how it will be assessed and what information will be used to establish if there is an anticipated environmental effect

- **Must include definitions and rationale for all indicators**
- **Clearly articulate any standards that will be used to measure the effects against.**
- **How will criteria be compared and weighted**

The Code of Practice Consultation states that *“Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback”*. There are examples (cited in section 2) where the indicators consist solely of technical jargon or a list of guidance documents. By including ONLY technical information as indicators it excludes any meaningful feedback from the public. This is a clear contradiction of the collaborative and participatory approach to consultation intended in the Code.

## ASSUMPTIONS

*“In order to address cumulative effects, ...this study will compare the potential effects of the proposed landfill, at its different stages of development, to the forecast baseline conditions at that same period of time ... In order to guide the forecasting of future baseline conditions, Walker has provided a set of working assumptions regarding future land uses (including community growth, other industrial activities such as quarrying, etc.) at the site, in the surrounding area and in the broader community”*

It should be noted that these updated work plans were based on preliminary assumptions. The planning assumptions were presented in power point form to CLC in November 2016. The information was cursory at best; [http://www.walkerea.com/uploads/751/Doc\\_636155852661450550.pdf](http://www.walkerea.com/uploads/751/Doc_636155852661450550.pdf) The actual Land Use Planning Forecast Draft Report; was not made available until May 1, 2017, (posted without notification) two weeks before the comment period deadline. Although work plans refer to an Oct 2016 version; the CLC was never provided a copy of the earlier version nor was it posted to the Walker website. Consequentially, this omission is a significant hindrance to the CLC in reviewing and commenting on the plans. **This work plan should have been presented in full to the CLC and the public before any consultation of updated work plans took place in order to enable and elicit meaningful comments from the community.**

**Land Use Planning Forecast Draft Report Section 4.0 EXISTING CONDITIONS contains:**

- **no preliminary description of cultural heritage resources;**
- **no preliminary description of ecological features**

**These should be included in this report and reflected in applicable work plans.**

The Land Use Planning Forecast Draft Report (May 1, 2017), does not contain information on quarry operations – *Section 5.2 to be finalized following meetings with producers;* however, there are items in

the land use forecast (as seen in traffic work plan) that are currently under review or have proposed changes. Some of these changes, if enacted, may have a significant impact on some studies. (Example: the proposed new entrance/exit to Carmeuse licence #2130 on the east side of County Road 6 could have a significant impact on the traffic assessment) **All work plans must include a flexibility statement to incorporate any changes or new information on future baseline conditions.**

## CLIMATE CHANGE

*“The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant”*

There are many reports on the changes in climate:

- *“Historical data indicates that the province is experiencing shifts in seasons, with shorter winters, earlier springs, and more intense precipitation events due to climate change”* (Ministry of the Environment and Climate Change, 2015).
- *“The additional heat in the atmosphere will likely increase variability in precipitation and wind patterns. For example, as more heat is trapped in the lower atmosphere by additional greenhouse gases, the frequency and size of extreme weather events such as ice storms, heavy rains, droughts, and wind storms are expected to increase”* (A Practitioner’s Guide to Climate Change- Ontario Centre for Climate Impacts and Adaptation Resources)

**Climate change assumptions should not be limited to temperature and precipitation. It should include trends in increased frequency and severity of extreme weather events over the past 20 years (snow, rain, wind, drought, ice storms etc.). These trends would all have a significant impact on the community and must be considered in the impact assumptions.**

**Where applicable work plans need to not only include effects of climate change on project but also effects of the project on climate change**

**All work plans include Climate Change assumptions but not how they will be used in data analysis; explanations of how climate change will be considered during data analysis, mitigation measures etc. should be included in work plans.**

## BACKGROUND DATA COLLECTION

Throughout the work plans, the experts have repeatedly referred to input/community features/issues provided by the CLC. This is vague and generic and punitive to those of us who take our role seriously. We see it as both our right and responsibility to *“Identify local issues and areas of concern and how they may be affected”* as stated in the Code. It should be noted that, in presenting their work plans, many experts have referenced information gleaned from the CLC bus tour. The bus tour took place in

September 2012; months before the CLC met with the experts to explain their work process and what type of input would be significant. The lack of specific references or a comprehensive list of input received leaves us at a quandary as to what contributions have been captured and precludes the opportunity to supplement with additional information that may otherwise be overlooked as the work plans are finalized.

**Where data received from CLC is indicated, this input needs to be documented to include actual data to ensure traceability and to solicit any addition input. Include comprehensive list of features identified.**

#### FIELD DATA COLLECTION

Work plans that indicate a four seasons or seasonal study must include some definition of “season”

- **When do seasons begin and end**
- **Is there an incident or observation that triggers the beginning/end of a season**
- **Will seasonal information be collected during a complete season be split up doing a partial study one year and completing in the next**

#### RECEPTORS/MONITORING LOCATIONS ETC.

June 2016 meeting: *“Number five, there was a question, when will the local community be able to provide input on air monitoring locations? And the answer is during consultation on the revised work plans because that’s where the monitoring locations will be laid out in draft”* **Monitoring locations should be included in draft plan in order to elicit input on the proposed locations**

From various work plans:

- *“It is also expected that through ongoing dialogue and engagement with community stakeholders that additional information will be brought forward for consideration”*
- *“Secondary data review will involve the collection and review of reports, mapping and other information available from a variety of publicly available sources, including: members of the CLC, the municipalities in the study areas...”*

**Where future input is proposed from CLC and members of the community, consultation methods for receiving this input must be indicated.**

- **How will these consultations take place**
- **At what point during the process will these happen**
- **How will information be recorded and presented**

We have reviewed other work plans for similar proposals. The information presented in the Ground Water work plan is grossly incomplete compared to what others have done. By comparison the

proposed work plan done for the Taggart Miller proposal (also done by Golder Associates); included details and specifics to boreholes including: location, rationale, depth, drilling technique etc. Proposed borehole and monitoring well locations were not initially included in Walker's updated work plans for consultation but rather were added as an addenda on April 10, 2017. This signifies that the updated work plans were done in a precipitous manner to meet the imposed deadline of Walker.

It should also be noted that this addenda was not published until AFTER the CLC had an opportunity to consult with the experts. This was a detriment to the CLC in ensuring that our concerns are being captured. We are extremely concerned that there are sufficient boreholes and studies undertaken to answer questions:

- Groundwater connectivity between municipal and private wells and the site
- Are there wells that could be potentially affected by drawdown or contamination

Without being able to discuss this directly with the experts, the CLC is still not confident that our concerns are being acknowledged and addressed.

**Work plans should have been presented in full to the CLC and the public before any consultation of updated work plans took place to enable and elicit meaningful comments from the community.**

#### DATA ANALYSIS

The Code references the Ministry's Statement of Values in which it states, "*The proponent is expected to articulate the level of uncertainty associated with data and conclusions*". On numerous occasions, we have also expressed our concerns regarding the accuracy of technical experts' reports specifically:

- Issues of uncertainty and limitations in the methods of data collection and data analysis, and how their methods compare to a pure scientific approach
- When models are used to predict future conditions, the degree to which their model is representative of the actual conditions.
- Whether or not their models are calibrated, and against what data; the age of this data, and to what degree the data is extensive or representative.

**To address these concerns, we ask that all technical experts commit in their work plans to commenting on the accuracy of their models and methodology.**

# SECTION 2

## COMMENTS SPECIFIC TO EACH WORK PLAN

Agriculture

Air Quality

Archaeology

Cultural Heritage

Cumulative Effects

NOTE: At the January 2017 meeting, members of the CLC indicated that they found the cumulative effects materials challenging to understand; Walker acknowledged that the material was technical, stating they would spend time improving the materials for better comprehension and that this discussion would be revisited at a later CLC meeting; the members of the CLC commenting on these plans reserve comments on the cumulative work plan for the May 24th meeting.

Ecology

Economic

Groundwater and Surface Water

Human Health Risk Assessment

Noise and Vibration

Social

Traffic

Visual Impact

## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

PAGE	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 4	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.	Appendix B does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code.
Page 5	<p><b>3. Environmental Assessment Criteria</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
	From that list, the following are the primary environmental assessment criteria that are to be addressed in the agriculture assessment, <u>along with examples of related issues heard by Walker during public consultation about the proposal</u>	CLC Meeting #5 <i>"The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion"</i> . Given that these documents are being presented to the public for comment, the environmental criteria chart should include specific <i>"examples of related issues heard by Walker during public consultation"</i> to enable full understanding and traceability to those reviewing.
	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	<p>There is insufficient information on how this will be addressed</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul> <p>This is of particular importance as the CLC consistently raised the concern of the food chain (from field to fork) and its relationship to human health. Interactions between air; water; agriculture and health need to be clarified and included.</p>
Page 6	<p><b>Study durations</b></p> <p>Post-Closure Period</p> <p>The time after the site is closed to waste receipt. Activities are normally limited to operation of control systems, routine property maintenance</p>	<p>Page 14 of Facilities Characteristics Assumptions lists <i>"Potential end uses assumed for the purposes of the environmental assessment studies include passive green space and agriculture"</i></p> <p>At the technical workshop you stated, <i>"one of the options could be</i></p>

## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

	<p>and monitoring, and thus have a more limited range of potential effects.</p>	<p><i>agricultural, but there are problems - there's problems with gas, displacement... a landfill rehabilitation. We're running into issues with respect to gas, and particular gas would displace the oxygen in the routing zone of the plants"</i></p> <p><b>Post closure should include end use of landfill</b></p>
<p>Page 7</p>	<p><b>4. Study Areas</b>  <u>On-Site and in the Site Vicinity</u>          For the purposes of this study, the on-site and in the site vicinity area includes the area proposed for the waste facility at the Carmeuse site plus its associated buffer zones and an area including all agricultural lands and facilities situated immediately adjacent to the proposed landfill, extending to include all farm properties north to County Road 2 (68 Rd), west to 31st Line, east to 43rd Line – Zorra Line extension south to Highway 401 and west to Ingersoll. Modeling within the various studies will predict the full extent of potential effects from the landfill operations. Should these effects extend beyond these boundaries, the study area would then be adjusted accordingly.</p> <p>They will be sufficiently flexible to accommodate the extent of impacts reported by the other study disciplines.</p>	<p>WEG Community Exchange June 2013 <i>"The ecosystem is affected when dust and other debris settles onto the land and water. These constituents are taken up by plants and animals that live in the aquatic and terrestrial ecosystems"</i> This would also include agricultural livestock and vegetation.</p> <p>From Air work plan: "the on-site and in the site vicinity area extends to approximately 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can be anticipated"</p> <p><b>Given the correlation between air and agriculture, the study area should be 5K to be consistent with anticipated impacts to start.</b></p> <p>The EA Criteria (Page 10 of work plan) lists Disruption of farm operations, the social assessment would feed information into this category and social study area includes agricultural land to the outskirts of Woodstock to the east of proposed site.</p> <p>Statement made at CLC technical work shop re: wider area <i>"That was not in our work plan, but as I was reviewing some of the other work plans, I realized that it's - we kind of stopped at the site vicinity, and I think it's probably important that we tag along with socioeconomic who are going wider."</i></p> <p><b>Given the correlation between agriculture and social for disruption of farm operations, the study area should be extended to the east to reflect anticipated impacts to farm operations</b></p>
	<p><u>Along the Haul Routes</u>          The along the haul route area for this assessment will include all farm properties located on both sides of the proposed haul routes, encompassing all production areas lying adjacent to and/or accessing directly onto these routes. Access includes both farm facility laneways</p>	<p>This is not consistent with statements made at technical workshop</p> <p><b>Q:</b> <i>Can you explain a little bit further about how that decision was made to - for those particular roads to include within your main focus area, and as a part of that, one of the big concerns that came up when we discussed traffic is the importance of studying the alternate haul route given that our area is</i></p>



## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

	and field access points	<p><i>famous for 401 road closures.</i></p> <p><b>A:</b> <i>the alternate haul routes, we will be looking at, no matter, you know, where they are with respect to this study, those will be... we'll be looking at both sides of the road along all haul routes.</i></p> <p><b>Q:</b> <i>Including the alternate haul route? Including the alternate...Is that right?</i></p> <p><b>A:</b> <i>Yes</i></p>
Page 7	It is not intended that these study areas be fixed. Flexibility is available to expand or contract study areas, depending on the study findings.	<p>At no point is the minimum area of the study defined in specific terms</p> <p>Include:</p> <p>Criteria utilized to determine the need to expand or contract study areas</p>
Page 10	<p><b>EA Criteria</b></p> <p><u>Displacement of agricultural land</u></p> <p>Loss of existing or quarry rehabilitated Prime Agricultural Land defined as Canada Land Inventory Classes 1 – 3, in the Provincial Policy Statement.</p>	<p>Include as indicators:</p> <ul style="list-style-type: none"> <li>• Comparison of timeframe in loss of agricultural rehabilitation from quarry operation vs landfill</li> <li>• Loss of existing Prime Agricultural Land defined as Canada Land Inventory Classes 1 – 3, in the Provincial Policy Statement to be used for private access road</li> <li>• Loss of existing Prime Agricultural Land defined as Canada Land Inventory Classes 1 – 3, in the Provincial Policy Statement to be used for leachate treatment as per Facilities Characteristics version 2</li> </ul>
	<p><u>Disruption of farm operations</u></p> <ul style="list-style-type: none"> <li>• Area of cropland potentially affected by emissions, fine particulates (dust), flooding or drainage disruption;</li> <li>• Number of farm operations with potential for loss of water quality or quantity affecting livestock or crop production;</li> <li>• Number of farm operations with livestock or crop production potentially affected by disease transmission, noise or litter associated with the proposed landfill;</li> <li>• Number of inter-property farm operational linkages along the proposed haul routes;</li> <li>• Number of farm laneway and field access points occurring along the haul routes; and</li> <li>• Number of farm operations with potential business impacts.</li> </ul>	<p>Include as indicators:</p> <ul style="list-style-type: none"> <li>• Agri-tourism operations such as equestrian facilities, Jakeman's Maple Syrup, Leaping Deer Farm, farms that hold tours/annual events etc.</li> <li>• Number of farms that receive regular visits from trucks and cube vans to pick up farm produce, like milk and grains, or to bring farm supplies</li> <li>• Number of farms with employees who commute to site</li> <li>• Number and area of agricultural properties required for potential private access road and area, character and sensitivity of vegetation to be removed due to required road</li> <li>• Disruption to agricultural operations from influx of birds leaving landfill after bird control methodologies</li> </ul>

## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

	<p><b>6.1 Facility Characteristics</b> The following key assumptions are drawn from that report for the purposes of this study.</p>	<p>These require updating to reflect changes made in “Facilities Characteristics Assumptions” Version 2 with specific references to leachate management</p>
Page 12	<p><b>6.3 Climate Change</b> Minister’s amendment #12 to the Approved Amended Terms of Reference required that climate change should be considered in this environmental assessment. The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant.)</p>	<p>Climate change assumptions should not be limited to temperature and precipitation. It should include trends in increased frequency and severity of extreme weather events over the past 20 years (snow, rain, wind, drought, ice storms, early or late frost etc.). These trends would all have a significant impact on agriculture and must be considered in the impact assumptions</p>
	<p><b>7.1 Background Data Collection</b> As part of the establishment of agricultural baseline conditions, the background data collection phase of the proposed agriculture assessment provides an agricultural context for the landfill proposal. Background data will be collected for the following</p>	<p>To be consistent with the work done at Walker’s South Landfill in Thorold, include the following:</p> <ul style="list-style-type: none"> <li>• Patterns of existing and proposed non-agricultural land uses that might influence agriculture and affect the relative priority of lands for agricultural use.</li> </ul>
		<p>From CLC technical workshop re: baseline studies  <b>Q:</b> <i>And so you'll base that on benchmarks - where are your benchmarks, and when will you be taking benchmarks readings?</i>  <b>A:</b> <i>Well, they - the baseline studies that the other - studies will be doing air and water and so forth, will be doing their own kind of baseline sort of ambient levels analysis, and then we'll be looking at the increment above what's current with respect - what the landfill application, so the - in other words, there will be a baseline work that they'll be doing. I won't be doing that baseline work. My primary work at the beginning of this study will be to characterize what's going on agriculturally.</i>  <b>Q:</b> <i>So you won't take baseline measurements of soil quality in the affected area?</i>  <b>A:</b> <i>No. The baseline quality of the current parameters - the dispersion models within the air and the water will in fact talk about kind of what the ambient levels are, and what the current soil situation is, you know, that will have to be looked at. <u>That's possibly something that we should consider.</u></i>  <b>Given section 10. References (page 16 of work plan) contains references for</b></p>

## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

		<b>Soil compatibility as being 45 years old; Soil Classification as being 19 years old; and County Soil Survey as being 21 years old, we highly recommend that an actual baseline soil assessment be done</b>
Page 14	<p><b>7.2 Field Data Collection</b></p> <p>Within the Site Vicinity, reconnaissance mapping of agricultural and nonagricultural land use including common field and specialty crop production areas and cultivation patterns; agricultural facilities and structures; identification of livestock production and the location of agricultural laneways and field/road access points along proposed haul routes; and agribusiness establishments</p>	<p>Include:</p> <ul style="list-style-type: none"> <li>• Facilities identified as retired, those that appear to be no longer active in commercial production of agricultural goods. Many of these retired facilities may have the ability to house a few animal units and/or to be used to store machinery.</li> <li>• Areas of woodlots on farms</li> <li>• Changes in crop trends</li> </ul>
	This information, together with input from the ongoing consultation program	<p>How will this ongoing consultation take place</p> <p>Who will be included in this consultation</p>
Page 15	<p><b>8. Data Analysis</b></p> <p>Agricultural Characterization</p> <p>Establishment of pre-quarry agricultural soil capability and review of the Carmeuse quarry rehabilitation site plan , including the level of proposed agricultural rehabilitation</p>	<p>Include:</p> <ul style="list-style-type: none"> <li>• Agricultural land lost to proposed leachate treatment area</li> <li>• Comparison of timeframe in loss of agricultural rehabilitation from quarry operation vs landfill</li> </ul>
	Agricultural land classification of capability for common field crop production and suitability for specialty crop production utilizing the Soil Series classifications set out in the Oxford County soil report and the Canada Land Inventory classification system guidelines for lands in the vicinity	<p>Include:</p> <ul style="list-style-type: none"> <li>• Soil along haul routes</li> </ul>
	Agricultural census data providing agricultural capital investment patterns and levels of crop and livestock production in the site vicinity and wider area.	<p>Include:</p> <ul style="list-style-type: none"> <li>• New or planned agricultural infrastructure that might be associated with mechanized, large scale agricultural production particularly that associated with livestock.</li> </ul>

## COMMENTS ON AGRICULTURE UPDATED WORK PLAN

Page 15	<b>Agriculture Resource and Operational Impacts</b> <ul style="list-style-type: none"> <li>• Flooding hazards affecting crop production or resulting in soil erosion impacts</li> </ul>	How will climate change be incorporated in your impact assessment
	<ul style="list-style-type: none"> <li>• Disease transmission to farm produce or livestock associated with insects, vermin or birds;</li> <li>• Hazards to aerial crop spraying operations associated with birds</li> </ul>	Include: <ul style="list-style-type: none"> <li>• Disruption to agricultural operations from influx of birds leaving landfill after bird control methodologies</li> </ul>
	<ul style="list-style-type: none"> <li>• Impacts on farm community character and cohesion.</li> </ul>	This is a subjective analysis Should provide a list of the actual indicators that will be used to measure impacts How will impacts be compared and weighted
Page 16	<b>10. References</b>	Include: <ul style="list-style-type: none"> <li>• Compliance to D-4 Land Use On or Near Landfills and Dumps which includes agricultural uses</li> </ul>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

PAGE	UPDATED WORK PLAN	COMMENT/CONCERN
Page 1	<p><b>INTRODUCTION</b></p> <p>A copy of the earlier comments related to this work plan, along with Walker’s responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B</p>	<p>Appendix B includes comments and responses from Neegan Burnside Ltd., Town of Ingersoll, JMCC, MOE and OPAL. This does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code</p>
Page 3	<p><b>ENVIRONMENTAL ASSESSMENT CRITERIA</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	<p>Please explain referring to the criteria and indicators as <b>APPROVED</b>? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.</p>
	<p>From that list, the following are the primary environmental assessment criteria that are to be addressed in the air quality assessment, along with examples of related issues heard by Walker during the public consultation about the proposal</p>	<p>CLC Meeting #5 <i>“The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion”</i>. Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during consultation fall into these criteria to enable full understanding and traceability to those reviewing.</p>
Page 4	<p>Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.</p>	<p>There is insufficient information on how this will be addressed</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 4	<p>It should be noted that the above list is not a complete list of the criteria and experts that may use the findings of the Air Quality Assessment.</p>	<p>This list should be expanded to include at a minimum, Health Assessment</p> <p>Per Regulation 419/05 Air Pollution – Local Air Quality Section 45: No person shall cause or permit to be caused the emission of any air contaminant to such extent or degree as may,</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

		<p>(a) cause discomfort to persons;                  (b) cause loss of enjoyment of normal use of property;                  (c) interfere with normal conduct of business; or                  (d) cause damage to property. O. Reg. 507/09, s. 32 (1).</p> <ul style="list-style-type: none"> <li>• Regulation 490/09 Designated Substances – List both silica and asbestos in relation to the employer’s duty to protect their own workers. If Walker is accepting any materials (C&amp;D broken up and pushed around the dump they would release silica and asbestos particulate) that are included in Reg. 490/09, they have a duty per Section 16 to limit airborne exposure; Reg 490 Table 1 sets the exposure limit for various designated substances. (see 5.1 Dust Criteria Page 6 below)</li> <li>• This has the potential to seriously impact not only Walker employees but neighbouring Carmeuse employees working in the same area</li> <li>• Health effects may be significant if portions of the PM 2.5 dispersing off site was to be designated substances Reg 490/09</li> </ul>
Page 5	<p><b>STUDY AREA</b>                  Site vicinity is the area immediately adjacent to the waste disposal facility property that is directly affected by the on-site activities. Its size will be variable and flexible in order to encompass the actual extent of the effects, but could consist of neighbouring properties and/or communities as needs be.</p>	<p>This section should be amended to also include areas where quarry workers are carrying out operations who may be directly or indirectly affected</p>
Page 5	<p>These study areas are not intended to be fixed. Flexibility is needed to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the <b>minimum</b> area of the study defined in specific terms                  Include:                  Criteria utilized to determine the need to expand or contract study areas</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

Page 6	<p><b>On-Site and in the Site Vicinity</b></p> <p>For the purposes of this study, the on-site and in the site vicinity area extends to approximately 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can be anticipated. However, the modeling area will predict the full extent of air quality effects from the landfill operations even if they were to extend beyond 5 km, and the study area would then be adjusted accordingly</p>	<p>Requires more clarification</p> <ul style="list-style-type: none"> <li>• General shape and size of the minimum area rather vague</li> <li>• Does the study area extend in all directions from the landfill</li> </ul>
Page 6	<p>The along the haul route area for this will be limited to 500 metres on both sides of the proposed haul routes and dominant emergency detour routes as provided by the traffic consultant</p>	<ul style="list-style-type: none"> <li>• The inclusion of the emergency detour routes was added <i>after</i> the original draft presented to CLC in Oct 2012. This addition first appeared in the work plans submitted with the TOR after consultation with the CLC. Please explain how this was added to submission of TOR and now removed</li> <li>• There is a disconnect between traffic and air work plans. Please clarify how and when the alternative routes will be identified and indicate how the input from these disciplines will be cross tabulated.</li> <li>• How are emissions calculated</li> </ul>
Page 6	<p>The number and locations of these common receptors will be determined in a collaborative fashion with other disciplines, (i.e., social/cultural, economics/financial, agriculture, traffic and visual/landscape disciplines).</p>	<p><i>The nearby receptor locations will be evaluated in terms of sensitivity through a site visit and consultation with Walker representatives and other key stakeholders (e.g., the Community Liaison Committee) to better assess the local community... <u>future consultation sessions will be part of the consultation process for the selection of key receptors areas for the evaluations</u> (page 18-19 of this work plan) At what point will the location of receptors be selected and will the CLC have an opportunity to comment?</i></p>
Page 7	<p>These common receptor locations may include those locations that represent the following:</p>	<ul style="list-style-type: none"> <li>• More clarification and specific details need to be included to define how these receptors will be identified (see next 4 comments below)</li> <li>• Most of these receptor locations limit themselves to the category of</li> </ul>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

		‘nearest’, which, given the location of the quarry, would put most of them within a kilometer of the site, potentially leaving much of the proposed 5 km study area without receptors
	Residences or neighbourhoods nearest the proposed landfill (nearest residential locations to the north, south, east and west of the site)	Is this one receptor per cardinal point?
	Residences or neighbourhoods along the haul route	<ul style="list-style-type: none"> <li>• At what intervals?</li> <li>• Page 27 Haul Route traffic assessment states “<i>as well as the dominant emergency detour route</i>” Receptors must not be limited to primary route</li> </ul>
	Businesses or commercial/industrial areas, including farms or agricultural areas	Nearest? How many?
	Community or institutional facilities nearest the proposed landfill (e.g., schools, community centres, hospitals, cemeteries);	How many of each type of facility?
	Areas or places with a potential view of the proposed landfill	<p>The proposed landfill is in a quarry, in the bottom of a river valley basin:</p> <ul style="list-style-type: none"> <li>• Include criteria for identifying areas or places with potential view</li> <li>• Include details on how input from the public will be taken into account in establishing views</li> </ul>
Page 8	<b>INDICATORS AND MEASURES</b>	<p>The work plan has not provided indicators and measures but has instead provided links to relevant guidance documents. The Code of Practice Consultation states that “<i>Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback</i>”.</p> <ul style="list-style-type: none"> <li>• Should provide a list of the actual indicators that will be used to measure assessment criteria</li> </ul>



## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

		<ul style="list-style-type: none"> <li>• What information will be input and output from the modelling</li> <li>• Include a preliminary list of specific parameters that will be measured</li> <li>• How will criteria be compared and weighted</li> </ul>
Page 8	<p><b>5.1 Dust Criteria</b></p> <p>As a gauge for determining whether such effects may or may not occur, the baseline and future predicted levels of total suspended particulate matter (TSP), inhalable particulate matter (PM10), and respirable particulate matter (PM2.5) and Dustfall will be compared to the applicable guidelines. For TSP, two AAQCs are applicable, one for the 24-hour and another for the annual geometric means of the 24-hour concentrations. For PM10 and PM2.5, only 24-hour criteria have been established by the MOEMOEC and the Canadian Council of Ministers of Environment (CCME), respectively</p>	<p>What the assumed composition is of PM 2.5?</p> <p>PM10 and PM2.5, which encompasses much of the nuisance dust from motor scrapers and haul traffic, but the one element that seems to be overlooked by this study is that the majority of the landfill material is supposed to be ‘solid, non-hazardous waste’ including C&amp;D waste</p> <p>Two of the major components in many construction materials are silica and asbestos. The materials would be considered non-hazardous in their constructed states, but as things are broken up and pushed around the dump they would release silica and asbestos particulate, both of which have very tight MOECC guidelines for release into the public domain and the environment, neither of which are addressed directly in this report</p> <p>The Ambient Air Quality Criteria (AAQCs) set by the MOE limit the exposure to 5 µg/m<sup>3</sup> per 24 hours, which is really low. (refer to <a href="https://www.ontario.ca/page/ontarios-ambient-air-quality-criteria-sorted-chemical-abstracts-service-registry-number#footnote_1">https://www.ontario.ca/page/ontarios-ambient-air-quality-criteria-sorted-chemical-abstracts-service-registry-number#footnote_1</a> for a complete list of additional AAQCs)</p>
	<p><b>Table 6.1.1.1: Summary of Dust Assessment Criteria</b></p>	<p>The dust criteria is, aside from pm10 and pm2.5 sized particulate, is really only assessing heavy metals (Arsenic, Cadmium, Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Selenium, Vanadium, and Zinc), but there are many more ‘dust’ compounds that should be added to the study (refer to the AAQCs list link above)</p>
Page 10	<p><b>HAUL ROUTE TRAFFIC CRITERIA</b></p> <p>Depending on the evaluation from the Human Health Assessment, additional parameters of vehicle exhaust</p>	<p>Given that the Health assessment takes place largely after the other disciplines have completed their work; utilizing any predicted potential adverse impacts. Include how the health and air interact timewise</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

	may be added to the assessment	
Page 12	<p><b>LANDFILL GAS CRITERIA</b> Based on input from the MOECC, stakeholders and the Human Health Assessment, this list can be altered to include additional parameters, if necessary and appropriate.</p>	Indicate how input from stakeholders be gathered
Page 14	<p><b>5.3 Odour Criteria</b> The MOECC suggests that an upper limit for off-site concentrations of 1.0 odour unit (OU) per cubic metre, at an averaging time less than or equal to 10 minutes, be applied as criterion[1]. This suggested guideline further typically allows for the 1 OU guideline to be exceeded during a small percentage of time. Through our experience with other landfills in Southern Ontario, we have considered an objectionable level for odour to be generally in the range of 3 to 5 OU. These levels are more closely related to public complaints. Odour results will be compared to 1, 3 and 5 OU.</p>	<p>Ontario Environmental Protection Act, an odour is deemed as a nuisance, if it is detected and considered to be unpleasant. EPA defined 1 odour unit (OU) parameter Regulation 419/05 Air Pollution, Section 45(a)(b) – No person shall cause or permit to be caused the emission of any air contaminant to such extent or degree as may cause discomfort or loss of enjoyment of the normal use of property.</p> <p>The statement, <i>“Through our experience with other landfills in Southern Ontario, we have considered an objectionable level for odour to be generally in the range of 3 to 5 OU”</i> implies a predetermination or bias and must be removed to only include the statement <i>“Odour results will be compared to 1, 3 and 5 OU”</i>.</p>
Page 14	<p><b>FACILITY CHARACTERISTICS</b> Walker has provided an initial set of working assumptions regarding the design and operations of the proposed landfill (Facility Characteristics Report; November, 2016).</p>	<p>CLC meeting November 23, 2016 <i>“our facility characteristics document is not yet complete”</i> <i>“I think we need a few more weeks to finalize it. There is some detail that we are still developing at this point and our engineers are developing”</i>. Given that there was still consultation on preferred alternatives taking place in November and the engineers had not yet completed their contributions, how is it possible that the experts were presented with a facilities characteristics report in November 2016? This is a clear contradiction of the collaborative and participatory approach to consultation intended in the Act</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

Page 14	<p><b>5.4 Blowing Litter Criteria</b></p> <p>Wind-blown litter has the potential to cause a nuisance at nearby residences. The Interim Waste Authority (IWA) concluded that the maximum potential travel distance is 1 km, and that about 50% of escaping litter goes beyond 500 m. The IWA classified the zone from 0 to 500m as medium impact, and the zone from 500 to 1000 m as low impact. RWDI’s experience is that this represents a reasonable classification. This criterion will be used to determine areas of potential impact from blowing litter.</p>	<p>This criterion must refer to the requirements of Part V of the EPA pertaining to Waste Management rather than RWDI’s experience</p> <ul style="list-style-type: none"> <li>• Section 6(1) of the EPA states <i>‘No person shall discharge into the natural environment any contaminant, and no person responsible for a source of contaminant shall permit the discharge into the natural environment of any contaminant from the source of contaminant, in an amount, concentration or level in excess of that prescribed by the regulations’</i></li> <li>• EPA Section 42 clearly defines the conditions under which the Waste Facility owns waste, and is therefore responsible for said waste.</li> </ul>
Page 15	<p><b>BUILDINGS, STRUCTURES, AND SUPPORTING INFRASTRUCTURE / LEACHATE MANAGEMENT</b></p>	<p>These require updating to reflect changes made in “Facilities Characteristics Assumptions” Version 2</p>
Page 17	<p><b>LAND USE FORECAST</b></p>	<p>Aggregate Operations and Land Use forecast should contain statement of flexibility for new circumstances as an application for site plan amendment has been submitted and waiting for a decision</p>
	<p><b>CLIMATE CHANGE</b></p>	<p>With respect to climate change you only seem to be looking at the effect of climate change on the project but they should be looking at the contribution of vehicle emissions and traffic congestion created by the project to greenhouse gases</p>
Page 18	<p><b>7.1 Background Data Collection</b></p> <p>In order to assess background conditions at the site, the following information will need to be collected:</p> <ul style="list-style-type: none"> <li>• Relevant technical reports in Carmeuse’s library</li> </ul> <p>As discussed in our consultation meetings, the use of the historical data will be reviewed and discussed with</p>	<ul style="list-style-type: none"> <li>• <i>Reviews of the voluntary industrial air monitoring, the ministry criticized the results of the monitoring and commented on issues of data gaps and operational interruptions (Beachville Air Monitoring)</i></li> </ul> <p>Recommend that a third party that does not have a vested interest in the landfill from the surrounding community which may have supplementary historical data be utilized</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

	the MOECC prior to utilizing the data.	<ul style="list-style-type: none"> <li><i>In 2013, the ministry replaced its particulate samplers with units that employ the standard method (Beachville Air Monitoring)</i></li> </ul> Particulate data samplers were employed August 2013. What is the acceptable length of time to provide sufficient data to qualify as historical?
Page 19	<b>7.2 Field Data Collection / Computer Modeling</b> Estimate the level of dust and air emissions from proposed waste disposal facility operations	Designated substances like asbestos and silica should be included in the modelling, especially if construction materials are being accepted at the landfill, and are required by the MOECC to be modeled <ul style="list-style-type: none"> <li>how the substances for modelling is determined;</li> <li>how do they rationalize the modelling number 23 substances when industries producing waste are held to a higher standard</li> <li>how do they compensate for future changing circumstances</li> <li>does this modelling include both solid and liquid waste</li> </ul>
Page 20	<b>FIELD DATA COLLECTION - SITE VISIT</b> Additional information was also collected during the three (3) technical sessions with the CLC in October of 2012, and March and April of 2013. This additional information was incorporated into the draft work plan where applicable.	<ul style="list-style-type: none"> <li>Include specific information received through input from CLC</li> <li>Identify where it was incorporated</li> <li>If it was deemed not applicable, explain reasons for not including</li> </ul>
	<b>DUST ASSESSMENT</b> In addition, a dust assessment will be made through an ambient monitoring program of existing (baseline) conditions. The dust assessment will include the emissions from the Carmeuse operations and traffic on-site.	Include details on when this monitoring will take place to ensure traceability that the response to input from CLC is captured:  <i>Q: What is the period of time would you collect the data in terms of weeks or months?</i> <i>A: We would collect the data over the summer months, which would be worst case conditions</i> <i>We want to make sure that we hit the maximum production of all the sites. If they are processing at a higher rate in the winter, we want to make sure we are accounting for the worst case scenario.</i> <i>Q: I have it on good authority that on cold winter days the dust is very</i>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

		<p><i>significant.</i></p> <p><i>A: We can definitely adjust the program, if you want to see measurements during the winter as well as summer to see if there is a difference. <u>It is something to note and we will include it in the draft work plan.</u> The background levels may go up and down seasonally a little bit, but the focus is more on the summertime. Your point is valid; there is merit to doing it throughout the year and spreading out throughout the seasons.</i></p>
Page 20	<p><b>AMBIENT DUST MONITORING</b></p> <p>Recently (2012), the three (3) stations have been reduced to two (2) stations. The historical data from the three (3) stations will be reviewed in order to determine any significance with the historical data from the station that was removed within the background and baseline evaluation process.</p>	<p>Update to reflect the most recent MOECC air quality report <a href="http://www.oxfordcounty.ca/Portals/15/Documents/Public%20Health/Beachville/MOECC%20-%20Beachville%20Air%20Monitoring%20Memo%20to%20HU%20.pdf">http://www.oxfordcounty.ca/Portals/15/Documents/Public%20Health/Beachville/MOECC%20-%20Beachville%20Air%20Monitoring%20Memo%20to%20HU%20.pdf</a></p>
	<p><b>7.3.1 Ambient Dust Monitoring</b></p> <p>If the data is not deemed as being representative or valid, RWDI would likely recommend additional monitoring to be completed around the existing Carmeuse site.</p>	<p>Include details of this monitoring:</p> <ul style="list-style-type: none"> <li>• How long would this additional monitoring last to qualify for “historical”</li> <li>• How will locations of monitors be established</li> <li>• How many monitors</li> </ul>
Page 22	<p><b>DUST DISPERSION MODELING</b></p> <p>In addition, RWDI staff will collect samples of surface material from roadway sweepings on designated onsite paved and unpaved roads at the facility. Samples will be collected using the United States Environmental Protection Agency (U.S. EPA) method outlined in the document “Appendix C-1 Procedure for Sampling Surface / Bulk Dust Loading”.</p>	<p>How are road sweepings on “unpaved” roads achieved? Appendix C-1 is not included in this document</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

Page 24	<p><b>7.4.1 Landfill Source Emissions Data</b></p> <p>Using the U.S. EPA’s LandGEM landfill gas emission estimation model is the most direct method to determine first-order emission rates of VOCs from the proposed landfill. It is also recommended by the MOECC; however, it can generate conservative estimates (i.e. overestimate) of VOC emissions. This could result in predicted levels in excess of the MOECC’s air quality standards, even with a proposed landfill gas collection system in place. For this assessment U.S. EPA default values for landfill gas constituents will be used.</p>	<p>The purpose of the EA Act is the <i>“betterment of the people of the whole or any part of Ontario by providing for the <b>protection</b>, conservation and wise management in Ontario of the environment”</i></p> <p>Disregarding MOECC standards in favour of the U.S. EPA default values because they <i>may</i> predicted levels in excess of the MOECC’s air quality standards implies that data can be adjusted for a more positive result and is a complete contradiction to the intent of the Act</p> <p>MOECC standards must be adhered to; our standards are more stringent</p>
Page 24	<p><b>7.4.2 Ambient Air Quality Monitoring</b></p> <p>Other sources within the facility may contribute to the VOC impacts off-site, such as the Carmeuse facility, and on and off-site traffic. In order to determine the cumulative effects from these sources, published emission factors will be used to determine maximum normal emissions. The emission rates from these sources will be combined with the proposed landfill sources to predicted maximum concentrations within the three defined study areas.</p>	<p>To ensure that the studies are replicable and traceable:</p> <ul style="list-style-type: none"> <li>• Include source(s) for <i>“published emission factors will be used to determine maximum normal emissions”</i>.</li> <li>• Provide specific details on how <i>“emission rates from these sources”</i> will provide an accurate measurement of air quality along the haul route or the wider area</li> </ul>
Page 25	<p><b>7.4.3 Landfill Gas Dispersion Modeling</b></p> <p>Once the emission rates have been calculated, the dispersion model will be used to calculate predicted concentrations for all 23 compounds of interest (19 VOCs and 4 Sulfurs) over a receptor grid surrounding the landfill.</p> <p>The contour plots will be produced only for the compounds, which are predicted to be above 50% of</p>	<p>This hides much of the data in the tables and does not give an accurate picture of the dispersion for all compounds.</p> <p>To provide a full representation of dispersion, all compounds must be reflected on the base maps</p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

	<p>their applicable air quality limits, on a map that includes the proposed site, local roads and residential properties. 10-minute, 1-hour, 24-hour and annual maximum concentrations will be illustrated using contours on provided base maps depending on the applicable standards and guidelines for comparison for contaminants 50% or greater of their applicable air quality limit.</p>	
Page 27	<p><b>HAUL ROUTE TRAFFIC ASSESSMENT</b>  This assessment will evaluate the impact of exhaust-related emissions from vehicles using the primary haul route to and from the landfill as well as the <u>dominant emergency detour route</u> for the baseline and a maximum of three future operating scenarios.</p>	<p>Proposing to do baseline and future operating scenarios for EDR. Please clarify the inconsistencies of doing a baseline on EDR and other proposed work plans</p>
Page 28	<p><b>DATA ANALYSIS</b>  The baseline and future predictions will be used to:</p> <ul style="list-style-type: none"> <li>• Compare modeling results to MOEMOECC air quality limits and guidelines;</li> <li>• Evaluate the environmental effects;</li> <li>• Recommend additional mitigation measures to prevent, change or mitigate adverse environmental effects, if required;</li> <li>• Describe and evaluate any environmental advantages and disadvantages; and,</li> <li>• Recommended monitoring, contingency plans and triggering mechanisms</li> </ul>	<p>Please indicate how climate change is incorporated into the data analysis</p> <p>Please clarify statement made CLC meeting #6:  <b>Q:</b> <i>Will you be correlating the projection data against eminent climate change projections?</i>  <b>A:</b> <i>No.</i></p>

## COMMENTS UPDATED DRAFT WORK PLAN AIR QUALITY

Page 29	<b>7.8.1.2 Threshold Wind Speeds</b> In a previous study, RWDI conducted wind tunnel tests on actual samples of residential and commercial waste to determine the threshold speed for wind-blown litter. The threshold speed was found to be approximately 22 km/h, as measured at 2 m above the surface.	Threshold Wind Speeds at 2 m above the surface lists the wind speeds that various waste products become airborne and the degree.  Include real time studies based on this specific area <ul style="list-style-type: none"><li>• The valley is a wind tunnel, so one should expect a fair degree of escape litter.</li><li>• The amount of escape litter will increase with time; as the landfill fills the surface will be less protected by the quarry depth</li><li>• This will be a nuisance issue that gets worse with time.</li></ul>
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## COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

PAGE	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 3	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.	Appendix B does not include comments all the comments on the work plan as presented in Record of Consultation containing comments on TOR <b>Appendix B must be amended to contain ALL comments on work plans</b>
Page 5	Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are proposed to be used in this EA	Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
Page 6	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	There is insufficient information on how this will be addressed <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul> <p>Ontario Ministry of Tourism Culture and Sports (MTCS) 2011 <u>Standards and Guidelines for Consultant Archaeologists</u> lists one purpose of archaeological assessment as <i>"to assess the degree of cultural heritage value or interest of identified archaeological sites"</i> <b>at the very minimum, interaction with the Cultural Heritage expert should be included</b></p>
Page 7	<b>STUDY AREAS</b> These study areas are not intended to be fixed. Flexibility is available to expand or contract study areas, depending on the study findings.	At no point is the minimum area of the study defined in specific terms Include: Criteria utilized to determine the need to expand or contract study areas
Page 8	<u>On-Site and in the Site Vicinity</u> The entire footprint of the proposed landfill site, including any servicing or support facility requirements	This is vague and non-descript, should be amended to: <ul style="list-style-type: none"> <li>• Undisturbed portions of the landfill site and buffer areas where there could be physical disturbances as a result of the proposed landfill</li> </ul>

## COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

		<ul style="list-style-type: none"> <li>• Site Vicinity includes the new proposed private road from County Rd 6 to the entrance of the site.</li> </ul>
	<p><u>Along the Haul Routes</u> The entire footprint of the proposed haul routes</p>	<p>This is vague and non-descript, should be amended to:</p> <ul style="list-style-type: none"> <li>• Includes any area along the haul route that requires construction on currently undisturbed lands</li> </ul>
<p>Page 9</p>	<p>The proposed study areas for this assessment are illustrated in Figure 2.</p> <p>Figure 2: Map depicting site and 1 km buffer zone</p>	<p>This is the identical map as presented on page 4 Figure 1: <u>Site location and surrounding area</u> with no specifics to study area</p> <p><b>Given that this map is presented as proposed STUDY AREAS this map does requires amending to include:</b></p> <ul style="list-style-type: none"> <li>• The entire haul route from exit 222 should be included allowing for any potential road widening that may be necessary</li> <li>• The proposed private road route going west on Carmeuse property from County Rd 6</li> <li>• The area in which the leachate management is proposed and buffer zone should be revised accordingly</li> </ul> <p>Map does not accurately depict Carmeuse landholdings and therefore does not include area proposed for leachate management which will be studied in under this work plan..</p> <p>In the draft work plan contained in the TOR submission it was stated: <i>“Note that this work plan may be amended or adjusted prior to the initiation of the assessment in order to properly accommodate the preferred alternatives that arise from that review”</i>. <b>These updated work plans are based on Walker’s preferred alternatives (page 10 Assumptions Facility Characteristics), this should have been amended prior to presenting for comments</b></p>

## COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

Page 9	<p><b>5. Indicators/Measures</b> Indices as described within the Standards and Guidelines for Consultant Archaeologists</p>	<p>The Code of Practice Consultation states that <i>“Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback guidance documents”</i>. By including ONLY technical information as indicators it excludes any meaningful feedback from the public. This is a clear contradiction of the collaborative and participatory approach to consultation intended in the Code.</p> <p>Should provide a list of the actual indicators that will be used to measure assessment criteria</p> <ul style="list-style-type: none"> <li>• Include a preliminary list of specific parameters that will be measured</li> <li>• What information will be required to meet these requirements</li> </ul>
Page 10	<p><b>6.1 Facility Characteristics</b></p> <ul style="list-style-type: none"> <li>➤ The entire footprint of the proposed landfill site, including any servicing or support facility requirements.</li> <li>➤ The entire footprint of the proposed landfill site, including any servicing or support facility requirements</li> </ul>	<p>This repetition of the same statement and the omission of <i>“haul routes”</i> is a clear example of lack of attention to detail that should be evident at this point in the process as the finalization of work plans is pending based on these drafts</p>
Page 11	<p><b>6.3 Climate Change</b> Minister’s amendment #12 to the Approved Amended Terms of Reference required that climate change should be considered in this environmental assessment. The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant.</p>	<ul style="list-style-type: none"> <li>• More specific information is required on how these assumptions will be considered</li> <li>• How is climate change relevant to archaeological resources</li> </ul>
Page 11	<p><b>7.1 Background Data Collection</b> The Stage 1 Background Study will include archival research into the known archaeological resources in the vicinity and the land use history of the study area.</p>	<p>This should be more specific to include definition of <i>“wider area”</i> (page 8 of work plan) <i>wider area Background research will consider <u>regional cultural developments and history</u> in order to establish a local context within which to identify and evaluate any archaeological resources encountered with respect to Cultural Heritage Value or Interest with due consideration for National, Provincial and local importance.</i></p>

## COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

	<p>This will include examination of the Land Registry Abstract Index, Municipal Tax Assessment Rolls, and Canada Census Records</p>	<p>The study area has potential for the identification of Aboriginal and Euro-Canadian archaeological resources. A review of the geography and history of the study area including transportation routes must be included</p>
	<p>Historic maps will be collected for the area and examined to determine the locations of structures and activity sites in the past which may indicate potential for associated significant archaeological deposits.</p>	<p>It should be noted that not all features of interest were mapped systematically in the Ontario series of historical atlases, given that they were financed by subscription, and subscribers were given preference with regard to the level of detail provided on the maps. Moreover, not every feature of interest would have been within the scope of the atlases</p>
	<p>The municipal planning department, local museums and local heritage organizations will be contacted to determine if there are known or previously documented features of heritage interest or value within the study area or immediate vicinity which might be associated with potentially significant archaeological deposits.</p>	<p>Section 1 of the MTCS Standards and Guidelines 2011 The Background Study must include research information from the following sources: <i>“reports of previous archaeological field work within a radius of 50m around the property”</i></p> <p>Include local history books as sources: <i>“The Axe and the Wheel”</i>( a history of West Oxford Township- by the West Oxford Women's Institute); <i>“From Forest to Farm”</i>( the story of North Oxford Township / by the North Oxford History Book Committee); <i>“History of North Oxford Township 1867-1967</i> (compiled by the North Oxford Centennial Project Committee in 1967)</p>
		<p>Background data collection is use to determine if there is any potential for the discovery of archaeological deposits</p> <ul style="list-style-type: none"> <li>• Water has been identified as the most important resource necessary for any extended human occupation or settlement. Include local information of primary and secondary water sources (rivers, streams, creeks, springs, marshes, swamps etc.)</li> <li>• Include local soil studies, hydrogeological studies as per MTCS guidelines</li> </ul>

## COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

Page 12	<p><b>7.2 Field Data Collection</b>  <u>Stage 1 Property Inspection</u> will document current conditions on the landscape in any areas potentially impacted by the proposed undertaking. Data collection during this Stage will include mapping of property characteristics using GPS and the photo documentation of the same characteristics. This data is used to illustrate conditions and to support choices for subsequent assessment strategies or to demonstrate a lack of potential for archaeological resources (such as steep slopes, low-lying wet areas, areas of deep prior disturbance, etc.).</p>	<p>MTCS Standards and Guidelines The Background Study must include research from the following sources</p> <ul style="list-style-type: none"> <li>• topographic maps at 1:10,000 (recent and historical) or the most detailed scale available</li> </ul>
	<p><u>Stage 2 Property Assessment</u>            In areas that cannot be ploughed, test pit survey methodology is used.</p>	<p>As this document was presented to the public for comments more clarify is required by using examples of areas that cannot be ploughed forested areas, woodlots, old pasture etc.</p>
Page 13	<p><b>8. Data Analysis</b>            Stage 1            In such cases there will normally be evidence of such archaeological deposits adjacent to the features or they will be otherwise documented. In summary, areas of no or low potential are subtracted from areas of potential to determine where archaeological assessment must be completed.</p>	<p>More information required as to how low potential areas are removed</p> <ul style="list-style-type: none"> <li>• What criteria is used</li> <li>• How much evidence in adjacent areas is sufficient for further investigation</li> <li>• What is the minimum amount of evidence in adjacent areas allowed before being removed from further investigation</li> </ul>
	<p>Stage 2            If archaeological resources are found, then a determination must be made as to whether the resource encountered may indicate more extensive or sensitive archaeological deposits, which warrant further study.</p>	<p>What are the criteria and indicators involved in this “determination”</p>
	<p>Isolated finds are commonly recovered during archaeological assessments. These are single artifacts, which are not part of larger archaeological sites. While these finds do indicate activity on the property in the past during certain periods of time, there is rarely any further data to be gained by additional study and normally</p>	<p>What is criteria for "isolated"            How many need to be recovered before it is deemed that further data could be gained by additional study</p>

# COMMENTS ON UPDATED WORK PLAN ARCHAEOLOGY

	recommendations are not made for further Stages of work.	
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## COMMENTS ON UPDATED CULTURAL HERITAGE WORK PLAN

PAGE	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 1	A copy of the earlier comments related to this work plan, along with Walker’s responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.	Appendix B does not include comments all the comments on the work plan as presented in Record of Consultation containing comments on TOR Appendix B must be amended to contain ALL comments on work plans
Page 2	Figure 1: Site location and surrounding area	<ul style="list-style-type: none"> <li>• map of Carmeuse landholdings is incorrect</li> <li>• needs to be amended to reflect changes in facility characteristics vs 2</li> </ul>
Page 4	<p><b>ENVIRONMENTAL ASSESSMENT CRITERIA</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
	From that list, the following are the primary environmental assessment criteria that are to be addressed in the Cultural Heritage Resources assessment, <u>along with examples of related issues heard by Walker during public consultation about the proposal:</u>	CLC Meeting #5 <i>“The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion”</i> . Given that these documents are being presented to the public for comment, the environmental criteria chart should include specific “examples of related issues heard by Walker during public consultation” to enable full understanding and traceability to those reviewing.
	Furthermore, this study may also potentially provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts. These studies may include Land Use, Social/Cultural and Visual/Landscape.	This statement indicates one of two things: <ol style="list-style-type: none"> <li>1. that the social and cultural assessments are a combined study</li> <li>2. that this was copied and pasted from a template with no attention to this current proposal</li> </ol>
	It should be noted that this is not a complete list of the expert studies that may use the findings of the Cultural Heritage Resources assessment. MHBC will make our findings available to all experts for use in evaluating any environmental criteria the individual experts determine as necessary.	There is insufficient information on how this will be addressed <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>

## COMMENTS ON UPDATED CULTURAL HERITAGE WORK PLAN

Page 5	<p><b>STUDY AREAS</b> These study areas are not intended to be fixed. Flexibility is needed to expand or contract study areas, depending on the study findings.</p>	We have serious concerns that at no point the minimum area of the study is defined in specific terms. Include criteria utilized to determine the need to expand or contract study areas must be included in the work plans
Page 6	The <u>site vicinity study area</u> comprises a one (1) kilometer catchment area in which it is anticipated that potential noise, dust, odour, and visual effects may be experienced.	Given that this is based on effects from air impacts this needs to be consistent with the air study. Air work plan states <i>On-Site and in the Site Vicinity study area 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can be anticipated.</i>
	<p><u>Along Haul Routes</u> The study area comprises a 100 metre area on either side of the route measured from the edge of the road right-of-way in which it is anticipated that potential noise, dust, odour, vibration and visual effects may be experienced.</p>	Given that this is based on effects from air impacts this needs to be consistent with the air study. <i>The along the haul route area for this will be limited to 500 metres on both sides of the proposed haul routes and dominant emergency detour routes as provided by the traffic consultant, and will apply only to the criteria related to fine particulate (landfill gas emissions are not created along the haul routes). This is based on the maximum extent of air quality effects that can be anticipated from typical roadway sources of emissions.</i>
	The proposed study areas for this assessment are illustrated below on Figure 2.	<ul style="list-style-type: none"> <li>• Carmeuse Landholdings boundary is inaccurate</li> <li>• Haul Route study area is not marked</li> <li>• All radius markings should be revised to incorporate changes to Facility Characteristics in V2 (leachate treatment)</li> </ul>
Page 7	<p><b>INDICATOR / MEASURES</b></p> <ul style="list-style-type: none"> <li>• Displacement of built heritage resources</li> <li>• Displacement of cultural heritage landscapes</li> <li>• Disruption of built heritage resources (both habitable and non-habitable)</li> <li>• Disruption of cultural heritage landscapes</li> </ul>	<ul style="list-style-type: none"> <li>• The Code of Practice Consultation states that “Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback”. A definition and specific examples of built heritage resources and cultural heritage landscapes needs to be included.</li> <li>• What measures are being used to determine disruption or displacement?</li> </ul> <p>Without the above information it is not replicable or traceable.</p>



## COMMENTS ON UPDATED CULTURAL HERITAGE WORK PLAN

Page 8	There are a number of statutes, regulations, policies and guidelines that have some bearing either directly or indirectly on the conservation and protection of cultural heritage resources as part of planning, land use and development activities. These are referenced in Section 9 of this work plan.	This is vague and nonspecific <ul style="list-style-type: none"> <li>• Include a preliminary list of specific statutes, regulations, policies and guidelines that will be utilized and their correlation to indicators</li> <li>• What information will be required to meet these requirements</li> </ul>
Page 8	<b>ASSUMPTIONS</b> Walker has provided an initial set of working assumptions regarding the design and operations of the proposed landfill (Facility Characteristics Report; November, 2016).	All assumptions based on Facility Characteristics must be updated to reflect the changes made in Facility Characteristics Report V2 2017)
Page 9	<u>Land Use Forecast</u> ➤ Details of existing land use conditions in the surrounding area.	No preliminary description of cultural heritage resources; this should be included in this work plan.
Page 10	<b>BACKGROUND DATA COLLECTION</b> Additional information about cultural heritage resources will be sought from the following sources and agencies	Include Ingersoll and District Historical Society
Page 11	It is also expected that through ongoing dialogue and engagement with community stakeholders that additional information respecting cultural heritage resources will be brought forward for consideration.	<ul style="list-style-type: none"> <li>• How will these consultations take place</li> <li>• At what point during the process will these happen</li> <li>• How will information be recorded and presented</li> </ul>
Page 12	<b>DATA ANALYSIS</b> All built heritage features and cultural heritage landscapes will be evaluated according to those criteria contained in Ontario Regulation 9/06 pursuant to the Ontario Heritage Act, as well as information available from the Ministry of Tourism, Culture and Sport, as well as Parks Canada related to cultural heritage landscapes	This is vague and nonspecific: <ul style="list-style-type: none"> <li>• Include a preliminary list of specific criteria and their correlation to indicators</li> <li>• What information will be required to meet these requirements</li> </ul> <p>Without the above information it is not replicable or traceable.</p>

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

PAGE	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 1	<p><b>1. Introduction</b></p> <p>A preliminary version of this work plan was circulated previously during the development of the Terms of Reference, and this current version has been updated to address comments received at that time from Aboriginal groups, government agencies, and the public.</p>	<p>As there is no recording and disposition of CLC comments on the work plans it feels like that input is being ignored.</p> <p>Should include all related input received during consultation both past and ongoing throughout consultation on work plans to ensure traceability on how comments and concerns are being addressed.</p> <p>There are several examples below that clearly indicate that input from CLC has not been summarized and incorporated.</p>
Page 2	<p><b>3. Environmental Assessment Criteria</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	<p>Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.</p>
	<p>From that list, the following are the primary environmental assessment criteria that are to be addressed in the ecological assessment, along with examples of related issues heard by Walker during public consultation about the proposal</p>	<p>CLC Meeting #5 <i>“The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion”</i>. Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during consultation fall into these criteria to enable full understanding and traceability to those reviewing.</p>
	<p>Loss or disturbance to terrestrial ecosystems Direct and indirect effects on habitats or species including significant natural heritage features in the County of Oxford*, species at risk or sensitive species and disruption of connectivity</p>	<p>Include migratory birds as raised by CLC</p>
	<p>Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts</p>	<p>There is insufficient information on how this will be addressed</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> </ul>

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

		<ul style="list-style-type: none"> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 4	<p><b>Table 3. Primary EA Criteria and Associated Duration</b>  <u>Loss or disturbance to terrestrial ecosystems.</u>  Rationale: Operational period Loss or disturbance, directly or indirectly (e.g., vegetation removal including of vegetation within areas of connectivity, dust, noise (traffic), could result in effects to terrestrial ecosystems</p>	<p>Does not sufficiently relate the concern raised by the CLC Meeting Oct 2012: <i>Given that pest control will be part of the landfill's ongoing operation, either through birds of prey, facsimile gunshot sounds or other methods, we request how these methods will affect native wildlife, birds and area be included</i></p> <ul style="list-style-type: none"> <li>• Disturbances should include operational activities</li> <li>• Terrestrial ecosystems should include animals</li> </ul> <p>It is uncertain if concerns raised by the CLC are captured in this section: <i>Concern about cover soil, any additional soils from offsite bringing in spores of invasive species</i></p>
	<p><u>Disease transmission via insects or vermin.</u>  Rationale: Insects and vermin attracted to a waste disposal facility may have the potential to transmit diseases or pathogens to humans</p>	<p>Include agricultural food chain: dairy, cattle, poultry and crops as raised by CLC at meeting # 15</p>
Page 5	<p><b>4. Study Areas</b>  Flexibility is available to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms  Include:  Criteria utilized to determine the need to expand or contract study areas</p>
	<p><u>On-Site and in the Site Vicinity</u>  Loss or disturbance to aquatic ecosystems  Loss or disturbance to terrestrial ecosystems (within 120 m)  Disease transmission via insects or vermin  Aviation impacts due to gull interference (within 500 m)  <u>Along the Haul Routes</u>  Loss or disturbance to aquatic ecosystems  Loss or disturbance to terrestrial ecosystems (within 50 m)  <u>Wider Area</u>  Loss or disturbance to aquatic ecosystems</p>	<p>WEG Community Exchange June 2013 states, <i>"The ecosystem is affected when the dust and other debris settles onto the land and water. These constituents are taken up by the plants and animals that live in the aquatic and terrestrial ecosystems"</i></p> <p>It is problematic that the ecology discipline relies on potential affects from air quality (noise, dust, odour, vibrations), are not more reflective of the proposed impact study areas from the air work plans. Air work plan states <i>On-Site and in the Site Vicinity study area 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can</i></p>

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

	Loss or disturbance to terrestrial ecosystems (within 1 km) Aviation impacts due to gull interference (within 20 km and 16-60 km).	<i>be anticipated.</i>
Page 6	<b>Table 4. Primary Criteria and Associated Study Area</b> Loss or disturbance to aquatic ecosystems	Needs to be updated to include changes in Facilities Characteristics V2 The proposed location of treatment facility is northwest of the proposed landfill footprint. The proposed discharge location is in the vicinity of the treatment plant and to the Patterson-Robbins Drain (locally called Cemetery Creek).
	<u>Loss or disturbance to terrestrial ecosystems</u> Haul Routes – within 50 m of route Rationale: The haul route (portions on Carmeuse Property) may include natural or semi natural areas, direct effects can be anticipated within approximately 50 m	If the old railway line area is being used for haul route portions on (Carmeuse property), any disturbance to that area during construction may cause release of contaminants into surrounding terrestrial and aquatic ecosystems (Cemetery Creek) from potential build-up of creosote and coal ash from steam engines that used the track
	<u>Disease transmission via insects or vermin</u> On site and Vicinity – the actual waste disposal area is the potential source, the potential receptors are the nearby residential communities and farmland	On site and site vicinity is listed as within 120 m The associated study area needs to be expanded to reflect concern raised by CLC on several occasion, bus tour, meetings and tech workshop: <i>bird control will send unwanted birds off to other areas, this produces the potential for impacts to cemetery, schools, parks and agricultural operations</i>
Page 9	<b>5. Indicators/Measures</b>	The Code of Practice Consultation states that “ <i>Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback</i> ”. As per email to Walker Nov 2012 found in Record of Consultation: <b>Q:</b> <i>Will the final Ecological Work Plan be explained in a way that the general public can understand?</i> <b>A:</b> <i>Joe Lyng: We believe all our information should be presented in a manner that can be understood by people who are not proficient in the individual fields.</i> While the indicators and measure presented are reflective of the expectations of industry reviews; for those not proficient it is unclear what is to be assessed, why it will be assessed, how it will be assessed and what information will be used to establish if there is an anticipated

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

		<p>environmental effect</p> <ul style="list-style-type: none"> <li>➤ It should also be noted that the Summary (plain language) version on website is still unclear</li> <li>➤ By including ONLY technical information it excludes any meaningful feedback from the public.</li> </ul>
	Note: A 10% degree of change in aquatic ecosystems may not be appropriate for all effects indicators, but is intended as a starting point and will be re-evaluated when meaningful data have been collected.	<ul style="list-style-type: none"> <li>• how will this be determined</li> <li>• what parameters will be used to evaluate</li> </ul>
Page 10	<u>Disease transmission</u> Literature review and professional judgment will be used to confirm pathway for transfer of pathogens	It should be noted that professional judgement can be subjective Include what this “professional judgement” is based on
Page 11	<u>Aviation impacts due to gull interference</u> Airport Bird Risk Assessment Process (ABRAP) for the Woodstock, Tillsonburg Regional and London International Airports	<p>It is unclear if concerns from CLC are captured in this section Please convey where the following concerns are addressed</p> <ul style="list-style-type: none"> <li>• With regards to bird strikes Ornge [Ontario Air Ambulance] helicopter flies from Woodstock Hospital directly into London and travels right over Beachville</li> <li>• There is also police helicopters and low flying planes with inspectors checking service line using infrared that fly over the area that wouldn't fall under Woodstock or Tillsonburg airports</li> <li>• Also there is Bresleau Airport helicopter pilot training facility</li> </ul>
Page 0		<p>The page numbering in this document goes from 1-11 and then starts again at page 0 The lack of proof reading and attention to these details does little to instill confidence that the proposed undertaking will achieve protection of our environment.</p>
Page 0	<b>6.1 Facility Characteristics</b> Walker has provided an initial set of working assumptions regarding the design and operations of the proposed landfill	Facility Characteristics must be updated to reflect the changes made in Facility Characteristics V2 (March 29 2017)

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

	(Facility Characteristics Report; November, 2016).	
	Leachate will be treated in balancing/pre-treatment ponds prior to being discharged directly or indirectly to the Thames River, and will meet the following minimum/maximum criteria	<p>Please explain how this criteria is applicable</p> <ul style="list-style-type: none"> <li>• The criteria in this document are based on operational data from Walker’s East and South Landfills. “Proposed Walker South Landfill Design and Operations Report; Gartner Lee Limited; September, 2006”</li> <li>• Leachate at the Thorold location is treated to meet sewer use by-law for Niagara Region and then pumped to a municipal WWTP</li> <li>• The SW landfill FC V2 includes Following pre-treatment in the aeration pond(s), the <u>leachate will be pumped to the leachate treatment facility</u> that will utilize a combination of physical, chemical, and biological treatment process technologies to treat the leachate prior to discharge to the environment.</li> <li>• Criteria for effluent discharge is determined on the receiving waters and listed in the CoA for the treatment facility and is NOT the same as a sewer use discharge</li> </ul> <p>This is a technical discipline demanding thoroughness and accuracy. Updating work plans based on incorrect assumptions is grossly irresponsible and suggests that the expert neglected to considered this area and this proposal when updating</p>
Page 1	<p><b>6.2 Land Use Forecast</b></p> <p>In order to address cumulative effects, in accordance with the methodology set out in Section 8.2 of the Approved Amended Terms of Reference, this study will compare the potential effects of the proposed landfill at its different stages of development to the forecast baseline conditions at that same period of time (i.e., the “do nothing” alternative). In order to guide the forecasting of future baseline conditions...</p>	<ul style="list-style-type: none"> <li>• Land Use forecast should contain statement of flexibility for new circumstances as an application for site plan amendment has been submitted and waiting for a decision</li> <li>• The land use planning forecast should include a preliminary description of ecological features as existing conditions</li> </ul>
Page 1	<p><b>6.3 Climate Change</b></p> <p>Minister’s amendment #12 to the Approved Amended Terms of Reference required that climate change is considered in this</p>	Should include trends in increased frequency and severity of extreme weather events over the past 20 years (snow, rain, wind, drought, ice storms etc.). These trends would all have a significant impact on the

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

	environmental assessment. The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant	ecological community and must be considered in the impact assumptions.
Page 2	<p><b>7.1 Background Data Collection</b></p> <p>A comprehensive background review will be undertaken to gather existing natural heritage information regarding the three study areas. This will include at least the following documents and sources for background data</p>	Include local groups such as Ingersoll and District Nature Club; Oxford Trail Committee and other local groups who may have first-hand knowledge of natural heritage
Page 3	<p><b>Sampling Locations</b></p> <p><u>Watercourses</u></p> <p>Sampling sites within watercourses were selected based on the watercourse classifications described in the Oxford Natural Heritage Study (ONHS) (Oxford County 2006). The ONHS categorizes the watercourses within the project study area into three system types: Type 1, Type 2 or Type 3. Table 6 provides the criteria for each of these system types and <u>Figure 1 depicts the system types within the vicinity of the study area.</u></p>	<p>Figure 1 included in this document is Site Location</p> <p>It is our supposition that this is referring to the Sample Sites Location map included in work plan included in TOR submission</p> <ul style="list-style-type: none"> <li>• It should be noted that the map of sample sites in TOR submission does not include the Centreville Conservation Area that was pointed out on the bus trip as an area of significant ecological value including Woodland Vole, snapping turtles, a unique aquatic and terrestrial environment</li> </ul> <p>Neglecting to include essential information precludes any meaningful feedback from the public. This is a clear contradiction of the collaborative and participatory approach to consultation intended in the Code.</p>
	Sampling sites were selected based on their proximity to the landfill site and their potential for effects (Figure 1). Two sampling sites were selected downstream of the landfill site to determine the downstream extent of potential impacts from the proposed landfill. <u>Reference sites for each system type have also been identified.</u>	See comment above

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

	<p><u>Lakes/Ponds</u>          Sampling sites within lake and pond habitats will be selected based on the physical characteristics of the waterbody, and will be <u>determined by the final project layout</u> and the property owner. The number and location of the sampling sites will be dependent on overall surface area, water depth, slope profiles, substrates and aquatic macrophyte distribution. Sampling sites will be distributed through waterbodies <u>where there is a potential for an interaction with the project and will be representative of the habitat conditions present.</u></p>	<p>Facility characteristics doc was presented in Jan 2017 which is the basis for these studies, this work plan should include preliminary sampling sites of the lake to elicit comments and feedback</p> <p>It has been established that the quarry lake would be assessed Oct 2012 CLC meeting:  <b>Q:</b> <i>The experts will study that lake</i>  <b>A:</b> <i>Joe Lyng Yes.</i>          The statement “<i>where there is a potential for an interaction with the project and will be representative of the habitat conditions present</i>” is contradictory to what the CLC was told.</p>
Page 5	Field data of quantitative base flow data and water quality parameters will be obtained from the groundwater/surface water work team.	Note: this needs to include water quality and quantity of Patterson Drain (Cemetery Creek) proposed to be used for effluent
	<p><u>Species at Risk</u>          The potential for mussel SAR will be identified and if their presence is considered likely, a survey will be conducted according to the protocol designed by Mackie et al. 2008. As per comments provided by the MNRF, mussel surveys will focus on habitat assessments, as <u>active species surveys can cause significant adverse effects to individuals.</u></p>	<p>Include criteria for identifying potential for mussels</p> <p>Sampling for Benthic Invertebrate includes a <i>travelling kick and sweep method</i> and the “<i>survey would be preserved and identified by an aquatic entomologist to the family level.</i>” Given that mussels are located in the mud, the benthic invertebrate survey will obtain not only secure insects out of the mud but also mussels, it is unclear how these two surveys will interact.</p>
		<p>Data from an Upper Thames publication “the Thames River Watershed” includes data on Thames as having <i>40% of Canada’s endangered species live here.</i></p> <p><b>Endangered, Threatened, At Risk species should be included in assessment</b></p>



## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

<p>Page 7</p>	<p><u>Crow Roost</u> Existing information supplemented with two late fall field visits will be used to determine the location of crow roosts in the landscape within a distance where the birds may interact with the landfill. These data will be used to ascertain the risk of large numbers of crows using the proposed landfill and they will also assist in the bird-aircraft risk assessment</p>	<p>By focusing on “crows”; it is unclear if experts are acknowledging information presented from the CLC: <i>There is a large turkey vulture roost along the railway tracks along the south end of the current quarry site (Line 33). CLC bus tour</i></p>
<p>Page 7</p>	<p><u>Winter Wildlife Use and Incidental Wildlife Observations</u> Winter visit will be made in January <u>within 48 hours of a snow fall</u> to document winter use of the site and haul study areas. This will consist primarily of tracking and habitat assessment.</p>	<ul style="list-style-type: none"> <li>• How much snowfall is prerequisite to carry out this study</li> <li>• <b>This is highly insufficient given the input provided from this community</b> <ul style="list-style-type: none"> <li>➤ As per concern raised at CLC meeting Feb 2017: <i>“I would like to know how they are going to gather information. I've lived along that river for 30 years and there are not sightings every day, I would like an answer about how they are going to if they have to see these things...how is a short, infrequent sampling going to see a weasel or mink?”</i></li> <li>➤ There is a preponderance of wildlife presence provided by the CLC and the community: deer, rabbits, coyote, fox, groundhog, woodland vole, beaver, raccoon, skunk, long tailed weasel, fisher, muskrat, possum, mink, badger, black, gray, and red squirrels, chipmunks etc; this is grossly deficient to sufficiently assess the wildlife in the area.</li> <li>➤ Other similar proposals by comparison include a more detailed and substantive assessment, example- Taggart Miller: <i>Two mammal surveys will be conducted at the Site, planned between April and October. Track counts are often the most feasible method for surveying large mammals. In addition to track/sign/scat surveys, as well as incidental observations, infrared cameras will be deployed to identify mammal activity at the Site. Data will be downloaded from these cameras during visits to the Site.</i> It is our understanding that</li> </ul> </li> </ul>

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

		<p>proponents should be working within the EA process with some consistency for similar projects. It makes no sense to us that Taggart Miller would be doing things as part of their landfill EA that Walker would not be expected to do in our community.</p>
	<p>Stick nests of raptor species or herons will also be noted at this time for follow-up in the field season. During the entire field program incidental observations of all wildlife species will be documented and reported.</p>	<ul style="list-style-type: none"> <li>• A nest survey does not tell the story.</li> <li>• There are frequent sightings of Blue Herons Bald Eagles and Osprey. Birds of prey have huge feeding territories. Even though their rookery is nowhere near Beachville, they do fish the Thames often. There have been many observations of them cruising over this stretch of flood plain looking for supper.</li> <li>• Concern that sampling may not occur at right time which could easily conclude that there are none in the area.</li> </ul>
		<p>Section 4.0 EXISTING CONDITIONS of Land Use Planning doc (May 2017) states: <i>“Agriculture in Oxford County has maintained its position as an extensive user of land and an industry of significant importance to the local economy. Approximately 91 percent of agricultural land in the County is within Classes I, II and III agricultural land capability and in 2001, 89 percent of the total County land base was devoted to agricultural production”</i></p> <p><b>The health and quantity of pollinators is a serious concern. Given the focus on pollinators is a priority to the MOECC, it is prudent to include an assessment of pollinators (bees, butterfly, dragonfly etc.) in this work plan especially given work plans for similar proposals have included them</b></p>
Page 8	<p><u>Bird Hazards</u> The survey program will occur over four seasons.</p>	<p>Work plan must include some definition of “season”</p> <ul style="list-style-type: none"> <li>• When do seasons begin and end</li> <li>• Is there an incident or observation that triggers the beginning/end of a season</li> <li>• Will seasonal information be collected during a complete season be split up doing a partial study one year and completing in the next</li> </ul>

## COMMENTS UPDATED DRAFT WORKPLAN ECOLOGY

Page 9	<u>8. Data Analysis</u>	Include details of how climate change will be considered during data analysis should be included in work plans.
Page 11	Professional judgement will be used to describe and discuss effects. This is based on team experience with similar projects and on knowledge of conditions at the scale of each of the three project study areas. Professional judgement is frequently used to help assess effects in the ecological assessment	It should be noted that professional judgement can be subjective

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

PAGE	UPDATED WORKPLAN	CONCERNS/COMMENTS
Page 3	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.	Appendix B does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code
Page 5	<p><b>3. Environmental Assessment Criteria</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
	From that list, the following are the primary environmental assessment criteria that are to be addressed in the economic and financial assessment, along with examples of related issues heard by Walker during public consultation about the proposal	CLC Meeting #5 <i>"The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion"</i> . Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during consultation fall into these criteria to enable full understanding and traceability to those reviewing.
	<p><u>Displacement/Disruption of Businesses (including tourism and farms)</u></p> <ul style="list-style-type: none"> <li>• Physical displacement and disturbance to local businesses (including tourism) and farms.</li> <li>• Product and produce contamination</li> <li>• Stigmatization of tourism opportunities, local business products and produce</li> </ul>	It is unclear what constitutes the definition of "disturbance". Please include more specifics or rationale Example: disrupt a business through nuisance effects or traffic effects (Oct 2012 CLC meeting)
	<p><u>Indirect and Induced Employment</u></p> <p>Indirect and induced job creation and economic contribution to the local, regional and provincial economies through the construction and operation of the proposed landfill.</p>	<p>Page 21 of work plan states: <i>Use of the proposed landfill may also be extended to the area municipalities and should this be the case there may be economic implications to these municipalities.</i> This scenario would also include potential loss of jobs due to tipping fee competition between municipal landfill and Southwestern</p> <p>Include the potential loss of jobs at Salford landfill if affected due to private IC&amp;I users who normally use Salford move to Walker</p>

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

Page 5	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	<p>There is insufficient information on how this will be addressed</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 7	<p><b>4. Study Areas</b> Flexibility is available to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms Include: Criteria utilized to determine the need to expand or contract study areas</p>
	<p>The “<u>Site Vicinity</u>” will include all properties within or bisected by a two (2) kilometre radius line from the proposed landfill’s “On-Site” study area boundary. This is the area within which there is a greatest potential for nuisance effects such as dust, odour and noise. To be more conservative, this area has been</p>	<p><b>There is no indication in these plans that site vicinity has been revised to incorporate statements made during consultation</b></p> <p>From CLC Meeting Oct 2012: <b>CLC:</b> <i>Right, so my recommendation would be that you do include Ingersoll in that site vicinity study, I'd like to see that, and probably periphery around the entire town due to the fact that I think this is probably, you're going to have a denser concentration of businesses</i> <b>A:</b> <i>I think the map provoked discussion, provoked some good comments from yourselves, and we'll amend it</i></p> <p>From CLC tech workshop: <b>A:</b> <i>Today we heard some other concerns about study areas, so we will probably be extending that again. Q: Actually, I think just a - no part of Ingersoll was to be left out, I think was one of the comments as well, so you had responded and extended it to include Ingersoll as well. A: Yes, absolutely.”</i></p>

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

	<p><u>Along the Haul Routes</u> The haul route study area includes all properties within approximately 500 m on either side of the Highway 6 running north from the interchange at Highway 401 to the proposed landfill site entrance.</p>	<p>This needs to include any route of new road within Carmeuse Landholdings as agricultural land may be lost</p>
	<p><u>Wider Area</u> For some of the analysis dealing with municipal finance and provincial effects the broader wider areas will encompass the County of Oxford and in some cases the Province.</p>	<p>Section 5 of this work plan, Indicators/Measures includes “<i>Federal and provincial taxes created by construction and operation of the proposed landfill</i>”; the wider area should include “<i>in some cases the Province and Country</i>”.</p>
	<p>The proposed study area for this assessment are illustrated in Figures 2, 3 and 4.</p>	<p>The maps (Figure 3 &amp; 4) presented to CLC for consultation at March meeting were reversed The work plan that is presented on the website dated March 10 is now a corrected version with no indication that this has been changed another example of things being updated without notification</p>
Page 9	Figure 1: Site location and surrounding area	<p>The Carmeuse landholdings depicted in this map is inaccurate. A corrected map has been available on the Walker website since March 25, 2016, long before these work plans were updated.</p>
Page 10	Figure 2 Local Study Area	<p>Site Vicinity map page Figure 4 has NOT been updated to reflect the inclusion of the entire Town of Ingersoll as indicated at CLC meeting Oct 2012 (see comments on site vicinity page 4 above)</p>
Page 11	Map Figure 4	<p>Please check spelling of “Golden Horseshoe”</p>
Page 13	<p><b>5. Indicators/Measures</b> Displacement/Disruption of Businesses (including farms and tourism related businesses)</p>	<p>It is unclear how these indicators reflect the statements made by expert at Oct 2012 CLC meeting:</p> <ul style="list-style-type: none"> <li>• <i>We want to look at what - we want to look at this project in the context of your community, so if it's an impedance to businesses that might have located here, we would want to understand that.</i></li> <li>• <i>We would certainly want to be looking at the sustainability</i></li> </ul>

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

		<p><i>agendas of each of the municipalities, and we would want to be looking at, frankly, whether or not there's a misfit of this project and a misalignment of this project with those aspirations or whether there's a potential alignment</i></p>
<p>Page 13</p>	<p>Public Costs for Indirect Liabilities</p> <ul style="list-style-type: none"> <li>• Municipal costs imposed as a result of public infrastructure and services required to enable development and operation of the landfill.</li> </ul> <p>In still other instances the economic consequences of landfill development may only be gauged in qualitative order of magnitude terms (i.e. potential for spin off businesses).</p>	<p><b>Include costs of delays as per Tech workshop</b>  Public costs re: delays due to emergency vehicles slowed in traffic  <i>“we would have to look at the cost of delay, so the cost of delay could be with respect to health care, or the cost of delay could be the economic value of a person's time. There are statistics that are available for those types of analyses, so if it's required, that's where we would go to try and get them, and there's health care costs that one can tap, and there's certainly the economic costs of time delay”</i></p> <p><b>Include costs to people’s livelihood</b>  Comment in Record of Consultation:  <i>I am concerned about the Beachville Fire Department as they are volunteers &amp; have to respond to all the accidents in the area. My concern is for their health &amp; for their ability to have a job to earn a living if they are always cleaning up after an accident.</i></p> <p><b>It is unclear if the following concerns raised by CLC is included:</b></p> <ul style="list-style-type: none"> <li>• <i>Evaluate the connection between HHRA and Economic Impact assessment in criteria table regarding potential economic impacts on area health system. as per business arising</i></li> <li>• <i>Clarify question – is there a mental health study being done? As per business arising</i></li> </ul> <p>Status on both: will be referred to the Economic expert</p>
		<p>Include criteria used to determine these measures</p>

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

Page 14	<b>6.1 Facility Characteristics</b>	Facility Characteristics must be updated to reflect the changes made in Facility Characteristics V2 (March 29 2017)
Page 15	6.2.1 Aggregate Operations Carmeuse Lime (Canada) Limited's will continue to hold licenses #2130, #2120 and #2136	There is no license # 2120 within the Carmeuse Lime landholdings in Beachville it should read #2129
	...mining will continue in a southerly direction within license #2136 through to approximately 2025.	"through to 2025" ...this is not realistic unless they increase the extraction rate significantly
	The entrance/exit to County Road 6 and the haul route will remain unchanged over the 30 year time period.	There is an application on the EBR that would include an entrance on the east side of County Rd. 6 into licence # 2130. If this application is approved the assumption and any significant impacts from an additional entrance must be updated/included in the studies
Page 16	6.2.2 Population, Housing and Employment There are no plans to provide municipal services to the Village of Beachville. The Village of Beachville, and Rural Cluster of Centerville will only experience very limited growth through infilling.	June 2016 County Council had a motion for a study involving water and wastewater servicing study for Beachville to commence in 2017. The motion was deferred awaiting a report from Public Works. This requires updating depending on results
Page 17	<b>7.1 Background Data Collection</b> Municipal Information <ul style="list-style-type: none"> <li>➤ Municipal Financial Information Returns</li> <li>➤ Municipal Budgets</li> </ul>	Increased traffic accidents and use of emergency services to deal with such accidents need to be included and considered
Page 19	<b>7.2 Field Data Collection</b> Business Inventory – field identification and mapping of area businesses	<ul style="list-style-type: none"> <li>• Identification should include specific information on businesses (number of employees, type of business, number of employees who commute from out of community, future plans for growth, trends etc.)</li> <li>• Should include all agricultural related businesses as described in CLC meeting Oct 2012 <i>mapping trends in agriculture ...so we want to make sure that we cover the gamut here so that we really understand the agriculture, what makes it tick, what doesn't make it tick, and what are the trends. What are the trends in agriculture and what are the opportunities that they're</i></li> </ul>



## COMMENTS ON UPDATED WORK PLAN ECONOMIC

		<i>looking for, and whether or not this is in synch with those things</i>
	Business Survey – Face to face or telephone interviews	<ul style="list-style-type: none"> <li>• How will it be determined which businesses are interviewed face to face vs telephone</li> <li>• What percentage of businesses will be interviewed</li> <li>• What is the minimum participation results required to be considered for an industry recognized analysis</li> </ul>
	In-field Surveys – general reconnaissance of area to note current conditions and changing circumstances and routine reconnaissance of the study area to note real estate listings and property sales	Include agriculture as presented CLC meeting Oct 2012: <i>course infield reconnaissance surveys really just continually driving the study areas, making sure that we see what's happening in the area, looking at trends, looking at what's going on...What are the trends in agriculture and what are the opportunities that they're looking for, and whether or not this is in synch with those things.</i>
	Key Stakeholder Interviews	Include municipal officials involved in providing services to the landfill (e.g. transportation, emergency services, etc.)
Page 20	<b>8. Data Analysis</b> Business Effects Interview and survey data will be compiled using both <u>quantitative and qualitative</u> means to determine the potential effects on local business.	It is unclear how quantitative and qualitative is determined
	<u>Property Value Impact Analysis</u>	It is uncertain if concern raised by CLC (Oct 2012) is contained: <i>So I would really like to capture that that commercial and farm value, agricultural value, along the entire agricultural value chain.</i>
Page 21	<u>Cost to Customer Analysis</u> Economic modelling will be used to examine the cost to customers of the current waste disposal regimes and the cost to customers given the proposed landfill. This economic analysis will be order of magnitude to reflect the implications to the southern Ontario customer base of a domestic landfill opportunity and reduced haul distances relative to the current situation of	The Oxford County Landfill in Salford currently accepts IC&I waste from private sector. Consideration of loss of customer base to County facility through competing tipping fees.

## COMMENTS ON UPDATED WORK PLAN ECONOMIC

	trucking waste across the border to Michigan.	
Page 22	These common receptor locations may include those locations that represent the following	More clarification and specific details need to be included to define how these receptors will be identified (see next 5 comments below)
	Businesses or business areas nearest the proposed landfill (nearest residential locations to the north, south, east and west of the site)	Is this one receptor per cardinal point?
	Businesses or business areas along the haul route;	At what intervals?
	Residences or residential areas, including farms or agricultural areas	Nearest? How many?
	Community or institutional facilities nearest the proposed landfill (e.g., schools, community centres, hospitals, cemeteries)	How many of each type of facility?
	Areas or places with a potential view of the proposed landfill	The proposed landfill is in a quarry, in the bottom of a river valley basin: <ul style="list-style-type: none"> <li>• Include criteria for identifying areas or places with potential view</li> <li>• Include details on how input from the public will be taken into account in establishing views</li> </ul>
	Recreational areas nearest the proposed landfill (e.g., parks, conservation areas, trails);	Nearest? How many?
Page 22	Recommendations to mitigate and/or otherwise manage potential economic/financial effects will consider the following types of actions or measures	<ul style="list-style-type: none"> <li>• Should be expanded to better explain how net effects on the environment will be measured and how mitigation measures will be identified</li> <li>• It should be made clear that the assessment will take into account both direct and indirect effects</li> </ul>
	The overall goal of these <u>social</u> impact management measures is to ensure...	Should read “economic”


## COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

PAGE	UPDATED WORK PLAN	COMMENTS/CONCERNS
Page 1	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B	Appendix B includes comments and responses from MOECC, UTRCA, JMPRCC and WEG. This does not include comments on work plan received from CLC, interested persons or community groups. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code.
Page 3	Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.	Please explain referring to the criteria and indicators as <b>APPROVED</b> ? Criteria and indicators can change during an EA to reflect new information or changes to assumptions.
Page 3	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	There is insufficient information on how this will be addressed <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 5 DURATIONS	Post closure: The time after the site is closed to waste receipt. Activities are normally limited to operation of control systems, routine property maintenance and monitoring, and thus have a more limited range of potential effects.	As leachate generation with elevated concentrations of parameters and landfill gas generation can occur for a significant time past the regulatory post-closure period; the duration of the post-closure period should specify the "contaminating lifespan" of the proposed undertaking as required by Ontario Regulation 232/98: Landfill Standards.
Page 7 STUDY AREAS		Concerns raised by community members included the potential for water contamination in culverts and agricultural drains along the haul route from increased truck traffic (Some air pollutants and particulate matter from cars can be deposited on soil and surface waters. Studies show that concentrations of heavy metals are higher near heavily travelled roads; heavy metals bio-accumulate in the food chain and can become toxic to humans). <b>Please indicate where in your Criteria chart and associated study areas this will be addressed</b>

## COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

Page 7	Flexibility is needed available to expand or focus study areas, depending on the study findings.	At no point is the minimum area of the study defined in specific terms Include: Criteria utilized to determine the need to expand or focus study areas
Page 9	The proposed study areas for this assessment are illustrated in Figure 1	Page 9 refers to map of study areas yet no map appears in work plans
Page 10 INDICATORS & MEASURES		<p>The work plan has not provided indicators and measures but has instead provided links to relevant guidance documents. At this point in the process there needs to be more substantive information (indicators and measures). <i>“The groundwater/surface water assessment work plan proposes indicators/measures which are mostly acts, regulations or guidelines. By themselves these are too generic.”</i>- Scott Abernethy Ministry TRT</p> <ul style="list-style-type: none"> <li>• Should provide a list of the actual indicators that will be used to measure assessment criteria</li> <li>• What information will be input and output from the modelling</li> <li>• Include a preliminary list of specific parameters that will be measured</li> <li>• What contaminants are being assessed and how</li> <li>• How will criteria be compared and weighted?</li> </ul> <p>Include - Water Quantity Risk Assessment (Tier 3 Water Budget), March 2014 as per UTRCA recommendation</p>
Page 14 CLIMATE CHANGE ASSUMPTIONS	The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant	Storm frequency and severity will trigger a change in capacity to manage storm water. Include your climate change assumptions with regard to frequency and severity? How do these assumptions compare to those used by UTRCA?
Page 15 BACKGROUND DATA COLLECTION – GROUNDWATER	Key groundwater-related features identified by the community (e.g. the Community Liaison Committee tour, and other public inputs and comments).	Given that results of public inputs have never been posted <ul style="list-style-type: none"> <li>• Include comprehensive list of features identified</li> <li>• What methods will be utilized to allow additional input once the list is presented?</li> </ul>

## COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

<p>Page 15 BACKGROUND DATA COLLECTION- SURFACE WATER</p>	<p>Key surface water related features identified by the community (e.g. the Community Liaison Committee tour, and other public inputs and comments)</p>	<p>Given that results of public inputs have never been posted</p> <ul style="list-style-type: none"> <li>• Include comprehensive list of features identified</li> <li>• What methods will be utilized to allow additional input once the list is presented?</li> </ul>
	<p>Flood Regulation mapping and supporting hydraulic/hydrologic models for the Thames River, available from the UTRCA.</p>	<p>Include flood protection / zones on area for proposed road on Carmeuse property as indicated with black dots on picture below</p> 
<p>Page 16 GROUNDWATER FIELD DATA COLLECTION</p>	<p>...numbers and locations of sampling points and the analytical parameters will be determined based on the results of the review of available background information and information on the proposed design alternatives for the landfill</p>	<p>Include the parameters for siting those points</p>
	<p>Drill boreholes in the bedrock and overburden at representative locations on the Site to characterise site geological and hydrogeological conditions, including potential surface water and groundwater interactions;</p>	<p>Include how siting of boreholes will be determined</p>
<p>Page 17 SURFACE WATER FIELD DATA</p>	<p>A preliminary Site reconnaissance will be conducted by Golder staff (hydrologists/water resources engineers) to delineate the On-Site site and Site</p>	<p>Include Haul Route (see comment Study Areas Page 1 above)</p>

## COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

COLLECTION	Vicinity drainage networks, watersheds and sub-watersheds and confirm the information from available sources.	
	An inventory of surface water uses will be assembled using municipal, conservation authority and MOE records (e.g., Permits to Take Water), supplemented by field inspection of surface water uses at key receptor points.	Include how these receptors point will be determined
Page 19 DATA ANALYSIS – GROUNDWATER	Based on the proposed conceptual design and the results of predictive modelling of landfill performance that incorporates any in-design mitigation measures, an evaluation of the potential hydrogeological effects will be completed.	<ul style="list-style-type: none"> <li>• It should be made clear that the assessment will take into account both direct and indirect effects</li> <li>• Expand to better explain how advantages and disadvantages will be evaluated</li> <li>• Include how mitigation measures will be identified.</li> </ul>
Page 20 MODELLING	An estimate of the quality and quantity of any discharges from the landfill and/or the leachate treatment system will be provided for the purposes of the EA. Based on the conceptual design document, future surface water runoff and peak flows and quality conditions associated with the proposed landfill will be predicted and assessed (utilizing the hydrological computer model). These predictions will be compared to existing conditions and changes and potential adverse effects (i.e., on flooding, erosion and water quality) on downstream water courses will be identified.	re: Climate Change - The ECA for discharge into a waterbody is based on receiving water. Given that Climate Change can produce low water levels, which would result in an overloading of effluent components into the receiving water; please include how this will be assessed/identified.
Page 21 EFFECTS ASSESSMENT	Finally, the prediction of the effects of future environmental conditions on Surface Water, considering all mitigation measures, will take place.	<ul style="list-style-type: none"> <li>• Expanded to better explain how net effects on the environment will be measured</li> <li>• Include how mitigation measures will be identified.</li> </ul>

## COMMENTS UPDATED DRAFT WORK PLAN GROUND & SURFACE WATER

	The remaining effects or 'net effects', if any, will be documented. The outcome of this step will be presented in tables documenting the <u>net effects</u> for each environmental component.	
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### Questions and comments on reference Material Facilities Characteristics posted to website April 6, 2017

- It appears that 4 locations have 1 deep cored well plus 3 shallower ones that are not cored. Concern that the wells are not deep enough and they should all be cored.
- All locations should have at least 1 well that is consistent with the deepest borehole and they should be cored in order to better detect any Karst.
- Holes drilled by air rotary method will not detect Karst unless it is a significantly sized fissures.
- Borehole/well monitoring #2 appears to be along the 35<sup>th</sup> line. Will this be located on the berm? If so will depths be adjusted to compensate for the difference in depth from ground level?
- Area for leachate management is included on Figure 1, please explain why there is no proposed boreholes/wells in that area as it is undisturbed by quarry operations so there is no historical data to rely on.

## COMMENTS UPDATED WORK PLAN HEALTH

PAGE	UPDATED WORK PLAN	COMMENT/CONCERN
Page 1	1.0 INTRODUCTION Figure 1-1 Proposed Southwestern Landfill Site Location	Map needs to be updated <ul style="list-style-type: none"> <li>• Map must indicate the changes made in Facilities Characteristics Report V2, specifically the change to leachate treatment area which is outside of the original footprint.</li> <li>• Map should accurately depict boundary of Carmeuse Landholdings, posted website March 25, 2016</li> </ul>
PAGE 2	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.	<ul style="list-style-type: none"> <li>• Appendix B does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code</li> <li>• This should also include items listed in "business arising" reports from CLC meetings</li> </ul>
Page 3	Walker will prepare and provide a set of initial design and operating assumptions for the landfill prior to the initiation of the assessment, and following its review of alternatives <sup>1</sup> . Walker will also prepare and provide a forecast of future land use assumptions for the purposes of projecting future environmental baseline conditions. <sup>1</sup> Note that this work plan may be amended or adjusted prior to the initiation of the assessment in order to properly accommodate the preferred alternatives that arise from that review.	This has not been updated from the work plan submitted with the TOR. The HHRA and SHR is a discipline that requires accuracy and thoroughness and this lack of attention to details is discouraging
Page 4	<b>3.0 ENVIRONMENTAL ASSESSMENT CRITERIA</b> Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are proposed to be used in this EA.	Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions
	From that list, the following are the primary environmental assessment criteria that are to be addressed in the Human Health Risk Assessment, along with examples of related issues heard by Walker during public consultation about the proposal	CLC Meeting #5 <i>"The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion"</i> . Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during



## COMMENTS UPDATED WORK PLAN HEALTH

		consultation fall into these criteria to enable full understanding and traceability to those reviewing.
	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	<p>There is insufficient information on the interactions between the experts</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 6	<p><b>5.0 STUDY AREAS</b> Flexibility is available to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms Include: Criteria utilized to determine the need to expand or contract study areas</p>
	<p><u>On-Site and in the Site Vicinity</u> the Site Vicinity will also include the local area where surface water discharge from the Site is currently permitted (i.e., the Thames River) and where the groundwater may potentially be drawn down to below original water levels, due to the existing and proposed activities at the Site (i.e., quarrying).</p>	This should include the quarry lake
Page 7	<p><u>5.1 Receptor Locations</u> These common receptor locations may include those locations that represent the following:</p>	<ul style="list-style-type: none"> <li>• More clarification and specific details need to be included to define how these receptors will be identified <ul style="list-style-type: none"> <li>➤ Is this one receptor per cardinal point</li> <li>➤ At what intervals</li> <li>➤ Nearest</li> <li>➤ How many</li> <li>➤ How many of each type of facility</li> </ul> </li> <li>• Reference Material Facilities Characteristics posted to website April 6, 2017 includes a map indicating buildings and other local features. It would have been advantageous for those commenting to see this map with receptors located to elicit meaningful response</li> </ul>

## COMMENTS UPDATED WORK PLAN HEALTH

Page 8	<p><b>6.0 INDICATORS/MEASURES</b> A detailed discussion of the various regulatory benchmarks used to evaluate air and groundwater concentrations of each of the Chemicals of Potential Concern (COPCs) is provided in <u>Section 8</u> of this document.</p>	<p><b>Section 8 of this work plan is Data Collection</b> 8.0 DATA COLLECTION 8.1 Background Data Collection 8.2 Field Data Collection</p>
Page 10	<p><b>8.0 DATA COLLECTION</b> <u>8.1 Background Data Collection</u> All background and predicted future air concentrations for the relevant COPCs will be provided by the Air Quality Study. The Air Quality Study will also provide deposition rates for relevant COPCs which will be used by the HHRA Study Team to predict other exposure media concentrations (e.g., surficial soil, home garden soils, home garden produce, agricultural food chain, etc.).</p>	<p>From Set 2013 CLC meeting and carried over in “business arising”: <i>Provide a report on health trends based on information available from local, provincial and federal sources that pertains to this region as soon as possible, and be made available for the human health risk assessment and to the CLC.</i> Walker response: <i>A summary of community health status will be provided as part of the Health Assessment report based on health summary statistics available from the local MOH and relevant provincial agencies (e.g., Cancer Care Ontario).</i> <b>This information should be included as part of the background data collection</b></p>
Page 15	<p><b>9.0 DATA ANALYSIS</b> Dermal exposure pathways</p> <ul style="list-style-type: none"> <li>• Dermal contact with COPCs in soil and dust</li> </ul>	<p>Include dermal exposure from <b>water</b> CLC meeting April 2017 <i>impacting on aquatic resources, could be people swimming there</i></p>
	<p><u>Ingestion exposure pathways</u></p> <ul style="list-style-type: none"> <li>• Ingestion of COPCs in soil and dust</li> <li>• Ingestion of COPCs in drinking water</li> <li>• Ingestion of COPCs via consumption of backyard garden produce</li> <li>• Ingestion of COPCs via consumption of local livestock</li> </ul>	<p>It is unclear if this addresses the health related to Food chain concern raised CLC meeting Sept 2013 <i>Well, the intention is to do an agricultural food chain, both dairy, cattle and <u>crops</u> as well. CLC: You haven't noted that in your plan, though, not that I noticed.</i></p> <p>Include ingestion of fish populations as it relates to human consumption</p>
	<p><u>9.2 Selection of COPCs for Quantitative Analysis</u> It is common practice (within the context of an HHRA) to limit the number of chemicals evaluated to those that, due to their environmental concentrations, distribution, or chemical and toxicological properties, have the greatest potential to contribute to health risks to individuals</p>	<p><b>The CLC has serious concerns that a limited list may overlook potential health risks from materials from C&amp;D materials in the landfill</b> Page 28 of this work plan: <i>This is to ensure that the project considers protection of community health with respect to development and operations.</i></p>

## COMMENTS UPDATED WORK PLAN HEALTH

	<p>residing in the study area... In the case of the current assessment, these include the criteria air contaminants, as well as those 23 compounds of interest in landfill gas,</p>	<p>Regulation 490/09 Designated Substances – List both silica and asbestos in relation to the employer’s duty to protect their own workers. If Walker is accepting any materials (C&amp;D broken up and pushed around the dump they would release silica and asbestos particulate) that are included in Reg. 490/09. This has the potential to seriously impact not only Walker employees but neighbouring Carmeuse employees working in the same area</p> <p>Health effects may be significant if portions of the PM 2.5 dispersing off site was to be designated substances Reg 490/09. The dust criteria used by the air experts is, aside from pm10 and pm2.5 sized particulate, is really only assessing heavy metals (Arsenic, Cadmium, Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Selenium, Vanadium, and Zinc), but there are many more ‘dust’ compounds that should be added to the study (refer to the AAQCs list link below)  <a href="https://www.ontario.ca/page/ontarios-ambient-air-quality-criteria-sorted-chemical-abstracts-service-registry-number#footnote_1">https://www.ontario.ca/page/ontarios-ambient-air-quality-criteria-sorted-chemical-abstracts-service-registry-number#footnote_1</a></p>
	<p>It is preferable to comprehensively evaluate a smaller number of chemicals, which represent the greatest concern to people living in the area under consideration, than it is to conduct a less detailed risk assessment on a larger number of chemicals.</p>	<p>More detail is required on how these “smaller” number of chemicals is determined</p> <ul style="list-style-type: none"> <li>• What criteria is used</li> <li>• Is there a minimum</li> </ul>
<p>Page 18</p>	<p><u>9.2.4 Developing the Final List of COPCs for Inclusion in the Quantitative HHRA</u>  As previously discussed, acute, sub-chronic, and chronic health risk estimates (via inhalation only) will be evaluated for all chemicals where an appropriate health-based regulatory air standard or toxicity value can be identified</p>	<p>See comments 9.2 Selection of COPCs for Quantitative Analysis above</p>

## COMMENTS UPDATED WORK PLAN HEALTH

Page 20	<p><u>9.3.1 Exposure Assessment</u> <u>Exposure Scenarios</u></p> <p>In developing an exposure scenario, a variety of factors are considered including: potential for human access to specific areas or environmental media; physical activities / behavioural patterns; time spent in contact with exposure media (e.g., soil); other potential sources of exposure to COPCs; lifestyle factors (e.g., local produce consumption, fishing, and other uses of natural resources); and the potential of sensitive sub-populations or sensitive locations within a community (e.g., children at school, playgrounds; nursing homes).</p>	<p>It is unclear if combinations of exposure scenarios will be considered, example a hiker who has experienced heart disease who regularly eats local produce</p>
	<p><u>Day Care / School Scenario:</u></p> <p>Both preschool and older children who may attend nearby day care, local schools and/or community centres will be evaluated. While at school, day care or a community centre, it will be assumed that children may play outdoors and come into contact with air, native soils and dust. While indoors, children should be assumed to come into direct contact with indoor dust, etc.</p>	<p>A concern posed by the CLC Oct 2012 (ecology presentation) included birds being scared off from landfill using pest control methods landing in parks, playgrounds or backyards and potentially spreading disease. This should be included in the scenario.</p>
Page 26	<p><b>11.0 SUPPLEMENTARY HEALTH REVIEW</b> <u>11.1 Process Overview</u></p> <p>The screening step, which determines whether or not a health assessment is going to be conducted has already been completed, i.e., this health assessment is included in the EA. The scoping step, which identifies those determinants to be included in the SHR, has also been completed. The final list of determinants was selected based on Dr. Neal's recommendations, in collaboration with Public Health Ontario (PHO), and included consideration of the public comments received from the Human Health Risk Assessment (HHRA) workplan.</p>	<p>As per email to Walker Nov 2012 found in Record of Consultation: Joe Lyng: <i>We believe all our information should be presented in a manner that can be understood by people who are not proficient in the individual fields.</i></p> <p><b>The timeline included in this is confusing. It is unclear if work has already been completed or the author is speaking in the future tense.</b> NOTE: It is our understanding that work is still in progress (see below).</p> <p>From CLC meeting April 2017: <i>we still have to sit down and finalize things. We haven't met with-, we're at the process, right now, to sit down with the medical officer of health and the, the peer reviewer, as well...Well, I, based on the timeline, I think we're about to go into consultations with the medical officer of health and the reviewer as well as the Ministry reviewers at the</i></p>

## COMMENTS UPDATED WORK PLAN HEALTH

		<i>same time. I think it's in the next month or so.</i>
	<p><u>Since the HHRA workplan has already been finalized and approved</u>, this component will not change and will follow the well-established HHRA process for assessing toxicological outcomes from exposure to various environmental media.</p>	<p>It is our understanding that work plans will not be finalized until after consultation has been conducted as that work plans do not require approval. Please explain this discrepancy.</p>
Page 28	<p>All of the work associated with the HHRA and the Supplemental Health Review, along with related comments from Drs. Neal and Hillis, and from any other stakeholders, will be documented including Walker's responses and resolution, as applicable.</p>	<p>Given that the responses/comments will be directly related to the work and findings, why would the responses come from Walker and not directly from Intrinsic Corp?</p> <p>How and when will this be presented</p>

## COMMENTS ON UPDATED WORKPLAN NOISE AND VIBRATION

PAGE	UPDATED WORK PLAN	COMMENTS/CONCERNS
Page 1	<p><b>INTRODUCTION</b></p> <p>A copy of the earlier comments related to this work plan, along with Walker’s responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.</p>	<p>This does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code</p>
Page 3	<p><b>ENVIRONMENTAL ASSESSMENT CRITERIA</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	<p>Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions</p>
	<p>From that list, the following are the preliminary environmental assessment criteria that are to be addressed in the Noise and Vibration assessment, along with examples of related issues heard by Walker during the public consultation about the proposal.</p>	<p>CLC Meeting #5 “The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion”. Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during consultation fall into these criteria to enable full understanding and traceability to those reviewing.</p>
Page 4	<p>RWDI will make our findings available to all experts for use in evaluating any environmental criteria the individual experts determine as necessary.</p>	<p>There is insufficient information on how this will be addressed</p> <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 5	<p><b>STUDY AREAS</b></p> <p>Flexibility is needed to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms            Include:            Criteria utilized to determine the need to expand or contract study areas</p>

## COMMENTS ON UPDATED WORKPLAN NOISE AND VIBRATION

	These common receptor locations may include those locations that represent the following	<ul style="list-style-type: none"> <li>• More clarification and specific details need to be included to define how these receptors will be identified (see next 4 comments below)</li> <li>• Most of these receptor locations limit themselves to the category of 'nearest', which, given the location of the quarry, would put most of them within a kilometer of the site, potentially leaving much of the proposed 5 km study area without receptors</li> </ul>
	Residences or neighbourhoods nearest the proposed landfill (nearest residential locations to the north, south, east and west of the site)	Is this one receptor per cardinal point?
	Residences or neighbourhoods along the haul route	At what intervals?
	Businesses or commercial/industrial areas, including farms or agricultural areas	Nearest? How many?
	Community or institutional facilities nearest the proposed landfill (e.g., schools, community centres, hospitals, cemeteries);	How many of each type of facility?
	Areas or places with a potential view of the proposed landfill	<p>The proposed landfill is in a quarry, in the bottom of a river valley basin:</p> <ul style="list-style-type: none"> <li>• Include criteria for identifying areas or places with potential view</li> <li>• Include details on how input from the public will be taken into account in establishing views</li> </ul>
Page 6	<p><b>INDICATORS/MEASURES</b></p> <p>Indicators identify how the potential environmental effects will be measured for each criterion. The following is the indicator that is proposed for the primary EA criteria to be addressed in this assessment</p>	<p>The Code of Practice Consultation states that "Any documentation prepared for review by the public should avoid technical jargon in order to facilitate understanding and promote useful and informed feedback".</p> <p>As per email to Walker Nov 2012 found in Record of Consultation:  <b>Q: Will the final Ecological Work Plan be explained in a way that the</b></p>

## COMMENTS ON UPDATED WORKPLAN NOISE AND VIBRATION

		<p><i>general public can understand?</i></p> <p><b>A:</b> <i>Joe Lyng: We believe <u>all</u> our information should be presented in a manner that can be understood by people who are not proficient in the individual fields.</i></p> <p>While the indicators and measure presented are reflective of the expectations of industry reviews; for those not proficient it is unclear what is to be assessed, why it will be assessed, how it will be assessed and what information will be used to establish if there is an anticipated environmental effect</p> <ul style="list-style-type: none"> <li>• It should also be noted that the Summary (plain language) version on website is still unclear</li> <li>• By including ONLY technical information it excludes any meaningful feedback from the public.</li> </ul>
Page 8	<p><b>5.4 VIBRATION SOURCES</b></p> <p>There are no anticipated sources of vibration associated with on-site proposed operations of the landfill site.</p>	<p>What is this statement based on</p> <p>How can this be determined until after the studies are complete</p>
Page 9	<p><b>6.1 FACILITY CHARACTERISTICS</b></p>	<p>This needs to be updated to reflect changes in Facilities Characteristics V2</p>
Page 13	<p><b>7.2.1 FIELD DATA COLLECTION</b></p> <p>To accomplish this, the proposed landfill plans will be reviewed, <u>a site visit will be conducted (including a tour of the adjacent neighbourhoods with the Community Liaison Committee)</u>, and aerial photographs, engineering plot plans of the area, and up-to-date zoning maps from the Municipality will be reviewed. In September of 2012, the CLC, Walker and the technical team completed a site tour and detailed discussions regarding the surrounding area. The CLC presented a review of the area and provided community information with respect to historical relevance for a number of local tourist sites, recreational areas, future developments, and local historical and significant areas in the immediate vicinity of the proposed site.</p>	<p>It is unclear if there is a future tour planned with the CLC or they are relying on input from past tour.</p> <p>For a discipline that is highly technical this lack of attention to detail is unsettling</p>



## COMMENTS ON UPDATED WORKPLAN NOISE AND VIBRATION

Page 14	<p>From these, noise sensitive receptors, up to a maximum of 10 points of reception, representative of worst-case potential noise impacts (due to the combination of low ambient sound levels and potentially high level from proposed landfill) <u>will be selected for detailed reporting.</u></p>	<p>It was indicated at the Oct 2012 meeting that the CLC would have input on these receptors. The potential receptors on page 5 of work plan do not present us with enough information for effective comments.</p> <p>Input from CLC on receptors? From CLC meeting Oct 2012</p> <p><b>Q:</b> <i>I am still stuck on the maximum of 10 discrete receptors. You are talking about this matrix of receptors where there are going to be thousands of them.</i></p> <p><b>A:</b> <i>We are picking 10 locations to focus a more detailed analysis on.</i></p> <p><b>Q:</b> <i>How are those chosen?</i></p> <p><b>Q:</b> <i>When you say ‘choose as a group’ do you mean with the CLC?</i></p> <p><b>A:</b> <i>Yes. We can create a draft list of potential receptor points and circulate the list to the group, so it can give you an idea of some of the areas.</i></p>
	<p>Therefore, for the existing and future predicted road traffic volumes along the identified haul routes, provided by the traffic consultant, in the form of <u>hourly traffic counts</u>, will be used to verify applicable noise background levels.</p>	<p>From Traffic work plan: <i>Existing and historical traffic counts (intersection turning movement counts and 24-hour automatic traffic recorder counts); ...Traffic turning movement counts will be collected at all key intersections along the preferred haul route where existing data are unavailable.</i></p> <ul style="list-style-type: none"> <li>• There is no commitment to perform traffic counts but rather rely on existing or historical counts where available.</li> <li>• Traffic counts must be based on new data.</li> </ul>
Page 15	<p>Measurements of noise emission levels from individual items of Cameuses’ existing equipment will be conducted. Equipment to be measured will include all heavy equipment items, including crushers, screening plants, haul trucks, rock drills, etc.</p>	<p>Include blasting</p>
Page 16	<p><b>7.2.2 NOISE MODELING</b> During construction of the proposed landfill cells (e.g. excavation, liner installation, etc.);</p>	<p>Include: construction of road leachate treatment plant</p>

## COMMENTS ON UPDATED WORKPLAN NOISE AND VIBRATION

Page 17	<p><b>7.2.2.1 NOISE MODELING FOR PROPOSED LANDFILL AND EXISTING &amp; FUTURE CARMUESE OPERATIONS</b></p> <p>Noise impacts for <u>three representative years</u> (or scenarios) of operational life, representing different stages of landfilling,</p>	<p>Facility Characteristics 1.2 Site Development Stages lists each of the 4 stages of the landfill as “<i>will last about 5 years at maximum filling rates</i>”.</p> <p><b>Modelling should be based on 5 representative years to coincide with the 5 years in FC doc</b></p>
Page 18	<p>The future proposed operations for the Carmeuse Quarry will be reviewed and included in the evaluation based on information provided by Carmeuse site.</p>	<p>The current site plan for Carmeuse operations licence 2136 (phase 3) is under application for amendment approval</p>
Page 19	<p><b>8. DATA ANALYSIS</b></p>	<p>How climate change will be considered during data analysis, mitigation measures etc. should be included in work plans</p>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

PAGE	UPDATED WORK PLAN	COMMENT/CONCERN
Page 1	<p><b>INTRODUCTION</b></p> <p>A copy of the earlier comments related to this work plan, along with Walker’s responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.</p>	<p>Appendix B does not include comments on work plan received from CLC on the work plans from meetings, tech workshop, bus trip, comments on TOR or other consultation. Not including ALL input received and illustrating where/how it was incorporated is contrary to the clear, logical and traceable approach intended in the Code</p>
Page 2	<p><b>3. ENVIRONMENTAL ASSESSMENT CRITERIA</b></p> <p>Appendix A contains a complete list and detailed descriptions of the approved environmental assessment criteria that are to be used in this EA.</p>	<p>Please explain referring to the criteria and indicators as APPROVED? Criteria and indicators can change during an EA to reflect new information or changes to assumptions</p>
	<p>From that list, the following are the primary environmental assessment criteria that are to be addressed in the economic and financial assessment, along with examples of related issues heard by Walker during public consultation about the proposal</p>	<p>CLC Meeting #5 “The issues raised by the community are translated into the issues, all these issues are assigned to an EA criterion”. Given that these documents are being presented to the public for comment, the environmental criteria chart should include what issues raised during consultation fall into these criteria to enable full understanding and traceability to those reviewing.</p>
Page 3	<p>Changes to Community Character/Cohesion</p>	<p><b>Include effects from health care providers exiting or not moving to area</b></p> <p>Input from CLC meeting #9 January 2013  <i>“I’m thinking of a conversation I had with somebody who shared with me that he had been at the hospital, was there for some help, and a couple of the nurses and a couple of the doctors indicated to him that they would not stay in this community should that landfill come to town, and that was really alarming to hear because the loss of health care providers in a small community is hugely significant”</i></p>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

Page 4	It should be noted that the above list is not a complete list of the criteria and experts that may use the findings of the Social Assessment. SLR will make our findings available to all experts for use in evaluating any environmental criteria that individual experts determine as necessary.	There is insufficient information on how this will be addressed <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> <li>• Include details on how input from the public will be taken into account in establishing indicators</li> </ul>
Page 4	<p><b>STUDY DURATIONS</b></p> <p>For each of the primary criteria to be addressed in this study, two durations (or time frames) will be considered in which potential environmental effects can occur</p>	<p>In the primary criteria under Changes to Community (pg. 3 work plan)</p> <p>Character/Cohesion, issues raised from public states, <i>“The community has already experience adverse impact following the announcement of Walker’s intentions to develop a landfill”</i></p> <p><b>How will this be evaluated and where does it fit into the study durations?</b></p>
Page 5	<p><b>4.0 STUDY AREAS</b></p> <p>Flexibility is available to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms</p> <p>Include:</p> <p>Criteria utilized to determine the need to expand or contract study areas</p>
	<p>The <u>“Site Vicinity”</u> will include all properties within or bisected by a two (2) kilometre radius line from the proposed landfill’s “On-Site” study area boundary. This is the area within which there is a greatest potential for nuisance effects such as dust, odour and noise. To be more conservative, this area has been</p>	<p><b>There is no indication in these plans that site vicinity has been revised to incorporate statements made during consultation</b></p> <p>From CLC Meeting Oct 2012:</p> <p><b>CLC:</b> <i>Right, so my recommendation would be that you do include Ingersoll in that site vicinity study, I'd like to see that, and probably periphery around the entire town due to the fact that I think this is probably, you're going to have a denser concentration of businesses</i></p> <p><b>A:</b> <i>I think the map provoked discussion, provoked some good comments from yourselves, and we'll amend it</i></p>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

		<p>From CLC tech workshop:  <b>A:</b> <i>Today we heard some other concerns about study areas, so we will probably be extending that again. Q:</i> <i>Actually, I think just a - no part of Ingersoll was to be left out, I think was one of the comments as well, so you had responded and extended it to include Ingersoll as well. A:</i> <i>Yes, absolutely."</i></p>
	<p>All work plans include the statement: <i>Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.</i></p>	<p><i>Air work plan states On-Site and in the Site Vicinity study area 5 kilometres from the proposed landfill. This is based on the maximum extent of air quality effects that can be anticipated.</i>  <b>Why is site vicinity not more reflective of air studies?</b></p>
Page 8	<p><b>5.0 INDICATORS/MEASURES</b>  Disruption to Use and Enjoyment of Residential Properties  <i>Note: Results from other discipline analyses will be used to determine the magnitude of change in nuisance effects. Results from the traffic assessment will be used to assess the potential effects along the Emergency Detour Routes (EDRs).</i></p>	<p>There is a discrepancy between the various work plans with regard to alternative routes/EDR</p>
Page 10	<p><b>ASSUMPTIONS</b>  <u>6.2 LAND USE FORECAST</u>  Carmeuse Lime (Canada) Limited's will continue to hold licenses #2130, #2120 and #2136</p>	<p>There is no license # 2120 within the Carmeuse Lime landholdings in Beachville it should read #2129</p>
	<p>...mining will continue in a southerly direction within license #2136 through to approximately 2025.</p>	<p>"through to 2025"...this is not realistic unless they increase the extraction rate significantly</p>
	<p>The entrance/exit to County Road 6 and the haul route will remain unchanged over the 30 year time period</p>	<p>There is an application on the EBR that would include an entrance on the east side of County Rd. 6 into licence # 2130. If this application is approved the assumption and any significant impacts from an additional entrance must be updated/included in the studies</p>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

Page 11	<p><u>6.2.2 POPULATION, HOUSING AND EMPLOYMENT</u>          There are no plans to provide municipal services to the Village of Beachville. The Village of Beachville, and Rural Cluster of Centerville will only experience very limited growth through infilling.</p>	<p>June 2016 County Council had a motion for a study involving water and wastewater servicing study for Beachville to commence in 2017. The motion was deferred awaiting a report from Public Works. This requires updating depending on results</p>
Page 11	<p><b>DATA COLLECTION</b>  <u>7.1 BACKGROUND DATA COLLECTION</u>          Secondary data review will involve the collection and review of reports, mapping and other information available from a variety of publicly available sources, including: members of the CLC...</p>	<ul style="list-style-type: none"> <li>• How will the CLC be consulted on this?</li> <li>• Is there a tracking list of input already received from CLC?</li> </ul>
Page 12	<p><u>7.2 FIELD DATA COLLECTION</u>          Ingersoll residents living in the neighbourhood nearest the Project site (i.e., Northeastern Ingersoll)</p>	<p>Where is the division for “Northeastern Ingersoll” as many on Charles Street and southern end will be potentially affected by nuisance effects such as dust, odour, noise and view</p>
Page 13	<p>Due to the size of the local population the questionnaire will be distributed to a sample of households within the Site Vicinity. It is proposed that across the entire Site Vicinity Area, a sample of approximately 25% of these households (1 in every 4 residences) would receive a mail out questionnaire. An attempt will be made to sample more households closer to the site and in areas where the greatest potential for impacts are anticipated (i.e., within 500 m of the landfill and along the haul route). It is intended that the survey be completed by those people who actually reside at the location, targeting heads of households or persons over 18 years of age.</p>	<p>The CLC has maintained that given the animosity in the community regarding this proposal, that it will be difficult to get people to participate in surveys</p> <ul style="list-style-type: none"> <li>• What response rate is acceptable for scientific purposes?</li> <li>• Consider an online version</li> </ul> <p>CLC suggested other forms of consultation in addition to surveys to collect data.          Response from Meeting Oct 2012  <i>TW: Well we'll be part - certainly a part of the consultation activity as part of the EA that are set up by Walkers and that may take that information centre format where experts would be available for that sort of interaction as well.</i>  <b>Where is this reflected in data collection in the work plans?</b></p>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

Page 13	<p><u>7.2.3 SITE NEIGHBOUR INTERVIEWS</u> Additional households may be interviewed depending the proximity of homes to each other at the locations above. For example, it may be appropriate to interview not only the property owners / occupants at the nearest residential location, but also the neighbouring households.</p>	Should include farms and farm businesses
	<p><u>7.2.4 PUBLIC ATTITUDE RESEARCH</u> The survey will be designed for approximately 65 questions (including open-end questions) and would take less than 20 minutes to administer.</p>	We have concerns about the effectiveness of this approach, a 20 minute survey is a rather lengthy commitment from the community
Page 14	The questionnaire itself will be designed with input for other key disciplines (e.g., economic, agriculture) and pre-tested. All data collected through this technique will be reported in the Social Assessment report in summary format	<p>This section originally stated: <i>The questionnaire itself will be designed with input for other key disciplines (e.g., economic, agriculture) and following consultation with the CLC and/or other members of the public regarding key themes to be addressed.</i></p> <p>Page 56 CLC meeting #9 CLC requested an opportunity to review final draft of specific surveys for this particular community before actual implement or make use of those instruments. Response: TW: <i>I can say that that would be useful for us. I'll leave it to Walker to look at how that could be incorporated into the schedule.</i> JL: <i>...it's not part of the Terms of Reference, so when we're actually into the environmental assessment program, and absolutely I think it's fair that the community - that people who are interested in seeing that before we use them get a chance to review them, yeah.</i></p> <p><b>This needs to be more specific to the CLC's involvement in consultation on survey before implementation</b></p>
Page 15	<p><u>7.2.6 Facility Operator and Key Stakeholder Interviews</u> Interviews will be conducted with key stakeholders such as sports and recreation clubs, community facilities (with or without outdoor components), community groups (e.g., Local Environmental Non- Government Organisations (ENGOS). These will be qualitative interviews. Potential groups and facilities within the study area identified for interview include, but are not limited to</p>	<ul style="list-style-type: none"> <li>• Why were school and day care facilities and accommodation facilities removed from this version?</li> <li>• If you removed schools, why is Royal Roads still included?</li> <li>• IDCI sports training close to the site and snow mobile trails were mentioned during bus tour, why was this left off?</li> </ul>

## COMMENTS ON UPDATED WORK PLAN SOCIAL

<p>Page 16</p>	<p><u>7.2.7 Day User Recreation Surveys</u>  A roving survey of day users of recreation facilities such as hiking trails and outdoor recreation and conservation areas will be conducted, these interviews will be used to ascertain the extent to which people use and enjoy these facilities and the extent to which the proposed landfill may affect this. Key facilities within the study area include (but are not limited to):</p>	<p>Work Plan submitted with TOR included: <i>Identification of facilities to conduct surveys at will be developed in conjunction with the Community Liaison Committee (CLC) to ensure that areas of concern to residents are included.</i>  What has happened between submission of TOR and now to remove CLC from identification of facilities to conduct surveys?</p>
<p>Page 19</p>	<p><b>DATA ANALYSIS</b>  These common receptor locations may include those locations that represent the following</p>	<p>More clarification and specific details need to be included to define how these receptors will be identified</p> <ul style="list-style-type: none"> <li>• Is this one receptor per cardinal point?</li> <li>• At what intervals?</li> <li>• Nearest? How many?</li> <li>• How many of each type of facility?</li> </ul>



## COMMENTS ON UPDATED WORK PLAN TRAFFIC

PAGE/ SECTION	UPDATED WORKPLAN	CONCERNS/COMMENTS
Introduction Page 3	A copy of the earlier comments related to this work plan, along with Walker's responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B (Appendix B will be added to this work plan prior to the final version).	We are being asked to comment on updated plans by April 15, 2017. It would have been easier to see the rationale for revisions had Appendix B been available for those commenting to follow along in a traceable and logical way. Appendix B should be released concurrently with the updated work plans
Figure 1	Map showing radius from proposed site	This map is confusing. Given this is the traffic work plan, including the radius implies the study area. This map is not consistent with the map presented in the TOR (fig 5). The radius doesn't include County Rd 6 the identified route from the 401  Figure 1 needs to be identified as to what it is representing. A map showing study area should also include the radius of proposed route. Map does not accurately depict Carmeuse landholdings which may be relevant in internal haul routes.
Section 3 Page 6 Criteria	Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.	There is insufficient information on how this will be addressed and cross tabulated <ul style="list-style-type: none"> <li>• Indicators from other disciplines need to be included to ensure traceability</li> <li>• Include an explanation of how they will be cross tabulated</li> </ul>
Section 3 Page 6 Criteria		Walker, in their comparative evaluation of haul routes included criteria 20 as there are potential for <u>changes to community character/cohesion</u>  Change to community character and cohesion as a result of haul route <b>should be included as a criterion and include:</b> <ul style="list-style-type: none"> <li>• Potential for stigmatization of local community by impacts of haul routes.</li> <li>• Consequent behavioural changes (e.g., changes in use and</li> </ul>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

		<p>enjoyment of community features and events) due to traffic congestion</p> <p>This analysis should include an assessment of the reduced capacity, level of service and quality of service for other road users along the roadway sections as well as at specific intersections.</p>
<p>Section 3 Page 7 Time period</p>	<p>Operational Period: The time during which the waste disposal facility is constructed, filled with waste, and capped. These activities are combined since they occur progressively (i.e., overlap) on a cell-by-cell basis, and they have a similar range of potential effects (e.g., there is heavy equipment active on the site).</p>	<p>Proposed private road will be connecting to County Rd 6. The construction will affect Traffic on County Rd 6</p> <p>Traffic impacts during the construction of new road as it connects to County Road 6 need to be included</p>
<p>Section 4 Page 7 Study Area</p>	<p>Along the haul routes: The primary route along which waste disposal facility truck traffic moves between a major provincial highway and the waste disposal facility site entrance, plus the properties directly adjacent to these roads.</p>	<p>From PRT Disposition page 140 <i>Other routes to destinations in the local area should also be examined, even though they are not the primary routes, to assess impacts related to their use.</i> Walker's response: <i>Agreed</i></p> <p>Given that Walker “agreed” to the comment from PRT, this concern needs to be included in the work plan</p>
<p>Page 7</p>	<p>These study areas are not intended to be fixed. Flexibility is available needed to expand or contract study areas, depending on the study findings.</p>	<p>At no point is the minimum area of the study defined in specific terms Include: Criteria utilized to determine the need to expand or contract study areas</p>
<p>Page 8</p>	<p>A meeting with the MTO is also proposed to convey and discuss public concerns regarding Highway 401 operations between the County Road 6 interchange and the rest stop to the east of the interchange</p>	<p>The preferred haul route to the site will exit Highway 401 (exit 222) to County Road 6</p> <p>Analysis of the operation of the on and off ramps (eastbound and westbound) should be considered as part of this study</p>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

		<p>The limits of the review area along Highway 401 interchange should be described along with an indication of how this review will be conducted</p>
		<p>In May 2016 CLC meeting (pages 83-86) there was a discussion re: frequency of collisions on 401 and drivers not using the EDR routes and instead disrupting residential and business areas in community. It was stated at that meeting (and echoed by MOECC project officer) that the MTO could direct that a study of EDR usage be included. Steve H from Walker stated, <i>"...even though we may not be required to look specifically at the EDRs in our EA because they are an emergency situation not the regular operation, we did commit that we would take the community's concerns back to the MTO"</i></p> <p>The commitment made by Walker to take community's concerns re: EDR must be included in this meeting</p>
<p>Page 9 Figure 2</p>	<p>The proposed study area for this assessment is illustrated in Figure 2.</p>	<p>This figure is the proposed traffic route NOT the study area This map needs to be replaced by actual study areas and must better represent the actual study areas. See note Figure 1 above</p>
<p>Section 5 Page 10 Indicators / Measures</p>	<p>Indicators identify how the potential environmental effects will be measured for each criterion.</p>	<p>The code states, <b><i>"The evaluation method(s) chosen must be able to produce an assessment that is clear, logical and traceable. A clear, logical and traceable assessment is one in which anyone with the same information could reach the same conclusion without any additional assumptions."</i></b> (page 30)</p> <p>It is unclear what is to be assessed, why it will be assessed, how it will be assessed and what information will be used to establish if there is an anticipated environmental effect</p> <ul style="list-style-type: none"> <li>• Must include definitions and rationale for all indicators and clearly articulate any standards that will be used to measure the effects against.</li> </ul>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

<p>Page 10 Potential for traffic collisions</p>	<ul style="list-style-type: none"> <li>• Collisions per million vehicles at all study area intersections (severity, involving pedestrians, involving cyclists, involving trucks)</li> <li>• Collisions per million vehicle-km along all study area road segments (severity, involving pedestrians, involving cyclists, involving trucks)</li> </ul>	<p>This is NOT the GTHA, proposing to measure collisions per million vehicles at intersections and road segments will make it appear to be a very small number and not realistically reflect the traffic patterns in this community</p> <ul style="list-style-type: none"> <li>• This is a rural area, these studies should include school buses and agricultural vehicles</li> <li>• The ratio for collisions must be adjusted to better reflect traffic conditions in THIS community</li> <li>• Indicators reflecting the potential for conflict with agricultural traffic and school buses need to be included</li> </ul>
	<ul style="list-style-type: none"> <li>• Sight distance at the site entrance</li> </ul>	<p>The site entrance is proposed to be on Carmeuse property This should be clarified as the road entrance from County Road 6 that will lead to site entrance</p> <p>Sight lines for new road entrance (County Rd 6 into Carmeuse property) must adhere to County requirements in both directions for a new entrance</p>
		<p>The indicators are very cursory and will not give a clear picture of the potential effects of the additional traffic re: collisions</p> <p><b>Need to include:</b></p> <ul style="list-style-type: none"> <li>• Seasonal changes in traffic</li> <li>• Emergency vehicle routes</li> <li>• Snow removal procedure</li> </ul>
	<p>Page 8 of the updated work plan states, <i>“The study area for the traffic assessment will be based on the preferred haul route, which consists of access from Highway 401 via the County Road 6 interchange (Exit #222), north on County Road 6, and then west onto a private road into the landfill.”</i></p>	<p>It is not clear if the indicators will include the Hwy 401 interchange or not</p> <p>Clarification is required on how exit #222 is addressed in the indicators</p>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

<p>Disruption to local traffic</p>	<p>Change in daily truck traffic volume and AADT along all study area road segments</p>	<p>How are future traffic volumes for quarry operations and Federal White determined and what are those assumed volumes? There is insufficient information to ensure traceability</p> <p>Must include information on future traffic volumes re: quarry operations and Federal White are determined and assumed future traffic volumes</p>
		<p>Traffic collisions disrupt and impact traffic flow Need to include:</p> <ul style="list-style-type: none"> <li>• Impacts to average travel speed arising from the introduction of site traffic</li> <li>• Effects of weather on traffic flow</li> <li>• Emergency vehicle routes to 401</li> <li>• Snow removal procedures</li> <li>• Include allowances for the possibility that part of the haul routes to/from the site may also be temporarily closed due to emergencies, construction or other causes</li> </ul>
<p>Section 6.3 Page 14 Climate Change</p>	<p>The following table summarizes the mean climate change (temperature and precipitation) assumptions to be considered during this study, where relevant.</p>	<p>The Minister, in his approval of TOR included amendment 14. <i>In its environmental assessment, Walker shall include an assessment on how the preferred project may contribute to greenhouse gas emissions. In addition, Walker will assess the potential effects of climate change on the preferred alternative, and related potential risks to the environment resulting from these effects</i></p> <p><b>The contribution of vehicle emissions and traffic congestion created by the project to greenhouse gases MUST be included</b> and not just contributions of climate change on the proposal</p>
<p>Section 7 Page 15 Data Collection</p>	<p>Collision data from MTO, the County of Oxford and adjacent municipalities</p>	<p>This section needs to be more substantive to reflect the existing traffic conditions of the community</p> <p>This review should be expanded to include not only the frequency but also the duration of closure due to collision and the routes taken by local emergency vehicles that may be deterred from</p>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

		increased traffic
	Existing and historical traffic counts (intersection turning movement counts and 24-hour automatic traffic recorder counts)	<ul style="list-style-type: none"> <li>• There is no commitment to perform traffic counts but rather rely on existing or historical counts where available.</li> <li>• Traffic counts must be based on new data.</li> </ul>
Check page	From MTO, information will be obtained on Emergency Detour Routes including the frequency of closures of Highway 401 as background information to the study	Include duration of closure.
Page 16	<p>Information from other agencies and organizations</p> <ul style="list-style-type: none"> <li>• School bus routes from the Thames Valley District School Board</li> </ul>	<p>Our community has buses from Catholic School Board, Private Christian Schools as well as the bus that carries local students to London Christian High School not just TVDSB. This is a prime example of the experts not being aware of the activities and not tailoring their studies to OUR community.</p> <p>ALL school bussing information must be obtained and integrated into data</p>
	<ul style="list-style-type: none"> <li>• Rail crossings and frequencies from the Canadian National Railway and the Canadian Pacific Railway</li> </ul>	<p>Rail traffic in this community often include long trains that causes traffic back-ups as well as trains that often stop and block intersections</p> <p>Include a review of train movements and types as well as the frequency and length of time that other at-grade crossings in the area are blocked by train movements</p>
	<ul style="list-style-type: none"> <li>• Existing traffic operational issues, identified through interviews with truck operators who frequent the Carmeuse site</li> </ul>	Interviews should include staff/workers from Carmeuse, Federal White drivers, bus drivers and any other people who regularly frequent the haul route
	The expected peak periods for counts and analyses will include 7-9AM, 4-6PM, and Saturday midday 12-2PM and will be confirmed with available 24 hour counts	Page 13: <i>Daily site preparation and closure activities may occur for up to one hour before and two hours after these times</i> How will this traffic affect the people commuting to work for 7-3 shift when the majority will be in the haul route area between 6-7?

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

		<p>The 4-6pm peak does not reflect bus routes that are one at 2:30 (secondary schools) and 3:30 (primary schools) along with influx of factory workers going in for 3pm shift.</p> <p>This is a yet another example of the experts not being aware of the activities and not tailoring their studies to OUR community.</p> <p><b>Peak times need to be adjusted to correspond with the reality of activities in our community</b></p>
Section 8.3 Page 16 Safety Review	The collisions will be categorized according to the severity: fatal, injury, or property damage. The assessment will consider historical collision rates, predicted collision rates for baseline future conditions, and predicted collision rates for future conditions with the landfill site in operation.	<p>Future conditions must include predicted severity of collisions.</p> <p>Include prediction of increased <b>severity</b> of collisions associated with the increased truck traffic</p>
Page 17-18	Data Analysis	<p>There is insufficient information on how this will be evaluated in order for it to be clear, logical and traceable</p> <p>Include more information about what standards the results of each analysis will be compared to</p>
Section 8 Page 18 Mitigation Measures	The effects of proposed mitigation measures will be quantified in terms of expected improvement to level of service and/or safety. Monitoring, <u>contingency plans</u> and triggering mechanisms <u>will be recommended</u> , if and as required.	<p>This does not sufficiently replace the EDR contingency plan statement from Draft Work Plan in TOR</p> <p>Section 9 Reporting A Contingency Plan <u>will be prepared</u>, which will identify feasible alternative route(s) to the site in the event of Highway 401 road closures. Emergency Detour Routes will be considered in the development of the Contingency Plan.</p> <ul style="list-style-type: none"> <li>• This statement requires rewriting to better represent the intent of and be consistent with the statement on the contingency plan as stated in the approved TOR</li> <li>• Should be expanded to better explain how net effects on the</li> </ul>

## COMMENTS ON UPDATED WORK PLAN TRAFFIC

		<p>environment will be measured and how mitigation measures will be identified</p> <p>It should be made clear that the assessment will take into account both direct and indirect effects</p>
<p>Section 10 Page 20 References</p>		<p>The Ministry requires permits if changes are made within certain radius of the highway</p> <p>Include Public Transportation and Highway Improvement Act (PHTIA) –if required</p>



**VISUAL IMPACT COMMENTS** ( contains CLC response to disposition and Additional input from January 2017 CLC meeting not contained in Appendix B- Page 8 of this document)

**Appendix B** Disposition Tables - Comments on the Preliminary Work Plan

Reviewer	Page/ Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Introduction Page 1	<p><i>A copy of the earlier comments related to this work plan, along with Walker’s responses and references to where any associated revisions have been incorporated into this updated draft are tabulated in Appendix B.</i></p> <p>We are being asked to comment on updated plans by April 15, 2017. It would have been easier to see the rationale for revisions had Appendix B been available for those commenting to follow along in a traceable and logical way.</p> <p>Appendix B should be released concurrently with the updated work plans.</p>		Noted. Appendix prepared and circulated with revised Work Plan.	The CLC meeting to discuss this updated work plan took place on Jan 24, 2017. Appendix B was not included at that time to help formulate comments and concerns for the meeting. Putting the CLC at a disadvantage.
CLC	Introduction Page 1	<p><i>Walker will carefully consider any further input received in finalizing the work plans and carrying out the impact assessment studies.</i></p> <p>The code states, “The evaluation method(s) chosen must be able to produce an assessment that is clear, logical and traceable. A clear, logical and traceable assessment is one in which anyone with the same information could reach the same conclusion without any additional assumptions.” (page 30)</p> <p>In order to make this traceable, need to include:          How will these comments be recorded and presented?          What input was received and considered?          How was it incorporated into the work plans?          Explanation on why input was NOT incorporated.</p>		Noted. Comments and responses have been included in Appendix B.	We disagree. Comments from CLC from meetings, tech workshop, bus trip and TOR response were not included despite assurances from Walker, that they would be included. Oct 2012 “We will create a sheet in work plan that identifies your input and then the relevant sections that are changing based on your input.”

Reviewer	Page/ Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Figure 1 Page 2	<p><i>Site location and surrounding area</i> Including the radius in this map is confusing.</p> <p>How was the 1000m buffer radius established and what significance does it have specific to visual work plan?</p>		A 1000 m buffer is commonly used when looking at areas surrounding a property. As noted in Section 4, the study area is meant to be flexible and can / will be adjusted if needed.	
CLC	Section 3 Page 4 (EA criteria)	<p><i>Visual Impact of the waste disposal facility</i> <i>Issues raised</i> <i>Site Location</i> <i>Visual Impact of the Site</i></p> <p>The issues raised are superficial and don't give a clear picture of the exact concerns presented from the public.</p> <p>Given that this is an updated work plan soon to be finalized, there needs to be a more substantive description of issues raised in order to enable traceability</p>		Additional text has been added to the Work Plan to expand on this section and provide additional information.	Given that this "additional text" is not available we cannot ascertain that this concern has been addressed
CLC	Page 4	<p><i>Furthermore, this study is also designed to provide key input/data to other environmental criteria that will be addressed through studies conducted by other experts.</i></p> <p>There is insufficient information on how this will be addressed and cross-tabulated</p> <ul style="list-style-type: none"> <li>Indicators from other disciplines need to be included to ensure traceability</li> <li>Include an explanation of how they will be cross tabulated</li> </ul>		Additional text has been added to the Work Plan to address this comment.	Given that this "additional text" is not available we cannot ascertain that this concern has been addressed.

Reviewer	Page/ Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Page 6 Study Duration	<i>The post-closure period will consider the end land use of the site.</i>  Post closure period should include whether or how the proposed landfill would impact or compliment the rehabilitation plans for the other quarry areas		Noted.	
CLC	Section Page 8 (Study Area)	<i>Visual impacts may also occur along haul routes where road widening or intersection improvements are required. It remains to be determined if there are any proposed road improvements to be studied. There are also visual effects of additional traffic on the road which will be acknowledged.</i>  More clarification is required for There are also visual effects of additional traffic on the road which will be acknowledged <ul style="list-style-type: none"> <li>• How will additional traffic visual effects be measured/ identified</li> <li>• What indicators will be used</li> <li>• How will it be studied</li> </ul>		Additional text has been added to the work plan to expand on the information contained in the previous draft of the document.	Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.
CLC	Page 8	<i>The proposed study areas for this assessment are below illustrated on Figure 2</i>  Map Figure 2 is not consistent with study area map included in TOR (fig 5). The map contained in the updated work plan does not reflect the input of community that the site will be visible from Karn Road  Update map to reflect study area that includes Karn Road as depicted in Fig 5 TOR		This map is used in all revised work plans in order to be consistent between disciplines. Additional text has been added to reflect that the study area can be expanded and also to note there is visibility from Karn Road.	Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.  We maintain that Fig 5 of TOR is more reflective of the study area described during consultation

Reviewer	Page/ Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Section 5 Page 8 (Data Collection)	<p><i>In order to do this the existing conditions (i.e. the view of the site) will be documented and described. In addition, changes over the duration of the project will be projected based on the Aggregate Resources Act site plans and Carmeuse mining plans taking into account surrounding land uses and anticipated changes. This approach will facilitate comparison of the proposed facility to existing conditions and to anticipated conditions over the duration of the project.</i></p> <p>The site plan 2136 phase 3 dated April 2015 indicates that the initial cut for phase 3 would go through the northwest wall and the quarrying would begin in a south to north direction</p> <p>Please indicate how this will be incorporated into the study</p>		Additional text has been added to Section 5, so that it is noted operational changes will also be taken into account.	<p>Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.</p> <p>Until the operation change in site plan amendment for phase 3 has been approved, both scenarios should be considered</p>
CLC	Page 9	<p><i>Viewpoints may include other public areas such as the cemetery and pedestrian trails.</i></p> <p>This needs to be revised to reflect input from community</p> <p>The list of viewpoints should be expanded to also include private residential properties, farms and businesses</p>		The list of viewpoints has been expanded as requested.	
CLC	Page 9 Section 5.1 (Background data)	<p><i>Relevant background and base information will be assembled including</i></p> <p>Should include description of the visual characteristics of the landscape and its general visual context In relation to the adjacent communities</p>		Additional text has been added referencing this work as part of the background data collection.	Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.

Reviewer	Page/ Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Page 9 Section 5.2 (Field Data Collection)	<p><i>These viewpoints will require consideration in later stages of the assessment and may be adapted based on input from key stakeholders (e.g. the Community Liaison Committee, residents, etc.).</i></p> <p>In order to make this traceable, need to include:</p> <ul style="list-style-type: none"> <li>• What input was received and considered?</li> <li>• How was it incorporated into the work plans?</li> <li>• Explanation on why input was NOT incorporated.</li> </ul>		<p>This Appendix provides information regarding past comments. Additional text has also been added to the work plan indicating that the information will also be provided related to viewpoint changes.</p>	<p><b>We maintain that the Appendix does not capture past comments made by the CLC (see above Introduction page 1)</b></p> <p><b>Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.</b></p>
CLC	Page 11 Section 6 (Assumptions)	<p><i>Walker has provided an initial set of working assumptions regarding the design and operations of the proposed landfill (Facility Characteristics Report; November, 2016)</i></p> <p>CLC meeting November 23, 2016  <i>“our facility characteristics document is not yet complete”</i>  <i>“I think we need a few more weeks to finalize it. There is some detail that we are still developing at this point and our engineers are developing”.</i></p> <p>Given that there was still consultation on preferred alternatives taking place in November and the engineers had not yet completed their contributions, how is it possible that the experts were presented with a facilities characteristics report in November 2016?          This is a clear contradiction of the collaborative and participatory approach to consultation intended in the Act</p>		<p>The report was dated November 2016, but was provided to the study team on December 15th. This is in line with the timing indicated in the references provided.</p>	

Reviewer	Page/Section	Visual Impact Related Comment	Walker Response	Response / Actions Taken in Updated Work Plan	CLC Response
CLC	Page 12 (Data Analysis)	<p><i>Receptor-based visual impact values for the duration of the operation will be developed at a later stage in the visual impact assessment</i></p> <p>Receptor based visual impact values need to be defined and substantiated to provide a rational basis for evaluation</p> <p>Include how these viewpoints will be defined</p>		These values are more appropriate to develop once work has progressed in the visual impact assessment. Text has been added to the work plan providing additional information in this regard.	Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.
CLC	Page 13 (Mitigation Measures)	<ul style="list-style-type: none"> <li>Proposed alternative mitigation measures</li> <li>Effectiveness of mitigation measures</li> </ul> <p>There is insufficient information on how this will be addressed</p> <p>Should be expanded to better explain how net effects on the environment will be measured and how mitigation measures will be identified</p>		The bullets in the work plan have been expanded, and additional text has been added below the list for clarity.	Given that this “additional text” is not available we cannot ascertain that this concern has been addressed.
CLC	Additional Concern	<p><b>Description of the environment</b>          From PRT Disposition Page 153  <i>...should provide a description of the visual characteristics of the landscape and its general visual context In relation to the adjacent communities.</i>          Walker’s response:  <i>No changes were made to the draft work plans. These corrections have been sent to our Visual Impact Assessor and <b>will be addressed prior to</b></i></p>		This comment does not appear to have been previously provided to the team. However, this has been addressed by including text as part of the	The comment that this was not “previously provided” is <b>MOST DISCONCERTING!</b> This comment was presented by the JMCC PRT <a href="http://www.walkerea.com">http://www.walkerea.com</a>

		<p><i>the work plans being finalized.</i></p> <p>Please indicate where this concern has been addressed</p>		<p>background data collection (see above).</p>	<p><a href="/uploads/625/Doc_636035809894194191.pdf">/uploads/625/Doc_636035809894194191.pdf</a> page 67 and in disposition chart <a href="http://www.walkerea.com/uploads/636/Doc_635941532928708920.pdf">http://www.walkerea.com/uploads/636/Doc_635941532928708920.pdf</a> page 153 AND also appears in Appendix B of the work plan.</p> <p>As many responses from PRT to disposition include the phrase <i>“Provision accepted the PRT will look to updated work plans to ensure”</i>; <b>we strongly advise that MHBC review all documents containing comments to ensure that ALL comments have been d and addressed.</b></p>
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## Additional input to be addressed from January 2017 CLC meeting not contained in Appendix B

- Include criteria for determining the appropriate viewpoints to conduct the studies and create visual renderings
- Once viewpoints are identified, consultation with CLC to ensure fair representation of the concerns of the community
- Field data collection should include some sort of consultation with residents to gather input on their specific view point concerns
- Effects are subjective in nature. Include more specific details on indicators to make it more measurable
  - From certain distance, what percentage of our view is made up of the landfill
  - What percentage of time would we be seeing equipment, rather than green finished grass
  - Include indicators as to how the net effects are measured
  - More information required on how data is interpreted
- Requires more clarification on accuracy of modelling for future viewpoint, including potential future housing development





July 27, 2017

Dear CLC member,

I hope you are enjoying the summer so far.

This is a brief update regarding the Southwestern Landfill EA to inform you of the project status between meetings.

We are currently working on finalizing the Technical Work Plans and responding to all comments received. Once complete, the Finalized Technical Work Plans and comment disposition tables will be posted on our website and you will receive a notification. We expect the Work Plans and comment disposition tables to be finalized over the next month.

In the meantime, some of the consultants have started their background data collection (reviewing past reports, gathering existing data). The only field work that has been carried out so far was the traffic consultant counting traffic on one day to get a starting sense of summer traffic.

Please let me know if you have any questions, I'm happy to answer by email, chat on the phone, or meet in person. As a reminder, the next CLC meeting is scheduled for **Wednesday, September 20, 2017 at 6:00 pm.**

Also enclosed is the CLC Quality Review questionnaire that was provided at the May 24, 2017 meeting. If you have not yet filled out this form, your response would be appreciated. A paid return envelope is included.

Warm regards,

Becky Oehler  
Community Engagement Manager  
905-680-3675, [boehler@walkerind.com](mailto:boehler@walkerind.com)



# Final Work Plans & Disposition Table

Southwestern Landfill Environmental Assessment

October 10, 2017

Dear CLC member,

Please find enclosed the final technical work plans for the Southwestern Landfill Environmental Assessment. Thank you for your contributions to their development, we look forward to continuing our collaborative approach as the EA progresses. Also enclosed is a comment disposition table detailing comments from the CLC on the Updated Draft Work Plans (CLC Meetings Jan-May 2017) and Walker's responses, as well as notes about any related changes to the work plans.

You may also access the work plans online 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.

The Air Quality and Human Health Risk Assessment (HHRA) final work plans and some of the associated comments/responses are not yet available. We expect they will be available shortly after an outstanding review meeting between Walker's HHRA consultant, the Oxford County Medical Officer of Health, the MOECC, Joint Municipal Coordinating Committee Peer Review Team and the Ingersoll Peer Review Team. You will be notified when the outstanding Air Quality and HHRA documents become available.

If you have any questions please contact our office toll free at 1-855-392-5537 or email [info@walkerea.com](mailto:info@walkerea.com).

As a reminder, the next CLC meeting is scheduled for **Wednesday, November 22, 2017 at 6:00 pm**.

Warm regards,

Becky Oehler  
Community Engagement Manager  
905-680-3675, [boehler@walkerind.com](mailto:boehler@walkerind.com)

## FW: Landowner details

Becky Oehler

**Sent:** Tuesday, October 31, 2017 11:54 AM

**To:** Info@walkerea.com; Darren Fry

**Categories:** Printed and put in Binder

---

**From:** [REDACTED]

**Sent:** Tuesday, October 31, 2017 11:54 AM

**To:** Becky Oehler <BOehler@walkerind.com>

**Subject:** RE: Landowner details

Thanks Becky, That's what I thought and thank you for answering my question.

---

**From:** [Becky Oehler](#)

**Sent:** Tuesday, October 31, 2017 11:39 AM

**To:** [REDACTED]

**Subject:** RE: Landowner details

Hi [REDACTED]

Boreholes 2 and 3 are along the old rail line. That property (the old rail line) is owned by Carmeuse.

Thanks for the work you do providing information to the community to answer questions. Please don't hesitate to let us know if there's any other questions or concerns that we can answer or provide more information about.

Thanks,  
Becky

---

**From:** [REDACTED]

**Sent:** Tuesday, October 31, 2017 11:05 AM

**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>

**Subject:** RE: Landowner details

Thanks Becky,

I am doing fine and thank you for the card you sent along, I appreciate it.

I am specifically looking for ownership adjacent Maloney's farm. Boreholes 2 and 3 are being drilled along the old rail line there. I thought they were properties Carmeuse owned, could even be LaFarge. I am trying to collect some accurate information so as to clear up some debate going on in the community.

---

**From:** [Becky Oehler](#)

**Sent:** Tuesday, October 31, 2017 10:41 AM

**To:** [REDACTED]

**Cc:** [Darren Fry](#)

**Subject:** RE: Landowner details

Hi [REDACTED]

I hope you're doing well!

The first map that came to mind for me is the map that's included as Figure 1 in the finalized work plans. In the work plans it can be a little hard to see, so I have attached the full-size PDF for you. It includes some information about surrounding properties. Please let me know if this provides the information you're looking for.

Thanks,  
Becky

**Becky Oehler, M.Sc.**

Community Engagement Manager- Southwestern Landfill

---

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**From:** [REDACTED]  
**Sent:** Tuesday, October 31, 2017 9:16 AM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Landowner details

Good morning,

I was wondering if you could provide with some material regarding the property ownership surrounding the proposed landfill site. I did see a map at one time which showed property landholdings, licensed, unlicensed and private ownership. I know of Carmeuse and LaFarge but I am not certain of others who may or may not own property, perhaps only rented.

If you can provide me with a map I would appreciate it.

Thanks,

[REDACTED]

[REDACTED]

## Field Work Health & Safety Summary

Becky Oehler

Sent: Wednesday, November 08, 2017 4:02 PM

To: [REDACTED]

Hi [REDACTED]

I hope you're doing well. At the September CLC meeting, you asked for more information about the health and safety requirements for Walker's consultants who are doing field work. I apologize for the delay in getting back to you, I was out for a few weeks for gallbladder removal surgery.

### Field Work Call-In/Out Procedure

- All consultants carrying out field work must check in with Walker each day with the type of activity and where it will take place. This ensures Walker knows who is onsite doing work, has a record of what is occurring and can answer questions promptly from community members.

### Health & Safety Training

- Walker H&S and Environmental training for each person doing field work in the area
- Carmeuse H&S training for each person working on Carmeuse's property
- H&S training from each consultant's company, as per their requirements. This may include general H&S training as well as additional training pertaining to their specific role.
- Includes, but not limited to, requirements to submit proof of insurance, WSIB coverage, contractor SOPs, completion of pre-qualification forms, complete corporate training and complete site/job specific orientations.

### Contractor/Job Specific Safety Plans

- Some consultants/contractors have their own E, H&S requirements if anyone visits or enters their work areas. An example is the drilling activities – Golder requires additional site orientation and hazard assessment at each location.

### Insurance Requirements

- Service agreements with each consultant/contractor require Professional Liability Insurance, Commercial General Liability, Automobile Insurance and Contractors Pollution Liability Insurance,.

I hope this addresses your request for additional information pertaining to the E, H&S requirements that are set out for contractors/consultants doing field work for this EA.

All the best,  
Becky

**RE: CLC working group – social study**

Becky Oehler

**Sent:** Wednesday, November 08, 2017 1:48 PM

**To:** [REDACTED]

Hi [REDACTED]

Tomasz reviewed your requests to see the survey questions in advance and SLR Consulting is willing to provide them a few days in advance.

Thanks again for your participation.

All the best,

Becky

**From:** [REDACTED]

**Sent:** Tuesday, November 07, 2017 10:02 AM

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

**Cc:** [REDACTED]

**Subject:** Re: CLC working group – social study

Thanks Ashley

The date and time work well for me.

I also want to thank you for forwarding the request to Tomasz for me.

[REDACTED]

On Tue, Nov 7, 2017 at 9:55 AM, Ashley Van Dinther <[AVanDinther@walkerind.com](mailto:AVanDinther@walkerind.com)> wrote:

Hi [REDACTED]

Thank you for replying with your availability so promptly. The CLC working group meeting is scheduled for Wednesday, November 29 at 2:30 PM. (Bryan, please let me know if this time is suitable. As you mentioned you had a prior commitments.)

We've passed along the request, in your words, to see the survey questions in advance to Tomasz for his consideration.

Thank you again for volunteering to review the public attitude research survey, we really appreciate your time and input.

Warm regards,

Ashley

**From:** [REDACTED]

**Sent:** Monday, November 06, 2017 5:24 PM

**To:** [REDACTED]

**Cc:** Ashley Van Dinther <[AVanDinther@walkerind.com](mailto:AVanDinther@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>

**Subject:** Re: CLC working group – social study

Hi Ashley

I am planning to be at the Walker office for the open house(s) Nov 28-29-30 as a representative of the CLC so perhaps we can work in a time on one of these days where I can slip out and take part in this workshop with Tomasz. Or in the case of the 28<sup>th</sup>, have it before the open house session starts (early afternoon) which would also work into [REDACTED] schedule?

When my predecessor on the CLC requested that the CLC have an opportunity to review and provide input on the draft surveys before implementation; she stressed that our understanding of the uniqueness of our community would be a valuable asset in implementing the surveys. Tomasz, who was presenting at that meeting, agreed that it would be useful to him as well. While I appreciate that Tomasz would like to present these cold, having the questions in advance, would give us the opportunity to consider all elements of our community as they relate to the questions, and enable us to provide more meaningful input and productive comments. I am hoping that he will reconsider sending us an advance copy. Let me know when the meeting is confirmed.

Thanks

[REDACTED]

On Mon, Nov 6, 2017 at 4:26 PM, <[bryasmit@oxford.net](mailto:bryasmit@oxford.net)> wrote:

Ashley,

Thanks for your note.

At this point the 27th, 28th and 29th look like they may have some times available. I do have a morning commitment on the 28th as well as an evening one. On the 29th, it's from 10:30 to 1:30 that I am previously booked.

Like [REDACTED] though, I'd like the opportunity to give the questions some thought before the meeting with Tomasz. I hope that is possible.

[REDACTED]  
**From:** Ashley Van Dinther  
**Sent:** Monday, November 6, 2017 2:37 PM  
**To:** [REDACTED]  
**Cc:** Becky Oehler  
**Subject:** CLC working group – social study

Good afternoon [REDACTED]

Thank you for volunteering to be part of the CLC working group to review the public attitude research survey (telephone survey) and provide feedback. Tomasz Włodarczyk from SLR Consulting will be leading this meeting. It is his intention to use this opportunity as a "pre-test" for the survey.

[REDACTED] at the September 20, 2017 CLC meeting, you asked if the working group could receive the questions ahead of the meeting. Tomasz said he will be providing the questions at the meeting rather than ahead of time because that will give him a better sense of your immediate sense of the question, in the same way someone on the phone would receive it. This provides for a better "pre-test".

Please let me know what dates and times work best for you between November 24 and November 30. We are open to holding the meeting during the day or in the evening.

Warm regards,  
Ashley

**Ashley Van Dinther**  
Administrative Assistant  
Strategic Growth

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Toll free: [855-392-5537](tel:855-392-5537)  
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## Materials for CLC table Nov 28-30

Becky Oehler

Sent: Tuesday, November 21, 2017 2:14 PM

To: [REDACTED]

Hi [REDACTED]

In preparation for the upcoming open house Nov 28-30, I was wondering if you would like any materials printed for the CLC table. Some things I was thinking of:

- CLC meeting disposition tables
- CLC members comment disposition tables (from comments submitted by 6 CLC members including yourself)
- CLC meeting summaries

Just let me know what you'd like to have and we can print for you. Also – let me know if you need a ride to the meeting tomorrow, we can come by and pick you up if you'd like.

See you at the meeting tomorrow,  
Becky



**RE: Health Roundtable Mtg.**

Becky Oehler

**Sent:** Monday, November 27, 2017 3:59 PM

**To:** [REDACTED]

**Cc:** Ashley Van Dinther; Darren Fry

Hi [REDACTED]

Just checking in – were you or another CLC member planning on observing the HHRA roundtable meeting tomorrow morning? If so, please come to the downstairs boardroom where we have the CLC meetings.

Thanks,  
Becky

---

**From:** Darren Fry

**Sent:** Friday, November 24, 2017 1:42 PM

**To:** [REDACTED]

**Cc:** Becky Oehler <BOehler@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

**Subject:** Health Roundtable Mtg.

Hi [REDACTED]

I'm following up on your recent request to observe the upcoming roundtable meeting on the Health work plan for the SWLF EA. In attendance will be representatives from Walker, the JMCC, Ingersoll and MOECC.

We're happy to have you attend and observe the discussion. The meeting will be held at our Ingersoll office (downstairs) on Nov. 28<sup>th</sup> at 10am-12pm.

Please let me know if you can make it.

Regards,  
Darren

**Re: Public Attitude Research - CLC Pre-test**

**Sent:** Tuesday, November 28, 2017 10:08 AM  
**To:** Info@walkerea.com

Hi Ashley,

The questionnaire came through today.

**From:** Info@walkerea.com  
**Sent:** Tuesday, November 28, 2017 9:22 AM  
**To:** [REDACTED]  
**Subject:** FW: Public Attitude Research - CLC Pre-test

Good morning [REDACTED]

Please see attached questionnaire. If you do not receive it or have trouble viewing, please let me know.

Kind regards,

Ashley

---

**From:** Becky Oehler  
**Sent:** Monday, November 27, 2017 3:46 PM  
**To:** [REDACTED]  
**Cc:** Tom Wlodarczyk <twlodarczyk@slrconsulting.com>; Margaret Buhlman <mbuhlman@intellipulse.com>  
**Subject:** Public Attitude Research - CLC Pre-test

Hi [REDACTED]

Thank you again for volunteering to pre-test the Public Attitude Research survey (telephone survey) prior to its implementation. You will be meeting with Tomasz Wlodarczyk (SLR Consulting) and Margaret Buhlman (Intellipulse) on **Wednesday, November 29<sup>th</sup> at 2:30 pm** at our office at 160 Carnegie Street. The meeting will be held in the upstairs boardroom, so please come in the front door when you arrive.

As requested, please find attached the draft questionnaire for your review prior to the meeting.

This material is being provided by WEG and SLR/Intellipulse to gain feedback on the questionnaire and the public attitude research process in general. These draft materials are not meant for public distribution. SLR and Intellipulse will take into consideration the feedback received at the pre-test meeting in implementing the public attitude research program.

Please let me know if you have any questions prior to Wednesday's meeting.

Thanks,  
Becky

## RE: November 22, 2017 CLC Follow-up Question

Becky Oehler

**Sent:** Thursday, November 30, 2017 12:19 PM  
**To:** Emilia Kuisma [emilia.kuisma@ontario.ca]  
[REDACTED]

Hi Emilia,

Thanks for providing this information. We will include it with the Business Arising report that will be send out with other follow-up materials like the meeting summary and transcript.

Thanks,  
Becky

---

**From:** Ashley Van Dinther  
**Sent:** Thursday, November 30, 2017 12:15 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** FW: November 22, 2017 CLC Follow-up Question

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**From:** Kuisma, Emilia (MOECC) [<mailto:Emilia.Kuisma@ontario.ca>]  
**Sent:** Thursday, November 30, 2017 11:12 AM  
**To:** Ashley Van Dinther <[AVanDinther@walkerind.com](mailto:AVanDinther@walkerind.com)>  
**Cc:** Slivar, Bob (MOECC) <[Bob.Slivar@ontario.ca](mailto:Bob.Slivar@ontario.ca)>; Kuisma, Emilia (MOECC) <[Emilia.Kuisma@ontario.ca](mailto:Emilia.Kuisma@ontario.ca)>; Crompt, Dan (MOECC) <[Dan.Crompt@ontario.ca](mailto:Dan.Crompt@ontario.ca)>; Wrigley, Rob (MOECC) <[Rob.Wrigley@ontario.ca](mailto:Rob.Wrigley@ontario.ca)>; McDonald, Dan (MOECC) <[Dan.McDonald@ontario.ca](mailto:Dan.McDonald@ontario.ca)>; Papageorgiou, Agni (MOECC) <[Agni.Papageorgiou@ontario.ca](mailto:Agni.Papageorgiou@ontario.ca)>  
**Subject:** November 22, 2017 CLC Follow-up Question

Good morning Ashley,  
Further to the CLC meeting last week I committed to follow-up on the question below. Please see the response below.  
If you have any further questions please let me know.  
Thanks,  
Emilia

### **Question from the CLC if any discharge from the Carmeuse quarry goes to Cemetery Creek?**

- No, currently water is not being discharged to the Cemetery Creek. See explanation below.

### **Water discharge from the Carmeuse property**

Carmeuse is permitted to dewater their quarry to allow for the mining of limestone. The groundwater is pumped into a sump which then flows through the quarry property to a series of settling ponds.

After going through the settling ponds, the water is collected into a sump and is then pumped and discharged to the Thames River.

If the parameters for discharge cannot meet allowable limits (total suspended soils) for discharge to the Thames River, then it is diverted to the West Quarry Pond.

The West Quarry Pond, is an approximate 950 metre long by 270 metre wide by 20 metre deep pond (located on the south west end of the Carmeuse property).

Carmeuse does not currently discharge water from the West Quarry Pond.

Should Carmeuse wish to discharge water from the West Quarry Pond it is permitted through an outlet pipe that drains to an on-site channel. The channel drains into Cemetery Creek. Cemetery Creek ultimately discharges to the Thames River.

The discharge would only be permitted if it meets the discharge requirements (pH, total suspended solids and passes an annual toxicity test).

Emmilia Kuisma

Issues and Projects Coordinator- London District Office

Ministry of the Environment and Climate Change

Ministère de l'Environnement et de l'Action en matière de changement climatique

Phone: (519) 873-3060

Email: [emmilia.kuisma@ontario.ca](mailto:emmilia.kuisma@ontario.ca)

## RE: Niagara Campus Tour Friday, August 11, 2017

Darren Fry

**Sent:** Monday, August 14, 2017 8:34 AM

**To:** [REDACTED] Ashley Van Dinther

**Cc:** Derick Crane

Hi [REDACTED]

Thank you for the nice note. We're happy to take the time to address your questions and glad you could come and see how a modern landfill is constructed and operates first hand. Please know the door is always open. Once you've had a chance to take everything we seen in, feel free to give me a call if you have any additional questions.

And thanks from this end to Derick for helping make this visit happen!

Best,  
Darren

**From:** [REDACTED]

**Sent:** Saturday, August 12, 2017 1:14 PM

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

**Cc:** Darren Fry <DFry@walkerind.com>; Derick Crane <DCrane@walkerind.com>

**Subject:** Re: Niagara Campus Tour Friday, August 11, 2017

I just wanted to take a minute to thank you all for the tour of the landfill; for the transportation (which was gratefully appreciated and without it I wouldn't have been able to go); the explanations of areas of interest and the wonderful lunch.

I found the day extremely informative and found many answers to my questions. Seeing things first hand rather than reading it on paper makes it much easier to grasp the concepts not only of the infrastructure of the landfill, the rehabilitation areas, but also the ancillary services such as the resource recovery. It was a lot to take in and I learned a lot; and am now confident that I have a much better understanding of all of it. The timing of the liner development was perfect to see the various stages and seeing it live was much better than looking at a diagram. I appreciate you working me into that schedule.

Speaking of schedules, I appreciate that you all took the time from your busy schedules to accommodate me. You also made me feel most welcomed and appreciated even though we have had our adversarial moments in this process.

I am confident that when Leticia completes her video that others, who didn't request or take advantage of the opportunity to tour the site, are able to gain a better understanding of liner development. I have always maintained that videos are an excellent forum for providing information and she does exceptional work.

Thank you all once again  
[REDACTED]

On Wed, Aug 9, 2017 at 7:31 PM, [REDACTED] wrote:

| Hi Ashley

It will be nice to finally meet you in person.

I have a favour to ask, my hip and knee will not allow me to walk to the Walker office on Carnegie and I don't drive. Is there any possible way someone could swing by and pick me up at home (46 Bell Street) on Fri morning?

Also, I am assuming that you, Ashley, may not have had a tour of the facilities and would benefit from taking everything in and I am most amiable to go through the facility with you. However, if you have had a tour and the compost and mulch area tour is **solely** for my benefit, I have already had a tour of them, so it isn't necessary strictly for my benefit.

Looking forward to Friday.

██████

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██████ Virus-free. [www.avast.com](http://www.avast.com)

On Wed, Aug 9, 2017 at 4:42 PM, Ashley Van Dinther <[AVanDinther@walkerind.com](mailto:AVanDinther@walkerind.com)> wrote:

Hello ██████

I trust all is well and hope you're enjoy your summer thus far. I will be joining yourself and Derick for the trip to the Niagara Campus, I look forward to meeting you on Friday (August 11<sup>th</sup>).

Derick will be meeting us at the Ingersoll Office around 7:00-7:30am, putting us in Niagara around 9:30am.

Once we arrive in Niagara, Derick will give you a tour of the Mulch, Compost, and Resource Recovery Area.

Darren will then take over and give you the grand tour of the South Landfill and Associated Infrastructure.

Break for Lunch

1:00pm we will head back to the Ingersoll Office putting us in Ingersoll around 3:00pm.

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

Kind regards,

Ashley

**Ashley Van Dinther**

Administrative Assistant

Strategic Growth

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## RE: SWLF EA - Finalization of Work Plans

Becky Oehler

Sent: Friday, October 06, 2017 4:58 PM

To: [REDACTED]

Cc: Darren Fry; Joe Tomaino

[REDACTED] – I should clarify that you were provided this notification is in regard your submission on behalf of [REDACTED]

Thanks again,  
Becky

---

**From:** Becky Oehler

**Sent:** Friday, October 06, 2017 4:56 PM

**To:** [REDACTED]

**Cc:** Darren Fry <DFry@walkerind.com>; Joe Tomaino <JTomaino@walkerind.com>

**Subject:** SWLF EA - Finalization of Work Plans

Good afternoon [REDACTED],

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](#).

The Air Quality and Human Health Risk Assessment (HHRA) final work plans and some of the associated comments/responses are not yet available. We expect they will be available shortly after an outstanding review meeting between Walker's HHRA consultant, the Oxford County Medical Officer of Health, the MOECC, Joint Municipal Coordinating Committee Peer Review Team and the Ingersoll Peer Review Team. You will be notified when the outstanding Air Quality and HHRA documents become available.

If you have any questions, or if 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](mailto:info@walkerea.com).

Warm regards,  
Becky Oehler

**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

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## FW: Packer Testing

Darren Fry

**Sent:** Wednesday, November 08, 2017 10:29 AM

**To:** Info@walkerea.com

**Categories:** Printed and put in Binder

RoC - citizen

---

**From:** [REDACTED]

**Sent:** Wednesday, November 08, 2017 10:17 AM

**To:** Darren Fry <DFry@walkerind.com>

**Subject:** Re: Packer Testing

Hi Darren,

Thank you helping me understand what was asked by [REDACTED] I wasn't clear on the question nor the answer given.

I had read the cumulative effects document and m again last night just to be clear in my own mind the study and its commitments. It is as you suggest in your response to me.

Thank you again,

[REDACTED]

Get [Outlook for iOS](#)

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**From:** Darren Fry <DFry@walkerind.com>

**Sent:** Wednesday, November 8, 2017 10:06:19 AM

**To:** [REDACTED]

**Subject:** RE: Packer Testing

Hi [REDACTED]

[REDACTED] had made two comments to Council that I chose not to respond to as they were not directed at me. [REDACTED] statements contained inaccuracies and I'm happy to clarify [REDACTED] comments relating to cumulative effects below.

1. [REDACTED] stated that Walker is not incorporating existing conditions into its assessment but only assessing the proposed landfill in isolation. He used air as an example and said we're not considering existing air quality. This is incorrect. We have committed to assess the existing conditions (which includes things like air quality or traffic as examples), develop models for the proposed facility and then 'overlay' the proposed facility on the existing conditions to assess the effects. This is precisely what we are doing over the next year – gathering data on existing conditions.

You'll recall this from CLC discussions and the summary of the cumulative effects work plan that we presented – it's the multisource element (here's the link).

[http://www.walkerea.com/uploads/938/Doc\\_636199865775147237.pdf](http://www.walkerea.com/uploads/938/Doc_636199865775147237.pdf)

We have also taken things one step further in that we are not just looking at existing conditions today but will use planning documents to extend what conditions (ie. municipal development is a good example) are expected to be at years 5, 10, 20 and incorporate the proposed facility into those scenarios. This is a cumulative effects EA.

I hope this helps address your question and should let you know I clarified this with Council after the meeting so that they are not misinformed.

Thanks,

Darren

---

**From:** [REDACTED]

**Sent:** Tuesday, November 07, 2017 4:19 PM

**To:** Darren Fry <DFry@walkerind.com>

**Subject:** Re: Packer Testing

Thanks Darren,

I appreciate the link.

[REDACTED] had a question about the cumulative effects and for the life of me I can't remember what he asked. It had to with the air and noise studies and the health study. [REDACTED] said it was only related to the landfill operations. Can you expand??

Trying to figure out what [REDACTED] was saying.

[REDACTED]

[REDACTED] [S](#)

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**From:** Darren Fry <DFry@walkerind.com>

**Sent:** Tuesday, November 7, 2017 1:05:24 PM



To: [REDACTED]  
[REDACTED]

Hi [REDACTED]

Good to see you. Here is a link that discusses the basic premise of a packer test. It's a test that coupled with geophysics and rock core, helps characterize/define the movement of water (hydraulic conductivity) through specific sections of a borehole or bedrock.

<http://www.encyclopedia.com/science/dictionaries-thesauruses-pictures-and-press-releases/packer-test>

If you have any other questions, let me know.

Best,  
Darren

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

---

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# CLC Meeting 30 - Materials

Southwestern Landfill Environmental Assessment

February 1, 2018

Dear CLC member,

Please find enclosed the materials for the upcoming CLC meeting on **Wednesday, February 21, 2018** at 6:00 pm (dinner will be available at 5:30 pm).

The meeting will include an update on the status of Field Work. The Agenda for this meeting is brief, so **if you have any topics you would like to discuss, please let us know**. We'd be happy to engage in a discussion about topics you're interested in, which could include topics relating to Environmental Assessments, how landfills are built and operated, the waste management industry in general, or other. This is a great time to explore those topics and we would be happy to prepare materials and discussion tools on topics of interest.

**Enclosed Materials:**

1. Agenda
2. Business Arising Report
3. Draft CLC Meeting #30 Summary – *please let us know if you have any comments by February 28, 2018, after which it will be posted online.*
4. CLC Meeting #30 Transcript (with reference key for initials)

Please let us know if you have any questions in advance of the February 21 meeting.

Warm regards,

Becky Oehler  
Community Engagement Manager  
905-680-3675, [boehler@walkerind.com](mailto:boehler@walkerind.com)

**RE: Is this the latest?**

Becky Oehler

Sent: Thursday, February 08, 2018 1:06 PM

To: [Redacted]

Cc: Darren Fry  
[Redacted]

Hi [Redacted]

The timeline you provided below is the most recent version that was in the Community Exchange, but we did an update for the website, since field work will continue through Fall 2018.

We will work to keep the timeline on the project website up-to-date so the most accurate timeline is always available. You can find it on the "What is Being Proposed?" page at <http://www.walkerea.com/en/the-proposal/What-is-Being-Proposed.asp?mid=101721>

Hope you're doing well!

All the best,  
Becky

From: [Redacted]

Sent: Thursday, February 08, 2018 11:31 AM

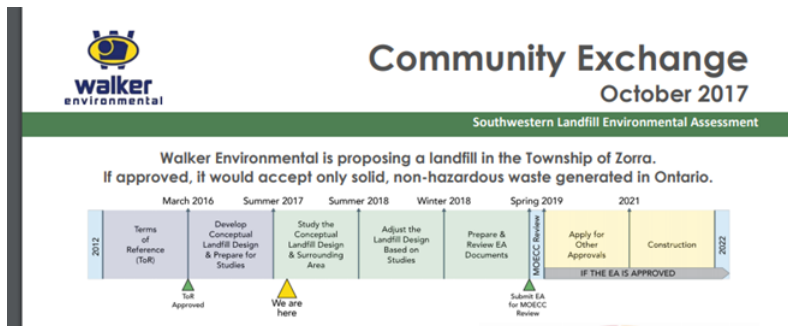
To: Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>

Subject: Is this the latest?

Hi

I realize that the timeline is subject to change and the dates are just approximated, but I am wondering if this is the latest version?

Thanks  
[Redacted]



## RE: Winter Wildlife Survey

Becky Oehler

**Sent:** Thursday, February 08, 2018 3:49 PM

**To:** [REDACTED]

**Cc:** Ashley Van Dinther  
[REDACTED]

Hi [REDACTED]

The ecologist was unable to carry out the winter wildlife survey this week due to uncooperative weather, so they're hoping to be here next week. I will let you know as soon as they provide a likely date.

Hope you're having a great week!

All the best,  
Becky

---

**From:** Becky Oehler

**Sent:** Thursday, February 01, 2018 10:19 AM

**To:** [REDACTED]

**Cc:** Ashley Van Dinther <AVanDinther@walkerind.com>

**Subject:** RE: Winter Wildlife Survey

Hi [REDACTED]

Thanks for your email, hope you're doing well!

We'll let the ecologist know that you'd like to accompany them. We'll relay information about the date as soon as it becomes available. Would it be better for me to call you with information on the date, or to email?

Thanks,  
Becky

---

**From:** [REDACTED]

**Sent:** Thursday, February 01, 2018 10:12 AM

**To:** Becky Oehler <BOehler@walkerind.com>; [REDACTED]

**Cc:** Ashley Van Dinther <AVanDinther@walkerind.com>

**Subject:** RE: Winter Wildlife Survey

Good morning Becky.

I would like to accompany the ecologists. Lesley and I are away Feb 7,8 and 9 – something we cannot change. If the field study is the next week, I will be there.

[REDACTED]

[REDACTED]

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**From:** [Becky Oehler](#)

**Sent:** January 29, 2018 3:49 PM

**To:** [REDACTED]

**Cc:** [Ashley Van Dinther](#)

**Subject:** Winter Wildlife Survey

Hi [REDACTED]

I hope you're both doing well. You both let us know that you're interested in observing the winter wildlife survey.

We just received information about potential dates from our consultant, Beacon. The survey takes one day and is tentatively scheduled for one of the following days: between February 7-9 or between February 12-16. The survey must be completed two days after a significant snowfall (enough snow to record animal tracks), so the exact date cannot be scheduled very far ahead of time.

If you're still interested in observing the winter wildlife survey, please let us know, and Ashley can coordinate.

Warm regards,  
Becky

**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

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February 23, 2018

Dear CLC member,

This letter is to notify you that all of the work plans are now finalized and available on the Southwestern Landfill EA website at <http://www.walkerea.com/en/learn-more-about/Technical-Work-Plans.asp>.

This notification is follow-up to the October 10, 2017 notification regarding work plan finalization. At that time, the work plans for Air Quality and Human Health Risk Assessment were not yet complete. They are now finalized and available, as are the associated comment disposition tables, which are Walker Environmental's responses to comments received on the Updated Draft Technical Work Plans.

Please find enclosed hard copies of the final work plans for Air Quality and Human Health Risk Assessment. If you have any questions please contact our office toll free at 1-855-392-5537 or email [info@walkerea.com](mailto:info@walkerea.com).

Warm Regards,

Becky Oehler

## RE: Feb 21- Walker CLC meeting follow-up items for MOECC

Becky Oehler

**Sent:** Monday, March 05, 2018 10:31 AM  
**To:** Kuisma, Emilia (MOECC) [Emilia.Kuisma@ontario.ca]; Ashley Van Dinther  
**Cc:** Papageorgiou, Agni (MOECC) [Agni.Papageorgiou@ontario.ca]; Lafrance, Crystal (MOECC) [Crystal.Lafrance@ontario.ca]; McDonald, Dan (MOECC) [Dan.McDonald@ontario.ca]; Wrigley, Rob (MOECC) [Rob.Wrigley@ontario.ca]; Crompton, Dan (MOECC) [Dan.Crompton@ontario.ca]; Slivar, Bob (MOECC) [Bob.Slivar@ontario.ca]; Jutzi, Mallory (MOECC) [Mallory.Jutzi@ontario.ca]  
[REDACTED]

Hi Emilia,

Thank you for the answers to these questions from CLC members. We will provide them to the group in the Business Arising report.

We appreciate your continued active participation in the CLC. It is very helpful to all CLC members to have a representative from the MOECC at the meetings.

All the best,  
Becky

---

**From:** Kuisma, Emilia (MOECC) [mailto:Emilia.Kuisma@ontario.ca]

**Sent:** Monday, March 05, 2018 10:20 AM

**To:** Becky Oehler <BOehler@walkerind.com>; Ashley Van Dinther <AVanDinther@walkerind.com>

**Cc:** Papageorgiou, Agni (MOECC) <Agni.Papageorgiou@ontario.ca>; Kuisma, Emilia (MOECC) <Emilia.Kuisma@ontario.ca>; Lafrance, Crystal (MOECC) <Crystal.Lafrance@ontario.ca>; McDonald, Dan (MOECC) <Dan.McDonald@ontario.ca>; Wrigley, Rob (MOECC) <Rob.Wrigley@ontario.ca>; Crompton, Dan (MOECC) <Dan.Crompton@ontario.ca>; Slivar, Bob (MOECC) <Bob.Slivar@ontario.ca>; Jutzi, Mallory (MOECC) <Mallory.Jutzi@ontario.ca>

**Subject:** Feb 21- Walker CLC meeting follow-up items for MOECC

Good morning Becky and Ashley,

Please find attached and below the information that was requested of the ministry at the February 21, 2018 CLC meeting.

Please let me know if you have any further questions.

Many thanks,  
Emilia

**Question: The CLC made a formal request for a map of all the locations. Emilia to look into what the ministry can provide.**

Please see the attached map.

**Question: How old are the ministry's HiVols used at each of the ministry's monitoring sites?**

The ministry's TE-5170 High Volume air samplers (HiVols), were installed at the current monitoring stations in August 2013. Three of the five units were brand new at the time of installation. The two remaining units were from available stock in the ministry's air laboratory. Some of the components in these units were up to 10 years old at the time of installation. The instruments consist of a weather-proof aluminum shelter, and various components (motor brushes, horns, rubber gaskets) which are replaced several times throughout each year, or as needed. All ministry HiVols are maintained and calibrated to ensure that samples are collected in accordance with the [Operations Manual for Air Quality Monitoring in Ontario](#).

Note- One of the four ministry monitoring locations in Beachville has two HiVol units at that location.

**Question: Why was the Bell building chosen as a site for the ministry's air monitor? What was the rationale.**

The ministry has operated an air monitoring station on Vine Street, Beachville, since 1975. This station was previously located on the roof of St. Anthony's school at 12 Vine Street. Due to an impending change in ownership of this property, the ministry relocated the station to the Bell property in 2017. The Bell property is located approximately 90 metres from the historical Vine Street monitoring site, which provides continuity in data collection and benefits data analysis. The ministry's [Operations Manual for Air Quality Monitoring in Ontario](#) contains guidelines for selecting and locating air monitoring equipment – there are considerations including distance from obstructions like trees and buildings, distance from roadways, height, power availability, and security. The ministry's station on the Bell property meets all this criteria.

Note - The monitoring instruments at this site are located on a platform and not on the roof of the Bell building. The ministry ensures that the site is maintained (vegetation is removed or maintained as needed, etc.).

**Question: Why were the ministry sites (all 4) chosen for air monitoring in the first place? What was the scientific rationale? Are they in the best locations?**

The ministry has carried out air monitoring in the Beachville area since 1975. The number and location of monitoring sites has changed over time.

Monitoring locations and parameters were chosen based on the sources that the ministry was interested in studying (specifically, particulate from major quarry operations in the Beachville area), prevailing wind directions, and logistical considerations, in accordance with the siting criteria outlined in the ministry's [Operations Manual for Air Quality Monitoring in Ontario](#) (including distance from obstructions like trees and buildings, distance from roadways, height, power availability, landowner permission and security). Based on the predominant westerly winds, the westernmost monitoring station is typically considered "upwind" of the quarry operations, and provides information on "background" air quality. The other locations were

selected to be downwind of local industrial sources of particulate. The ministry ensures that all of its monitoring stations are operated and maintained in accordance with the *Operations Manual*.

Note- The ministry's Beachville air monitoring program was designed to study the impacts of major quarry operations on local particulate levels. As part of Walker's Air Study Work Plan, Walker is required to monitor additional parameters associated with landfilling activities (sulphur compounds, volatile organic compounds, and additional particulate fractions). Walker will use this data to characterize ambient air quality as a part of their Environmental Assessment, which will evaluate the effects of the proposed undertaking on air quality.

Emilia Kuisma  
Issues and Projects Coordinator- London District Office  
Ministry of the Environment and Climate Change  
Ministère de l'Environnement et de l'Action en matière de changement climatique  
Phone: (519) 873-3060  
Email: [emilia.kuisma@ontario.ca](mailto:emilia.kuisma@ontario.ca)

## Re: For Eco studies

Darren Fry

**Sent:** Tuesday, April 10, 2018 11:12 AM

**To:** [REDACTED]; Becky Oehler; Joe Tomaino

**Categories:** Enterend into Staketracker- to be printed

Thanks [REDACTED] Hope all is well.

Joe - please Fwd these observations to Beacon.

Darren

---

**From:** [REDACTED]

**Sent:** Tuesday, April 10, 2018 10:44 AM

**To:** Darren Fry; Becky Oehler

**Subject:** For Eco studies

---

Hi

I just wanted to make sure that the Beacon is aware of the migrating tundra swans in our area. This year's sightings happened in first week in March at the following locations locally and are annual events.

Hwy 19 west near the North Town Line intersection  
Hwy 2 and line #45  
and on Trillium Line

They typically stay locally for about 2-3 days

Jpust in case they weren't out doing field work during those times, I wanted them to be included for consideration in the studies.

[REDACTED]



## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Tuesday, April 24, 2018 7:50 PM  
**To:** [REDACTED]  
**Cc:** Ashley Van Dinther; Joe Tomaino  
**Subject:** Re: Ecology field work - Thurs April 26

Hi [REDACTED]

I have no doubt you are well equipped to head out with the ecology crew! Probably more so because you know the area so well.

It's standard health and safety training for anyone doing work or accompanying work for Walker or Carmeuse, part of our policies. We'll try to keep it brief!

Unfortunately, most of it won't be relevant to this work, but if you accompany the crew into the working area of the quarry or to the flooded quarry, it will be more relevant.

Talk to you soon,  
Becky

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

**From:** [REDACTED]  
**Date:** 2018-04-24 5:19 PM (GMT-05:00)  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** RE: Ecology field work - Thurs April 26

I've spent my whole life in fields and woods – what's the safety training all about?

Sent from [Mail](#) for Windows 10

---

**From:** Becky Oehler <BOehler@walkerind.com>  
**Sent:** Tuesday, April 24, 2018 2:24:29 PM  
**To:** [REDACTED]  
**Cc:** Ashley Van Dinther; Joe Tomaino  
**Subject:** RE: Ecology field work - Thurs April 26

Hi [REDACTED]

Everyone will meet in our office parking lot at 8:15 pm. You may also be joined by Field Liaison Representatives from Mississaugas of the New Credit First Nation.

Before you join the field team, there is some health and safety training you'll have to take. Are you available Wednesday between 8:30 am and 4 pm or Thursday between 8:30 am and 12 pm to come into the office for 45 minutes? Ashley can

take you through the training, which involves information from Walker and Carmeuse. There will also be a health and safety briefing on the evening of the amphibian survey with Beacon.

You can let us know what time works for you, or drop into the office on Wednesday or Thursday. I'll be in the office on Wednesday, so maybe I'll see you there!

Thanks,  
Becky

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

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**From:** [REDACTED]  
**Sent:** Tuesday, April 24, 2018 2:03 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** Re: Ecology field work - Thurs April 26

I am available. Where can I meet them?

[REDACTED]

Sent from my iPad

On Apr 24, 2018, at 1:42 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

I hope you're both doing well. The amphibian survey will be carried out this Thursday evening (April 26<sup>th</sup>), starting around 8:30 pm. The survey is primarily auditory, so the ecologists go in the evening to listen for their calls. You both expressed interest in observing the ecology study, so please let me know if you're interested in participating. There is a lot more ecology coming up this spring, so if a night hike doesn't sound like your cup of tea, don't worry – there is much left to be done!

All the best,  
Becky

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

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[<image2c72d.JPG>](#)

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## Ecology Surveys - ELC & Vegetation Survey/ Dragonfly, Damselfly, and Butterfly Survey

Ashley Van Dinther

**Sent:** Wednesday, May 16, 2018 9:27 AM

**To:** [REDACTED]

**Cc:** Becky Oehler  
[REDACTED]

Hello everyone,

Here are the rough dates I was given for the following surveys

**ELC & Vegetation Survey** – Spring, (May 1- 15), Summer, (July 1- 15), Fall, (September 1 -15)

**Duration:** 6-8 Hours

**What:** 3 surveys will be conducted

So the next round will be in July, I will let you know Mike when a date has been set for this survey.

### Dragonfly, Damselfly, and Butterfly Survey

**Period 1** June 4 -15 ( This survey will likely take place either the weekend of June 2 or June 16)

**Period 2** July 2 - 13

**Period 3** July 30 – August 10

**Duration:** 6- 8 Hours

I will also let you know when a date has been confirmed for this survey as well

If you have any questions, please let me know.

Ashley

---

**From:** [REDACTED]

**Sent:** Tuesday, May 15, 2018 6:07 PM

**To:** Ashley Van Dinther <AVanDinther@walkerind.com>; [REDACTED]

**Cc:** Becky Oehler <BOehler@walkerind.com>

**Subject:** RE: Ecology Surveys for May 14- 18

Hi guys

As much as I would rather go for a “walk in the woods” instead of working on the house, I had better keep my nose to the grindstone. Having said that, I do want to oversee the new surveys – Ecological Classification & Vegetation Survey and the Dragon fly, Damselfly and Butterfly Surveys. Please give me as much warning as possible. Thanks

[REDACTED]

---

**From:** Ashley Van Dinther <AVanDinther@walkerind.com>

**Sent:** Monday, May 14, 2018 1:47:13 PM

**To:** [REDACTED]

**Cc:** Becky Oehler

**Subject:** Ecology Surveys for May 14- 18

Hi [REDACTED]

I hope you both a wonderful weekend!

I just wanted to see if there was any interest in observing these surveys.

The ecologist will be completing two turtle surveys this week. (Wednesday May 16<sup>th</sup> and Thursday, May 17<sup>th</sup>), as well as a night time amphibian call survey on Thursday May 17<sup>th</sup>. They will plan to meet at 9:00 am on the 16<sup>th</sup>, and at 10:00am on the 17<sup>th</sup>. At the Ingersoll office.

Based on the weather forecast for next week it looks like conditions will be suitable next Tuesday (the 22<sup>nd</sup>), Wednesday (the 23<sup>rd</sup>) and Friday (the 25<sup>th</sup>), so they plan on completing their next three survey's then. Starting at 9:00 am each day. They will review the weather conditions towards the end of this week and early next week.

Do either of you have any interest in observing the Ecological Land Classification & Vegetation Survey, Dragonfly, Damselfly & Butterfly Survey.

If you could please let me know if there are any other specific studies you wish to observe, please let me know so I may note them and contact you when a date has been scheduled.

Thanks

Ashley

**Ashley Van Dinther**

## RE: Follow up to last night's CLC meeting

Becky Oehler

Sent: Thursday, May 24, 2018 12:01 PM

To: [REDACTED]

Cc: Darren Fry

Hi [REDACTED]

Thanks for sending your thoughts about the upcoming meetings, it's very helpful for us in planning productive meetings that work best for you. I've forwarded your request regarding the air monitoring sites to Emilia at the MOECC, and we will take your other recommendations into consideration as we plan the upcoming meetings.

As per your updated timeline request – we will provide an updated timeline at the next meeting that also includes more detail about the dates and topics of CLC meetings.

Thanks again [REDACTED]

Becky

From: [REDACTED]

Sent: Thursday, May 24, 2018 10:33 AM

To: Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>

Subject: Follow up to last night's CLC meeting

Hi Darren and Becky

I got thinking about the concerns that [REDACTED] raised about the locations of some of the air monitors (in particular the Bell building one), and it got me thinking about all of them. I am wondering, since just a location on a map doesn't tell us the whole story, would it be possible for the MOECC to bring actual pictures of the monitors in relation to their surrounding areas. That way will have a better idea of what each location is like.

As per the baseline results and design and mitigation consultation with CLC; it would be beneficial to have the experts (at least the big 3 issues, air, water, traffic) available at the respective meetings to be able to answer our questions.

Optimally, it would be best for them to attend both baseline and design and mitigation, but if they are only available for one meeting, I personally would like to have them present for the baseline so they could explain what they found and summarize any variances to the work plans and why.

As discussed at last night's meeting, the less technical the better but it would be beneficial if they could compare their findings to any relevant standards in their industries so we could have a better understanding of how any design elements or proposed mitigation would be required when adding a landfill into the mix.

I am also wondering if the chart supplied in meeting 28 that lists the approximate timeframe for the studies

[http://www.walkerea.com/uploads/1146/Doc\\_636317353236972566.pdf](http://www.walkerea.com/uploads/1146/Doc_636317353236972566.pdf) could be updated to reflect the changes in dates so I could have a better visual.

My concern is that the year-long studies, and social, economic and health summaries would all be finished last and the ones of main concern will be jammed together at the end i.e. first finished, first presented. I would prefer to have the various studies more evenly distributed so we are not dealing with several "heavy" ones in the same meeting.

Just my thoughts

[REDACTED]

## **FW: Baseline Results, Design and Mitigation Consultation**

Darren Fry

**Sent:** Monday, May 28, 2018 11:17 AM

**To:** Info@walkerea.com

**Categories:** Printed and put in Binder

RoC - CLC

---

**From:** [REDACTED]

**Sent:** Thursday, May 24, 2018 12:12 PM

**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>

**Subject:** Baseline Results, Design and Mitigation Consultation

After the CLC meeting last night some consideration was given as to when and what study disciplines would be most beneficial to the group to have experts present regarding baseline results and design and mitigation. It is my shared belief that at a minimum experts (at least the big 3 issues, air, water, traffic) be available at the respective meetings to be able to answer our questions.

In my opinion, it would be best for them to attend both meetings as these have been identified by the community as high in interest. I think we need to be clear that both meetings are important for them to attend as I am sure we will want answers from the given disciplines directly.

I am also requesting some more information regarding the sump function and its design. Sorry, I just didn't take everything in as Darren explained. In addition, I am wondering if there are other mining industry features on the site that we may not be aware of or missed. If there are can you please provide?

Lastly, if you can provide an updated Gantt chart with study durations, I want to be able to accurately summarize to those interested.

[REDACTED]

[REDACTED]

## Leslie Galloway

---

**From:** Darren Fry  
**Sent:** Thursday, June 28, 2018 3:25 PM  
**To:** [REDACTED]  
**Subject:** RE: [REDACTED]  
**Attachments:** Water well Survey.pdf

Hi [REDACTED]

Yes, we/Golder have started the private well survey around the site. The survey is to obtain additional groundwater data from local private wells. This data will be added to the groundwater model being developed from our recently installed wells, municipal wells, Carmeuse wells, etc. Essentially, more data makes for a better groundwater model.

I've attached a copy of the survey for reference.

As a thank-you to residents, we're offering to sample their water (drinking water suite) and provide them with results.

If you have any questions, I'm free on my cell.

Thanks,  
Darren

**From:** [REDACTED]  
**Sent:** Thursday, June 28, 2018 3:14 PM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>  
**Subject:** [REDACTED]

Hi

I have received some inquiries from people in the Centreville area saying that people are wanting to check their wells. I explained that part of Golder's studies would include recording well levels to be inputted in the model. Can you confirm that this is happening now?

Thanks  
[REDACTED]



# CLC Meeting 33 - Materials

Southwestern Landfill Environmental Assessment

August 8, 2018

Dear CLC member,

Please find enclosed the materials for the upcoming CLC meeting on **Wednesday, August 22, 2018** at 6:00 pm (dinner will be available at 5:30 pm).

This meeting will focus on a presentation and discussion on Air Quality with Mallory Jutzi, Air Quality Analyst from the Ministry of Environment, Conservation and Parks (MECP), formerly the MOECC. In addition, Walker will provide information about upcoming CLC consultation activities and a review of the Facility Characteristics Assumptions

The Facility Characteristics Assumptions review is intended to provide members with a refresher on the features of the proposed facility prior to starting our discussion of the baseline scenario (current environmental conditions) in November. As requested at the May meeting, the FCA discussion will include detail about the current quarry sump and its integration into the Southwestern Landfill design.

## Enclosed Materials:

1. Agenda
2. Presentation – Field Work Update, Overview of Remaining Consultation Activities, Facility Characteristics Assumptions Review
3. Business Arising Report (items from CLC Meeting 32 – May 23, 2018)
4. Draft summary of CLC Meeting 32 (May 23, 2018)  
*Please let us know if you have any comments by August 31, 2018, after which it will be finalized and posted on our project website ([www.walkerea.com](http://www.walkerea.com))*
5. Transcript for CLC Meeting 32 (May 23, 2018)

Please let me know if you have any questions in advance of our meeting on the 22<sup>nd</sup>.

## Southwestern Landfill EA Facebook Page Launch

The Walker Environmental Southwestern Landfill Environmental Assessment (EA) team is happy to announce that they have launched a project Facebook page. On the page you will find information about the ongoing Southwestern Landfill EA, as well as Walker news. We recognize that many people use Facebook to access information each day, and we hope that this Facebook page will make it easier to stay up to date on the EA.

If you'd like to learn more, you can Like and Follow the page, titled "Walker Environmental Southwestern Landfill" on Facebook. At this time, we are not able to moderate comments, so any submitted comments will not be posted.

Warm regards,

Becky Oehler  
Community Engagement Manager  
905-680-3675, [boehler@walkerind.com](mailto:boehler@walkerind.com)

## Leslie Galloway

---

**From:** [REDACTED]  
**Sent:** Friday, August 10, 2018 4:10 PM  
**To:** Ashley Van Dinther  
**Cc:** [REDACTED]  
**Subject:** Re: Benthic Survey, Electrofishing, Aquatic Habitat Survey, Freshwater Mussel Survey

Hi [REDACTED]

Thank you very much for including me, I don't think I will be able to make it this time. However I would be interested in going to observe them when they do the lake studies, I know it was mentioned that we could observe from the east side of the lake or somewhere up the banks.

[REDACTED]

On Fri, Aug 10, 2018 at 11:53 AM, Ashley Van Dinther <[AVanDinther@walkerind.com](mailto:AVanDinther@walkerind.com)> wrote:

Hi [REDACTED]

We have been notified that the Benthic Survey, Electrofishing, Aquatic Habitat Survey, Freshwater Mussel Survey has been scheduled for Tuesday, August 14 and Wednesday, August 15th.

Would you be interested in observing these Studies?  
If so, please let me know so I can coordinate.

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

Ashley

**Ashley Van Dinther**  
Administrative Assistant  
Strategic Growth

---

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## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Wednesday, September 5, 2018 1:19 PM  
**To:** [REDACTED]  
**Subject:** RE: Question regarding Stoney Creek EA

Hi [REDACTED]

Thanks for this – it's a great question! Upon a quick review, you are correct in that they are proposing the continued use of the artificial hydraulic trap design which is a "site specific design". Since it is a site specific design and not the generic design that we are proposing for the SWLF, they are required to conduct a performance assessment of the proposed liner system (i.e., leachate transport modelling) under O. Reg. 232/98.

I hope this answers your question.  
Darren

**From:** [REDACTED]  
**Sent:** Wednesday, September 5, 2018 12:41 PM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** Re: Question regarding Stoney Creek EA

Hi Darren

I am reading [Section 6. Detailed Impact Assessment of the Undertaking](#) [https://drive.google.com/open?id=1sISU9xA5HQLZJbuz3sT4sDICIPZdTP\\_T](https://drive.google.com/open?id=1sISU9xA5HQLZJbuz3sT4sDICIPZdTP_T) where they are talking about potential effects on geology and hydrogeology on page 7 and yes they are referring to worst case scenario excluding the hydraulic control layer.

Since I sent you this question, I realized that they aren't proposing the double generic liner design that you are so it may make my question redundant relative to what you are proposing...sorry.

[REDACTED]

On Wed, Sep 5, 2018 at 12:03 PM Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)> wrote:

Hi [REDACTED]

Perhaps you can refer me to which section of the TP EA so I can review to better understand what it is you are referring to. I believe it relates worst case modelling for either convective or diffusive leachate flow across the liner (specific to the Terrapure EA).

I will review and given the complexity of this subject, would you like to schedule some time to meet and review in person. It would be helpful to engage Steve Hollingshead who is an expert in this field.

Let me know what works best for you.

Darren

**From:** [REDACTED]  
**Sent:** Wednesday, September 5, 2018 11:10 AM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>  
**Subject:** Question regarding Stoney Creek EA

Hi Darren

I am slowly working my way through the Stoney Creek EA and I came across where they did a leachate leakage model.

Forgive me as I have read a LOT since the work plans for Walker's proposal, but I don't recall any discussion on leachate leakage modelling being done here.

Did I miss it?

Will Walker be doing this modelling also?

Thanks

[REDACTED]

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

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November 16, 2018

Dear CLC member,

Please find enclosed the materials for the upcoming CLC meeting on **Wednesday, November 28, 2018** at 6:00 pm (dinner will be available at 5:30 pm).

The meeting will focus on the existing conditions for the ecology, economic, and air quality studies. A representative from Beacon Environmental will attend the meeting to discuss the existing conditions for ecology.

**Materials:**

1. Agenda
2. Presentation – Ecology, Economic, and Air Quality existing conditions
3. Business Arising Report – including two attachments:
  - Responses from Ministry of Environment, Conservation and Parks for questions raised at Meeting 33 (August 22, 2018)
  - Written responses to questions from MC
4. Draft summary of CLC Meeting 33 (August 22, 2018) – *please let us know if you have any comments by November 30, 2018, when it will be finalized and posted online*
5. Transcript for CLC Meeting 33 (August 22, 2018)

Please let me know if you have any questions in advance of our meeting on the 28<sup>th</sup>.

Warm regards,

Becky Oehler  
Community Engagement Manager  
905-680-3675, [boehler@walkerind.com](mailto:boehler@walkerind.com)

## Leslie Galloway

---

**From:** Darren Fry  
**Sent:** Sunday, October 14, 2018 7:03 PM  
**To:** [REDACTED] Becky Oehler; Joe Tomaino  
**Subject:** Re: An observation to include

**Categories:** Has been PDF'ed

Hi [REDACTED] - all is well with us, thanks. I hope you're enjoying the fall colours - they have arrived!

Joe - please forward [REDACTED] note below to Beacon. Thanks

Darren

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

**From:** [REDACTED]  
**Date:** 2018-10-13 9:40 AM (GMT-05:00)  
**To:** Darren Fry <DFry@walkerind.com>, Becky Oehler <BOehler@walkerind.com>  
**Subject:** An observation to include

Hi

Hope all is well.

I just wanted to share an observation that I have noticed for the last several years. There is a significant influx of gulls in the area at this time of year. They can be observed on the quarry lake, flying along the area of the Thames River and in fields. Obviously this is a seasonal thing that coincides with harvest season but the numbers are substantial.

I am hoping this can be looked at by the ecology experts and included in any baseline observations and taken into consideration during the cumulative studies.

Thank you

[REDACTED]

## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Friday, November 30, 2018 11:16 AM  
**To:** [REDACTED]; Becky Oehler; Joe Tomaino  
**Subject:** RE: Local info on woodland voles

Hi [REDACTED]

Thanks for this. We will provide this information to Beacon's ecologists so they can follow up with [REDACTED]

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Friday, November 30, 2018 10:50 AM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>; Joe Tomaino <JTomaino@walkerind.com>  
**Subject:** Local info on woodland voles

Hi

At the last meeting, Beacon was looking for further info on woodland vole sightings. The person who originally raised this issue lives beside the Centreville Pond and is more than willing to speak to your experts to clarify.

Her contact info is

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

## Leslie Galloway

---

**From:** Darren Fry  
**Sent:** Monday, November 19, 2018 11:49 AM  
**To:** [REDACTED] Becky Oehler  
**Cc:** Ashley Van Dinther  
**Subject:** RE: Can this be added to meeting materials?

**Categories:** Has been PDF'ed

Hi [REDACTED]

Thanks for this and we can surely provide some definitions as you have noted.

Regards,  
Darren

**From:** [REDACTED]  
**Sent:** Monday, November 19, 2018 9:57 AM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>  
**Subject:** Can this be added to meeting materials?

Hi

I am reading through the meeting materials for Nov 28<sup>th</sup>. I am hoping that you can include some definitions to make it easier to comprehend, and keep the meeting running smoothly. Is it possible to include definitions (perhaps Ministry) for the terms used by Beacon ie threatened, area sensitive, special concern, uncommon etc.

If they can't be sent out as an add-on to the materials, could they at least be done as hand-outs for the meeting?

Thank you

[REDACTED]



Virus-free. [www.avast.com](http://www.avast.com)

## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Wednesday, December 5, 2018 2:27 PM  
**To:** [REDACTED]  
**Subject:** RE: Project Officer

Hi [REDACTED]

Yes, as I understand Andrew Evers moved into a temporary supervisory role managing other files but has still been involved in the SWLF. Since the transition, we have been dealing directly with a new Special Projects Officer, Agni Papageorgiou.

Hope this helps.  
Best,  
Darren

**From:** [REDACTED]  
**Sent:** Wednesday, December 5, 2018 11:06 AM  
**To:** Darren Fry <DFry@walkerind.com>  
**Subject:** Project Officer

Hi Darren

Just curious as someone asked me.  
Has there been a project officer assigned to the proposal yet?  
I know that Andrew Evers had taken another position but it was my understanding that he would still oversee the project until one was assigned.  
Any update?

Thanks  
[REDACTED]

**From:** Info@walkerea.com  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Date:** Friday, February 15, 2019 10:33:51 AM  
**Attachments:** [Archived](#)

---

Good morning CLC members and alternates,

Please find attached the materials for the upcoming CLC meeting on **Wednesday, February 27, 2019** at 6:00pm (dinner will be available at 5:30pm).

The meeting will focus on the preliminary existing conditions for the Groundwater / Surface Water, Traffic, Social, and Archaeology studies. A representative from Golder Associates will be attending the meeting to discuss the preliminary existing conditions for Groundwater.

**Materials:**

1. Agenda
2. Presentation – Groundwater / Surface Water, Social, Traffic, Archaeology preliminary existing conditions
3. Business Arising Report
4. Draft summary of CLC Meeting 34 (November 27, 2018) – please let us know if you have any comments by February 28, 2019, after which it will be finalized and posted online
5. Transcript for CLC Meeting 34 (November 27, 2018)

Please let me know if you have any questions in advance of our meeting on the 27<sup>th</sup>.

Warm Regards,  
Becky Oehler



**From:** Becky Oehler  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Date:** Thursday, March 7, 2019 11:07:26 AM

---

Good morning CLC members and alternates,

I hope you're all doing well! As you know, the February 27<sup>th</sup> CLC meeting was postponed due to poor weather. We have coordinated a new date – **Wednesday, March 27, 2019**, 6-9 pm.

The meeting materials sent out for the February 27<sup>th</sup> meeting will be used at the March 27<sup>th</sup> meeting.

Please let me know if you have any questions.

Best wishes,  
Becky

## Becky Oehler

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**From:** [REDACTED]  
**Sent:** Friday, February 22, 2019 3:29 PM  
**To:** Becky Oehler  
**Cc:** Darren Fry; Joe Tomaino  
**Subject:** Re: Request for info

Thank you, I will check this out

Have a good weekend  
[REDACTED]

On Fri, Feb 22, 2019 at 12:06 PM Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

Hope you're doing well!

There's an online tool at <https://maps.thamesriver.on.ca/gvh/?viewer=tsrassessmentreport> that has a lot of information regarding source protection and the Wellhead Protection Areas. If you go to "Layers" at the bottom left you can turn things off and on to see different aspects. I will confirm with Golder if this is the dataset that they are using. If they are using specific maps, I will request copies for the CLC.

For the residential wells, we're considering how to provide information while respecting privacy concerns people may have. We're working on it, but I don't think we'll have it ready for the CLC meeting next week.

If you have any other questions, please let me know!

See you next week,

Becky

**From:** [REDACTED]  
**Sent:** Tuesday, February 19, 2019 9:42 AM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>; Joe Tomaino

<[JTomaino@walkerind.com](mailto:JTomaino@walkerind.com)>

**Subject:** Request for info

Hi

We are looking for all WHPA maps for Ingersoll, Beachville and any other place that might have municipal water around the proposed site.

We would also like to see the location of the 62 wells that are in the study area (referred to in presentation for upcoming meeting) and the location of the 7 they were able to test.

Hoping you can help us out with this.

Thanks



**Becky Oehler**, M.Sc.

Community Engagement Manager- Southwestern Landfill

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## Leslie Galloway

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**From:** Becky Oehler  
**Sent:** Friday, February 22, 2019 11:01 AM  
**To:** [REDACTED]  
**Subject:** Ingersoll & District Naturalist Club

Hi [REDACTED]

Hope you're doing well and staying safe during the crazy weather we've been having!

Beacon asked if anyone on the CLC is part of the Ingersoll & District Naturalist Club. Are you part of this club? If so, would it be ok for me to provide your contact information to Beacon so they could reach out to you? Or, would someone else from the club be willing to talk with them?

Thanks,  
Becky

## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Monday, February 25, 2019 11:41 AM  
**To:** [REDACTED]  
**Cc:** Darren Fry  
**Subject:** RE: I know this is short notice  
**Attachments:** Oxford\_Overview\_24x36.pdf; Hwy 401 From IC 208 to IC 216.pdf; Hwy 401 From IC 216 to IC 218.pdf; Hwy 401 From IC 218 to IC 222.pdf; Hwy 401 From IC 222 to IC 230.pdf; Hwy 401 From IC 230 to IC 232.pdf; Hwy 401 From IC 232 to IC 6.pdf; Hwy 401 From IC 235 to IC 238.pdf; Hwy 401 From IC 238 to IC 250.pdf; Hwy 401 From IC 238 to IC 268.pdf; Hwy 403 From IC 6 to IC 16.pdf; Hwy 403 From IC 16 to IC 27.pdf; Hwy 403 From IC 235 to IC 6.pdf; Oxford\_Overview\_11x17.pdf

Hi [REDACTED]

The maps we have were sent to us in 2016 (attached). Overview maps are included that have all of the EDR routes on them (rather than looking at each one individually as in the other maps)

Are there questions related to the EDR that are likely to come up at the CLC meeting? If so, I can make copies of these maps available for our conversation on Wednesday. If there are specific questions you can share, I'd be happy to talk to the traffic consultant ahead of time.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Monday, February 25, 2019 11:03 AM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Cc:** Darren Fry <DFry@walkerind.com>  
**Subject:** Re: I know this is short notice

Thank you very much  
See you on Wed

On Mon, Feb 25, 2019 at 11:02 AM [REDACTED] wrote:

On Mon, Feb 25, 2019 at 10:42 AM Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Hi [REDACTED]

I'll work on getting this for you!

Thanks,

Becky

**From:** [REDACTED]  
**Sent:** Monday, February 25, 2019 10:21 AM  
**To:** Darren Fry <[DFry@walkerind.com](mailto:DFry@walkerind.com)>; Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** I know this is short notice

Hi

I know this is short notice but I am hoping to get a copy of the official EDR map for our section of Oxford County.

Do you have access to that map? The one I have is outdated unfortunately.

Thanks

[REDACTED]

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

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**From:** [REDACTED]  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Date:** Tuesday, February 26, 2019 8:35:52 AM

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Good morning,

Due to the sudden death of an old friend, I will no longer be able to attend Wednesday's meeting. Please offer my place to someone else.

[REDACTED]

**From:** Info@walkerea.com  
**Sent:** Friday, February 15, 2019 10:33 AM  
**To:** Info@walkerea.com  
**Subject:** CLC Meeting Materials - Meeting 35 February 27, 2019

Good morning CLC members and alternates,

Please find attached the materials for the upcoming CLC meeting on **Wednesday, February 27, 2019** at 6:00pm (dinner will be available at 5:30pm).

The meeting will focus on the preliminary existing conditions for the Groundwater / Surface Water, Traffic, Social, and Archaeology studies. A representative from Golder Associates will be attending the meeting to discuss the preliminary existing conditions for Groundwater.

**Materials:**

1. Agenda
2. Presentation – Groundwater / Surface Water, Social, Traffic, Archaeology preliminary existing conditions
3. Business Arising Report
4. Draft summary of CLC Meeting 34 (November 27, 2018) – please let us know if you have any comments by February 28, 2019, after which it will be finalized and posted online
5. Transcript for CLC Meeting 34 (November 27, 2018)

Please let me know if you have any questions in advance of our meeting on the 27<sup>th</sup>.

Warm Regards,  
Becky Oehler

**From:** Becky Oehler  
**To:** [REDACTED]  
**Cc:** [Darren Fry](#)  
**Date:** Tuesday, February 26, 2019 2:01:24 PM

---

Hi [REDACTED]

Thanks for providing this question ahead of time. Happy to answer during the meeting, and we can also include it in the next business arising report or the meeting summary so that there is a written question and answer.

Thanks,  
Becky

**From:** [REDACTED]  
**Sent:** Tuesday, February 26, 2019 12:13 PM  
**To:** Becky Oehler <BOehler@walkerind.com>; Darren Fry <DFry@walkerind.com>  
**Subject:** Question for tomorrow night

Hi

I have told a member of the community that I will ask this question during CLC correspondence section of the agenda.

Thought I would give it to you first to give you a chance to prepare an answer.

If may even be easier for a written response so I don't misquote you

Thanks

[Question for Walker,...Is the Dump being located within the floodplain and if so what is the contingency plan when a flood occurs ?](#)



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**From:** Info@walkerea.com  
**To:** [REDACTED]  
**Bcc:** [Becky Oehler](mailto:Becky.Oehler@walkerea.com)  
**Date:** Wednesday, February 27, 2019 10:47:31 AM

---

Good morning [REDACTED]

We are postponing tonight's CLC meeting (Feb 27, 2019) due to weather advisories about significant snowfall and hazardous driving conditions. Safety is our top priority, so please stay safe if you must be on the roads today!

Weather advisories across Oxford County, Toronto, and Niagara say that the most dangerous driving conditions will be during the evening commute, before and during the start time of our CLC meeting.

We are currently working on a setting new date for the CLC meeting. We expect the new date to be on a Wednesday, as this day usually works for everyone. We will let you know when the new date is set.

Please stay safe on the roads today!

Best wishes,  
Leslie Galloway

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**From:** [REDACTED]  
**Sent:** Monday, December 17, 2018 2:10 PM  
**To:** Info@walkerea.com  
**Subject:** RE: Attendance at February 27th CLC meeting

Hi, Ashley... thank you very much. Cheers, [REDACTED]

---

**From:** [Info@walkerea.com](mailto:Info@walkerea.com) [<mailto:Info@walkerea.com>]  
**Sent:** Monday, December 17, 2018 12:49 PM  
**To:** [REDACTED]  
**Subject:** RE: Attendance at February 27th CLC meeting

Hi [REDACTED]

Thank you for your email. I have added you to our observer list for the CLC Meeting 35. Scheduled for Wednesday, February 27, 2018.

Dinner is available at 5:30pm the meeting will begin at 6:00pm

Should you have any further questions, please don't hesitate to contact us.

Kind Regards,

Ashley

**From:** Becky Oehler  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)  
**Date:** Thursday, March 7, 2019 11:07:26 AM

---

Good morning CLC members and alternates,

I hope you're all doing well! As you know, the February 27<sup>th</sup> CLC meeting was postponed due to poor weather. We have coordinated a new date – **Wednesday, March 27, 2019**, 6-9 pm.

The meeting materials sent out for the February 27<sup>th</sup> meeting will be used at the March 27<sup>th</sup> meeting.

Please let me know if you have any questions.

Best wishes,  
Becky

**Leslie Galloway**

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**From:** Becky Oehler  
**Sent:** Thursday, March 7, 2019 11:10 AM  
**To:** [REDACTED]  
**Subject:** RE: [EXT] POSTPONED: Tonight's CLC Meeting (Weather Advisories)

Hi [REDACTED]

I just sent out an email to let everyone know that the CLC meeting has been re-scheduled for March 27<sup>th</sup>. I know you won't be able to make it that day. If you have any questions or if you'd like to discuss the meeting materials/topics, you can call me anytime on my cell at 289-257-1680 or we could set up a time to discuss that's convenient for you.

Take care,  
Becky

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**From:** [REDACTED]  
**Sent:** Wednesday, February 27, 2019 10:09 AM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** RE: [EXT] POSTPONED: Tonight's CLC Meeting (Weather Advisories)

Hi Becky.

Thank you. I hope you are home safe and sound and not driving.

As far as March, I am not available March 6, 20 or 27<sup>th</sup>.

Thanks

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

P Before you print think about the environment

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**From:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Sent:** February 27, 2019 10:04 AM  
**To:** [Info@walkerea.com](mailto:Info@walkerea.com)

**Subject:** [EXT] POSTPONED: Tonight's CLC Meeting (Weather Advisories)

**Importance:** High

Good morning CLC members and alternates,

We are postponing tonight's CLC meeting (Feb 27, 2019) due to weather advisories about significant snowfall and hazardous driving conditions. Safety is our top priority, so please stay safe if you must be on the roads today!

Weather advisories across Oxford County, Toronto, and Niagara say that the most dangerous driving conditions will be during the evening commute, before and during the start time of our CLC meeting.

We are currently working on a setting new date for the CLC meeting. We expect the new date to be on a Wednesday, as this day usually works for everyone. Please feel free to email me with your availability and we will do our best to accommodate everyone's schedules.

Please stay safe on the roads today!

Best wishes,  
Becky

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

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## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Friday, March 29, 2019 3:48 PM  
**To:** [REDACTED]  
**Cc:** Emily Sykes; Steve Hollingshead  
**Subject:** RE: From last night's CLC

Hi [REDACTED]

To respond to your questions/comments below (in the respective order):

1. We can surely commit to continue to fund Anneliese's time to support the CLC for the remainder of the proposed CLC meetings. I'll add that we have used an mutually agreed estimate on the order of 25 hours/mo. (for months when meetings are scheduled) that we understand has been sufficient in providing Anneliese the necessary preparation time, travel/meeting time and misc. CLC support before/after the meetings. We have also agreed that if circumstances arise where some additional time is required by Anneliese/the CLC, Walker would be reasonable in working with the CLC to accommodate its needs. Specifically, Anneliese's time to review key elements of the Draft EA report and assist the CLC in formatting any comments, come to mind. I'll speak with Anneliese to get her thoughts on this.

We think continuing this approach for the remaining 3 scheduled meetings including some additional time for Anneliese to familiarize herself with the Draft EA should be sufficient during the Draft EA review period. We can discuss at future meetings what additional support may be required by the CLC once the Final EA is submitted to the Minister. Lastly I'll just note for clarity as we consider the CLC needs from Anneliese post Final EA submission, Anneliese's role as the Independent EA Advisor is to advise the CLC on the requirements of the EA process.

I hope this helpful and will reiterate that we're open to any additional input from the Committee and Anneliese on this matter.

2. We'll respond to this question under separate cover. As you heard from the CA at the recent CLC meeting; they are updating floodplain mapping at the moment but I will add that based on previous mapping, the proposed facility was not within a floodplain.
3. As you are aware, the EA process is an iterative and long process. There are almost always questions that arise early in the process that cannot be answered until the end of the process (ie. impacts, mitigation, net effects). There are also questions or issues that arise and depending on their nature, are addressed in subsequent approvals such as EPA (ie. detailed facility design elements) and aren't fully answered in the EA.

The EA is a planning process that assesses normal operating conditions/scenarios of a project. As you note, there is flexibility that allows a proponent to consider emergency or 'upset' conditions to demonstrate how such conditions could be managed. The EDR issue is a great example of this and although an emergency road closure is not a normal scenario, Walker will commit to identify this as a concern raised by the community and address it in the EA under Contingency Plans.

Thank you for clarifying these items and there is no need to apologize – you have clearly articulated these items and concerns so that they can be considered and addressed.

Warm regards,  
Darren

**From:** [REDACTED]

**Sent:** Thursday, March 28, 2019 10:30 AM

**To:** Darren Fry <DFry@walkerind.com>

**Subject:** From last night's CLC

Hi Darren

Hi Darren

Just a few follow-up things from last night's meeting:

1. At the after meeting with Anneliese, we were concerned about continuing to have her expertise to help us with our response to the Draft and Final EA. We are asking you how much and to what degree we can use Anneliese.
2. The question from the community member re: flood plain. I am hoping that you can send a written response so I can share with that community member. Just to refresh his question was; [Question for Walker, Is the Dump being located within the floodplain and if so what is the contingency plan when a flood occurs ?](#)
3. I tried to raise some issues and was inept at it so I thought I would try and clarify:

The concern that I wasn't communicating well was that the community's biggest complaint in this process is they were consistently told that Walker wouldn't have answers until after the EA studies were completed. Now that we are getting close to the EA finalization, I am seeing that some issues (that won't be dealt with until other approvals if the EA is approved) will not have a definitive answer in the EA. We would like to see some assurance that these issues **will** be addressed in some form (making our input traceable).

I realize that the EDR won't be studied but I am requesting that the subject of unplanned closures or congestion due to collisions on the 401 be included as a **commitment in section 8.4 Contingency Plans; to produce plans and procedures to deal with emergency or upset conditions that can be anticipated.**

I apologize that in my frustration about the impacts I experience got me a little off track to the points I was trying to make. I hope this clarifies what I was trying to get at.

Thanks

[REDACTED]

# Traffic Study Questions from CLC Meeting #35

## Responses Provided by HDR (Traffic Study Consultant)

### 1) Methodology questions:

---

#### a. Were types of vehicles noted?

Response: Different type of vehicles were examined in the traffic study, including cars, medium trucks, and heavy trucks. School buses were classified as medium trucks but can be separated depending on the data sources. We understand there are farm vehicles but none were observed and none were specifically categorized in the traffic count sources. Example breakdown of medium and heavy truck percentages are summarized in the following table:

**Table 1: Truck Distribution – Extracted from Existing Data and Applied to Forecast Traffic**

Type	Location	AM Peak Hour	PM Peak	SAT Peak
Medium Truck	Passing Through Beachville / CR 6	30%	29%	35%
	Study Area Network	29%	28%	37%
Heavy Truck	Passing Through Beachville / CR 6	70%	71%	65%
	Study Area Network	71%	72%	63%

#### b. Were emergency events studied over the past year?

Response: Emergency events in which the EDR route was used along Highway 401 from 2013 to 2018 were studied over the past years based on the data provided by MTO. A total of 32 events occurred between 2013 and 2018, including twenty-six events related to collision, two events related to bridge construction, one event related to animal control, one related to OPP closure, and one related to weather conditions. Other than reporting/document these events, the traffic study does not comment or include any analysis of the EDR which are outside the haul route study corridor (i.e. south of Highway 401).

#### c. Was the use of engine breaks documented?

This is outside the scope of the traffic study.

#### d. Were road conditions (ie. pavement conditions, shoulder conditions) observed and reported?

Response: The road pavement conditions were observed and reported based on our field visits. There will be no geotechnical or pavement analysis conducted as this is outside the scope of the traffic study.

Beginning in the north end of the study area, the pavement condition along Country Road 6 can be characterized as:

- “Good” from Dundas Street to south of Beachville Road, except for:
  - Directly in front of the existing site driveways (2) where there are potholes and the condition is “poor”.
- “Fair” from south of Beachville Road to just south of the Highway 401 interchange, except for:
  - The north-south approaches at Beachville Road where the condition is “poor”; there is quite a bit of shoving and/or rutting occurring due to the high number of trucks stopping here;

- Potholes, transverse and longitudinal cracking at Clark Road where the condition is “poor”;
- Potholes, transverse and longitudinal cracking at the Highway 401 interchange where the condition is “poor”;
- “Fair” to the south of the Highway 401 interchange to Curry Road.

Shoulders were in good conditions during the field visit. Cars, medium trucks and heavy trucks have been observed to park on the shoulder.

**e. If school bus safety was factored into the study**

Response: School bus safety was factored into the study as it relates to documenting their volumes, routes, and observing their influence on intersection and bus stop operations. There were no historic school bus collisions on County Road 6. The traffic counts of existing traffic volumes considered the existing buses under medium truck category. As the existing traffic operations of the overall intersections are currently operating under acceptable performance levels, there were no operational issues related to school buses.

School buses which travelled on County Road 6 during the AM and PM periods were counted and summarized in the following table. These bus counts were incorporated into traffic and safety analysis of impacts of the increased truck volumes.

**Table 2: AM Peak Period Total Bus Counts (on County Road 6)**

Intersection	Northbound Approach	Southbound Approach	Eastbound Approach	Westbound Approach	Total
Road 66	1	0	1	1	3
Beachville Road	2	0	4	3	9
Karn Road	2	0	5	0	7
Clarke Road	3	1	2	1	7
Highway 401 North Ramps	1	3	1	4	9
Highway 401 South Ramps	2	6	0	0	8

**Table 3: PM Peak Period Total Bus Counts (on County Road 6)**

Intersection	Northbound Approach	Southbound Approach	Eastbound Approach	Westbound Approach	Total
Road 66	0	0	1	1	2
Beachville Road	0	0	3	5	8
Karn Road	0	1	1	4	6
Clarke Road	2	1	2	1	6
Highway 401 North Ramps	3	2	0	0	5
Highway 401 South Ramps	8	2	1	0	11



**f. Frequency of train movements – how you studied train movements (number, timing, etc.); how many trains/queueing were observed?**

Response: Train arrival is very random, and field observations within four days (October 17, 18; November 10, 15 in 2018) did not find any train arrival within the targeted surveyed time periods for those days. Therefore, HDR commissioned a video recording near the train track for six days from Feb 25, 2019 to March 02, 2019. The results for the frequency of train movements and queuing caused by the arrival of the train were summarized below:

- The maximum road blockage time by a train was 0:01:26 and the minimum road blockage time by a train was 0:00:20;
- The maximum queue was 3 vehicles. The distance between the train track and the intersection is 60 metres, which should be sufficient for 3 vehicles.

**g. Do you factor in how quickly a truck can top depending on seasonal conditions? How are winter driving conditions as well as snow removal vehicles factored in?**

Response: Winter truck performance was not part of the traffic study scope. There were no observations conducted during winter conditions, including observations of snow removal vehicles.

**h. Provide the standard methodology for determining the level of congestion in an intersection.**

Response: The level of congestion is measured by factors such as volume to capacity ratio (v/c ratio) and Level of Service (LOS). Level of service is based on the average control delay per vehicle for a given moment; while the volume to capacity (v/c) ratio is a measure of the degree of capacity utilized at an intersection. Delay is an indicator of how long a vehicle must wait to complete a movement and is represented by a letter between 'A' and 'F', with 'F' being the longest delay. The LOS is determined by how long a vehicle waits at an intersection, which includes any traffic control (signal) delay and delay caused by queues or waiting for a gap (for turning at unsignalized intersections).

There are 6 categories of LOS as shown in the table below. The descriptions under the “flow type” and “service” column are paraphrases from the County of Oxford (used in the TMP) and are slightly different when compared to the Highway Capacity Manual (HCM) definitions.

**Table 4: Level of Service Definitions used by County of Oxford**

Level of Service	Delay in Seconds <sup>1</sup> (Signalized Intersection)	Delay in Seconds <sup>2</sup> (Unsignalized Intersection)	v/c ratio <sup>3</sup> (of link)	Flow Type	Service <sup>4</sup>
A	≤10	≤10	0 to 0.59	Free Flow	Uncongested
B	> 10 and ≤20	> 10 and ≤15	> 0.60 to 0.69	Stable Flow	Low Potential For Congestion
C	> 20 and ≤35	> 15 and ≤25	> 0.70 to 0.79	Stable Flow	Low Potential For Congestion
D	> 35 and ≤55	> 25 and ≤35	> 0.80 to 0.89	Unstable Flow	High Potential For Congestion
E	> 55 and ≤80	> 35 and ≤50	> 0.90 to 1.00	Capacity	Congested
F	> 80	> 50	> 1.0	Forced Flow	Congested With High Potential For Diversion In Network That Results In System Wide Failure

<sup>1</sup> HCM 2000

<sup>2</sup> HCM 2000

<sup>3</sup> Oxford County Transportation Master Plan Study (2009)

<sup>4</sup> Oxford County Transportation Master Plan Study (2009)

## **2) Concern to be provided on behalf of CLC:**

---

A CLC member noted very small shoulder on the hill near the County Rd 6/Beachville Rd intersection. Concern about lack of safe place for vehicle repair should trucks break down while climbing.

Response: The shoulder conditions were observed to be in good condition during our field visit. The shoulder widths are approximately 2.5m and were generally consistent on both sides of County Road 6 throughout the study area, based on our field visit and the Road Network Assessment Report prepared by Oxford County. The width may be tight for trucks to be fully stopped within the shoulder but these are standard shoulder widths. We did not observe any truck break downs.

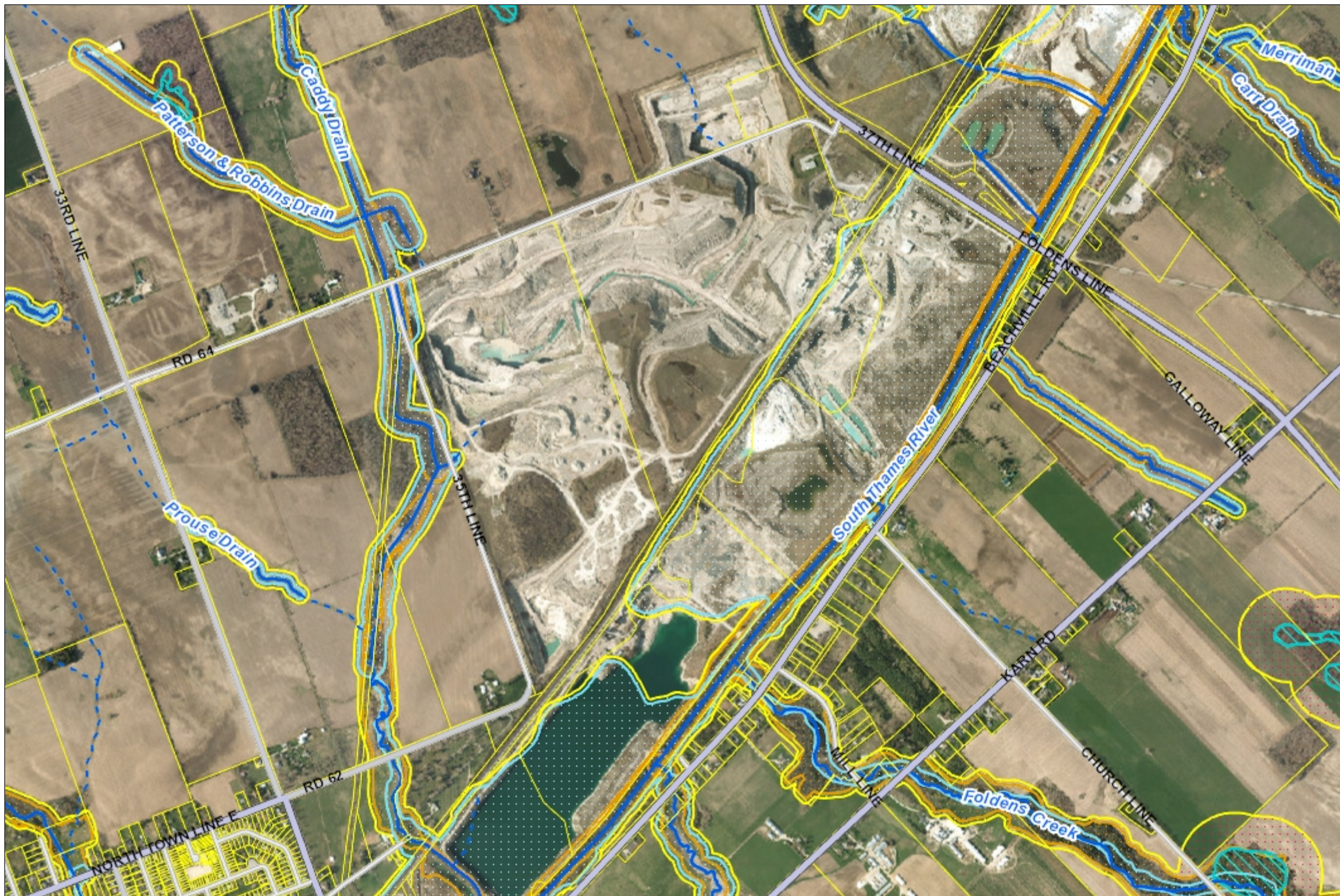
## **3) Other Questions**

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### **a. County traffic study stating County Rd. 6 will have capacity constraints in the future – how is this being factored into the study?**

Response: Based on the annual average daily traffic (AADT) and traffic volume data provided by the County and collected by HDR, we used a 1% growth rate for the traffic volumes, which was consistent with the population growth rate and employment growth rate provided in the Oxford County Transportation Master Plan. In our future conditions analysis, we did not observe or determine any capacity issue for southbound traffic on County Road 6, north of Highway 401.





# Regulation Limit

Regulation under s.28 of the *Conservation Authorities Act*  
 Development, interference with wetlands, and alterations  
 to shorelines and watercourses. O.Reg 157/06, 97/04.

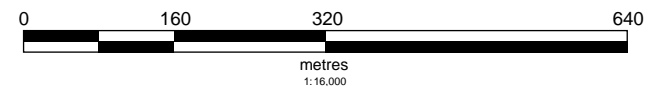
## Legend

- Road Labels (1:64K)
- Road (1:64K)
  - Freeway
  - Expressway / Highway
  - Arterial
  - Collector
  - Local Street
  - Ramp
- Assessment Parcel
- Watercourse
  - Open
  - Tiled
- Unevaluated Wetland (UTRCA)
- Flooding Hazard
- Erosion Hazard
- Wetland Interference
- Regulation Limit

The Regulation Limit depicted on this map schedule is a representation of O.Reg 157/06 under O.Reg 97/04.  
 The Regulation Limit is a conservative estimation of the hazard lands within the UTRCA watershed. Depending on the specific characteristics of the hazard land and the land use proposed, the Regulation Limit may be subject to change.  
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 This map is not a substitute for professional advice. Please contact UTRCA staff for any changes, updates and amendments to the information provided.  
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Notes:  
 Proposed Landfill - (current Beachville Quarry), Township of Zorra  
 Map 1 of 5 - Natural Hazard Features  
 Created By: KW5 March 22, 2012

\* Please note: Any reference to scale on this map is only appropriate when it is printed landscape on legal-sized (8.5" x 14") paper.



**UPPER THAMES RIVER**  
 CONSERVATION AUTHORITY  
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## Leslie Galloway

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**From:** Becky Oehler  
**Sent:** Friday, April 26, 2019 12:16 PM  
**To:** Info@walkerea.com  
**Subject:** CLC Meeting 35 - Follow Up Materials  
**Attachments:** BA Report - Meeting 35.pdf; CLC Meeting 35 Summary\_draft.pdf; CLC Meeting 35 Transcript.pdf

Good afternoon CLC members and alternates,

Please find attached follow-up materials to CLC Meeting #35, held on March 27, 2019. Materials include:

1. Business Arising Report – including three attachments:
  - CLC Annual Review Summaries (2017 and 2018)
  - Responses to questions regarding the traffic study from HDR (traffic consultant)
  - Map from Upper Thames River Conservation Authority showing flood hazard areas
2. Draft summary of CLC Meeting 35 – *please let us know if you have any comments by May 15, 2019, when it will be finalized and posted online*
3. Transcript for CLC Meeting 35

The date for the next CLC meeting is not yet finalized. As requested by CLC members at the March 27<sup>th</sup> meeting, the next CLC meeting will be set approximately one week after the Draft EA is released, on a Tuesday or Wednesday. We anticipate this meeting to occur in early summer.

Please let me know if you have any questions in advance of our next meeting.

Warm regards,

Becky

## Leslie Galloway

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**From:** Becky Oehler  
**Sent:** Friday, April 26, 2019 12:16 PM  
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Please let me know if you have any questions in advance of our next meeting.

Warm regards,

Becky

# Southwestern Landfill CLC #35 – Meeting Summary

**Date:** March 27, 2019  
**Time:** 6:00 p.m. – 9:30 p.m.  
**Location:** 160 Carnegie Street, Ingersoll (Lower Meeting Room)  
**Start Time:** 6:05 pm

## MEETING SUMMARY

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The primary purpose of CLC Meeting 35 was to discuss the preliminary existing conditions (current local environment) that were studied as part of the groundwater, surface water, traffic, social, and archaeology studies. There was also an update on the air quality monitoring, with additional results since the previous meeting in November 2018.

## MEETING DETAILS

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### Q&A from Previous Meeting (*Agenda Item #3*)

- A question was asked about what would happen if the EA legislation was changed after the Terms of Reference (ToR) was approved but before the EA was submitted. The response was that once a ToR is approved, the project proponent has the right to complete and submit the EA.
  - A CLC member stated that there was a case where an EA was stopped by the Ministry after the ToR was approved but prior to EA submission. This CLC member was asked to provide this case to the EA Advisor for review.

### Summary of CLC Quality Review Survey, Presented by CLC Facilitator (*added to Agenda*)

- Feedback was provided from only three members. Those responding felt that the CLC is adhering to the purpose of the group and the quality of the discussion is acceptable.
- CLC feel that they would like more wholesome answers instead of seeing generic information, however previous CLC feedback stated a wish to have more summarised information. Finding balance is important.
- Reminder for all parties in the room to participate in a respectful way.
- Additional comments provided during the discussion were as follows:
  - CLC members would like to receive business arising report and transcript more quickly when there are long gaps between meetings; Walker to providing within one month
  - CLC member would like to see raw data from the current and previous survey - facilitator to provide raw data

### Preliminary Existing Conditions & Discussion (*Agenda Item #4*)

The full presentation is available online at [http://www.walkerea.com/uploads/1293/Doc\\_636900607294063351.pdf](http://www.walkerea.com/uploads/1293/Doc_636900607294063351.pdf)

### Groundwater – Presented by Keith Lesarge, Golder & Associates

The groundwater study found that the current local groundwater environment is consistent with previous studies in the area. Groundwater in the local area flows inward toward the quarry because Carmeuse dewateres the quarry. Information about data collection was also shared.

#### Discussion Summary:

- Karst environment assessed during 3 site visits during wet and dry conditions, site photographs, and review of multiple core samples. Walker to provide a summary of karst findings when available.

## *Southwestern Landfill CLC #35 - Meeting Summary*

- Discussion about landfill design and the term “inward gradient”, regarding the definition of this term and its use in the design of the Southwestern Landfill. Walker to consider new discussion tools for this topic and include a discussion at a future meeting.
- Concern regarding low participation in the Private Well Survey. Golder notes that the pool of collected data is more than sufficient to draw conclusions regarding ground water in the area.
- Golder and Upper Thames River Conservation Authority are communicating regularly regarding groundwater models.

### **Surface Water – Presented by Keith Lesarge, Golder & Associates**

The surface water study found that both flow rates and water quality results for water bodies in the local area are consistent with expected results for agricultural areas in Southern Ontario. Both flow rates and water quality vary seasonally, with conditions typical of an agricultural environment.

#### Discussion Summary:

- Golder Associates is conducting the groundwater/surface water study and providing landfill engineering expertise to Walker. A CLC member raised a concern that Golder will benefit if the landfill is approved. Walker understands this concern, but notes that Golder’s employees are professionals and are bound to a strict code of professional ethics. As part of the peer review and government review process, the study results will be reviewed by other groundwater and surface water experts.
- Keith Lesarge confirmed that the flooded quarry (quarry lake) is included in the study including its interaction with groundwater in the area.

### **Traffic – Presented by Darren Fry, Walker Environmental Group**

The traffic study identified both weekday peaks (7:30-9:30am & 3:45-5:30pm) as well as weekend peaks (12:00-1:45pm) of vehicle counts in the study area. All current intersection wait times were deemed to have a “low potential for congestion” with the exception of the eastbound 401 off-ramp to Count Rd. 6 during the weekday afternoon peak (3:45-5:30pm). The westbound off ramp, although shorter than ideal, meets MTO requirements for existing conditions.

#### Discussion Summary:

- Landfills only receive waste during hours of operation. However, trucks are allowed to wait at the scales prior to opening as well as leave the facility just after closing.
- CLC members request additional information on the traffic study methodology, including for the assessment of intersection operations (see Business Arising Report). Walker to confirm with traffic consultant
- CLC member noted there is a very small shoulder on the hill near the County Rd 6 intersection with Beachville Rd. Consequently, concern was expressed by the CLC member about the lack of a safe place for a truck to pull over if there is a malfunction. Walker agreed to provide this input to the traffic consultant for consideration.
- CLC members expressed concern about planning for Highway 401 road closures. The Traffic study recognizes rerouting of the 401 due to emergencies is an issue of concern, therefore Walker agreed to include a list of potential traffic contingency measures in the EA. These contingency plans will be considered during post-EA approval.

### **Social – Presented by Darren Fry, Walker Environmental Group**

An overview of the types of field work conducted along with the key results gathered from the Local Resident Survey was provided.

## Southwestern Landfill CLC #35 - Meeting Summary

The field work conducted included:

- Recreational User Survey
  - Stakeholder Interviews
  - Kitchen Table Meetings
  - Public Attitude Survey (phone)
  - Local Resident Survey (mail)
- All residents in the vicinity of the site were sent the local resident survey
  - Study gathered information on what people value about their community, how they use their properties, and challenges facing their community.

### **Archaeology – Presented by Darren Fry, Walker Environmental Group**

The archaeology study did not identify any archaeological sites in the study area, and found a very small amount of calcined bone which was deemed insignificant. However, assessment of the leachate treatment plant area as well as the new section of the haul route still need to be assessed when the ground thaws.

### **CLC Correspondence (Agenda Item #5)**

#### **Air Quality Update – Presented by Darren Fry, Walker Environmental Group**

The air quality study will be completed on April 2<sup>nd</sup> marking a full year. Results gathered since the November meeting include: no exceedances of total suspended particulates (dust), no chloroform exceedances, two exceedances of hydrogen sulphide and three exceedances of total reduced sulphur (at two different locations).

#### **Discussion Summary:**

- The Ministry of the Environment, Conservation and Parks (MECP) will review the full year of data, including the identified exceedances.
- The MECP air monitoring station at the Bell building used to be in a different location. CLC member notes importance of reviewing the data to see if there was a significant change in results when the station location changed, and how this may affect the Southwestern Landfill air quality study. Walker to discuss with their air quality consultant (RWDI)

### **Action Items & Next Meeting (Agenda Item #6)**

#### **Release of Draft EA:**

- Tentative release date for Draft EA – end of June
- Discussion about format (i.e. electronic copy for download, copy of memory stick, hard copy) of the Draft EA for distribution to CLC members - Walker will work to accommodate requests for various formats.
- A CLC member suggested that Walker provide a the CLC with the table of contents in order for CLC members to determine which parts of the document they will want to receive, and become familiar with the general outline of the document.

#### **Next Meeting:**

- Next meeting to be held approximately one week after release of the Draft EA, on a Tuesday or Wednesday.

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Meeting Adjourned at 9:24pm

Notes Prepared by: Leslie Galloway

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Southwestern Landfill CLC #35 - Meeting Summary

**CLC INPUT**

The table below tracks input from CLC members, including the topic, input, and Walker’s response or action.

Topic	Input	Response/Action
CLC Annual Review	CLC members would like to receive business arising report and transcript more quickly when there are long gaps between meetings.	Walker to transcript and business arising report within one month.
Groundwater	Walker to consider new discussion tools for the topic of “inward gradient” and other groundwater scenarios and include a discussion at a future meeting.	Walker to follow up at a future meeting.
Traffic	CLC member noted very small shoulder on the hill near the County Rd 6/Beachville Rd intersection. Concern about lack of safe place should a truck break down or need to pull over at the bottom of this hill.	Walker to provide input to traffic consultant for consideration.
Traffic	CLC members concerned about the lack of data collected regarding the use of engine breaks at the intersection Rd. 6 northbound, as well as the lack of data collected regarding the frequency of train movements.	Walker to follow up with traffic consultant for more information on what was included in the study, and to provide CLC concern.
Traffic	CLC members expressed concern about planning for 401 road closures.	Walker to include a list of potential traffic contingency measures in the EA. These contingency plans will be considered during post-EA approvals.

## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Friday, May 3, 2019 12:58 PM  
**To:** Info@walkerea.com  
**Subject:** Timing of Draft EA

Good afternoon CLC members and alternates,

At the March 27, 2019 CLC meeting #35, Walker noted that the Draft EA may be released in June. We have re-evaluated our project schedule and it is more likely that the Draft EA will be released at a later date. With this in mind, we can confirm that there will not be a CLC meeting in June.

Once we have more information about the timing of the release of the Draft EA, we will let you know.

Please let me know if you have any questions in advance of our next meeting.

Have a great weekend,  
Becky

## Leslie Galloway

---

**From:** Darren Fry  
**Sent:** Monday, May 6, 2019 7:18 PM  
**To:** [REDACTED]; Becky Oehler  
**Subject:** Re: I need your permission

Hi [REDACTED]

Feel free to share as you see appropriate.

Darren

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

**From:** [REDACTED]  
**Date:** 2019-05-06 5:53 PM (GMT-05:00)  
**To:** Darren Fry <DFry@walkerind.com>, Becky Oehler <BOehler@walkerind.com>  
**Subject:** I need your permission

Hi

I don't share the info from the CLC meetings until you make them public (at which time I refer to the link on your website) however, I noticed in the business arising report that you answered the question that I sent in from a community member re:flood plain

I am wondering if it would be okay to share THAT response (ONLY) with the community member who asked the question, I would also like to attach the map from UTRCA that is in the B.A. report

The Upper Thames River Conservation Authority is currently in the process of updating their floodplain mapping. According to the most recent flood mapping, done in the late 80's and early 90's, the proposed Southwestern Landfill does not sit within the flooding hazard area (floodplain) of the Thames River. (see attached map)

Thanks

[REDACTED]



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## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Wednesday, May 8, 2019 11:53 AM  
**To:** [REDACTED]  
**Subject:** RE: Timing of Draft EA

Hi [REDACTED]

Thanks for your email. Hopefully you can attend some of the upcoming meetings! If you end up not being able to attend but would like to review any of the material with us or discuss any input or concerns in person, please let me know. We can definitely set up a time/place to meet that's convenient for you.

All the best,  
Becky

---

**From:** [REDACTED]  
**Sent:** Friday, May 03, 2019 3:46 PM  
**To:** Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
**Subject:** Re: Timing of Draft EA

Thanks Becky  
I hope to be able to participate in meetings again after July.

Yours in Horticulture.Sent from my iPhone

On May 3, 2019, at 12:58 PM, Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:

Good afternoon CLC members and alternates,

At the March 27, 2019 CLC meeting #35, Walker noted that the Draft EA may be released in June. We have re-evaluated our project schedule and it is more likely that the Draft EA will be released at a later date. With this in mind, we can confirm that there will not be a CLC meeting in June.

Once we have more information about the timing of the release of the Draft EA, we will let you know.

Please let me know if you have any questions in advance of our next meeting.

Have a great weekend,  
Becky

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

## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Friday, May 10, 2019 11:07 AM  
**To:** [REDACTED]  
**Subject:** RE: a quick question

Hi [REDACTED]

Yes, it is correct to say the Draft EA will include a summary of existing environmental conditions in the community. As you know, that includes the natural, social, and economic environment.

Thanks for your question!  
Becky

---

**From:** [REDACTED]  
**Sent:** Friday, May 10, 2019 11:03 AM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Subject:** a quick question

Hi Becky

I am busy working on a video to explain what is happening and what will happen so the community stays informed.

I have a list from the Walker website "happening now" but just want to confirm something:

In addition to what is listed on the website, am I correct in saying that the Draft EA will also include a summary of the existing environmental conditions in the community?

Thanks  
[REDACTED]

## Leslie Galloway

---

**From:** Becky Oehler  
**Sent:** Monday, May 27, 2019 4:45 PM  
**To:** Info@walkerea.com  
**Subject:** Fwd: yet another question

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

**From:** [REDACTED]  
**Date:** 2019-05-27 4:23 PM (GMT-05:00)  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Cc:** Emily Sykes <ESykes@walkerind.com>  
**Subject:** Re: yet another question

**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.

Sounds like you have it all covered.

Thanks so much it looks good to me.

On Mon, May 27, 2019 at 12:01 PM Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)> wrote:  
Hi [REDACTED]

I'm doing well, enjoying the beautiful weather! Hope you are as well!

I think my materials distribution plan for the next CLC meeting is in line with your request. Here it is:

On the date of the Draft EA release, email the CLC with:

- Date of CLC meeting
- Link to the Draft EA and all appendices/supporting documents.
- Notice that at the CLC meeting, members will receive the main Draft EA document in hard copy, and a flash drive with the complete Draft EA (including all appendices/supporting documents)
- A request that CLC members who are seeking a different document format to let us know, and we will do our best to provide it in a timely manner.

CLC members who receive materials by mail will receive a hard copy of the main Draft EA document and a flash drive with the complete Draft EA ahead of the meeting and we will ask that they bring it with them to the meeting. They will also have the option to request a different document format.

Thanks for your question, please let me know if you would recommend a different approach.  
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](http://www.walkerind.com)<<http://www.walkerind.com>>  
[[www.walkerind.com](http://www.walkerind.com)]<http://www.walkerind.com>>

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From: [REDACTED]  
Sent: Monday, May 27, 2019 10:44 AM  
To: Becky Oehler <[BOehler@walkerind.com](mailto:BOehler@walkerind.com)>  
Subject: yet another question

Hi Becky

Hope all is well.

I was thinking about the next CLC meeting and I have a question.  
I know that the meeting will be close to the release for comment date of the draft EA.  
I am wondering if the members of the CLC would be able to receive a flashdrive with the complete Draft EA at the meeting.

Thanks  
[REDACTED]

## **Leslie Galloway**

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**From:** Becky Oehler  
**Sent:** Friday, June 21, 2019 1:41 PM  
**To:** 'Kuisma, Emmilia (MECP)'  
**Cc:** Wrigley, Rob (MECP); Jutzi, Mallory (MECP); Slivar, Bob (MECP); Cromp, Dan (MECP); Lafrance, Crystal (MECP); Emily Sykes  
**Subject:** RE: Walker CLC follow-up: Vine Street - Bell Building comparison

Hi Emmilia,

Thank you for providing this information for the CLC in response to a question at the last meeting. We will distribute this email to CLC members/alternates with the materials for the next CLC meeting (date TBD).

Thanks,  
Becky

---

**From:** Kuisma, Emmilia (MECP) <Emmilia.Kuisma@ontario.ca>  
**Sent:** Thursday, June 20, 2019 4:35 PM  
**To:** Becky Oehler <BOehler@walkerind.com>  
**Cc:** Kuisma, Emmilia (MECP) <Emmilia.Kuisma@ontario.ca>; Wrigley, Rob (MECP) <Rob.Wrigley@ontario.ca>; Jutzi, Mallory (MECP) <Mallory.Jutzi@ontario.ca>; Slivar, Bob (MECP) <Bob.Slivar@ontario.ca>; Cromp, Dan (MECP) <Dan.Cromp@ontario.ca>; Lafrance, Crystal (MECP) <Crystal.Lafrance@ontario.ca>  
**Subject:** Walker CLC follow-up: Vine Street - Bell Building comparison

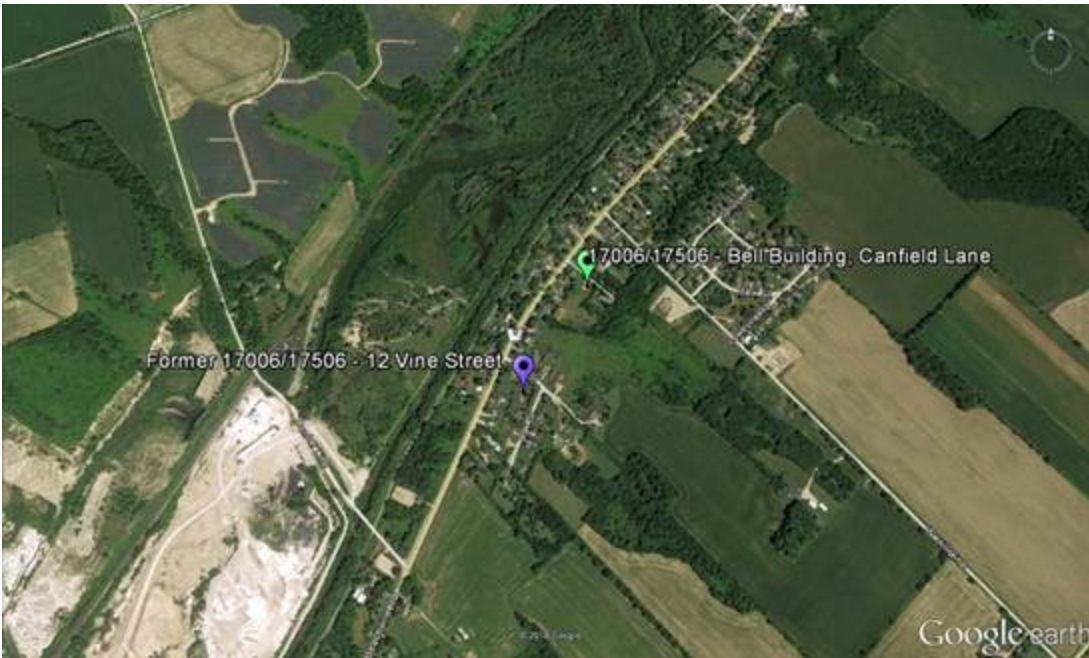
Dear Becky,  
During the previous CLC meeting held on March 27, 2019, a CLC member asked for a side by side data comparison of the ministry's former Vine Street monitoring location and the new Bell building location. Please see the information below. Should you have any questions regarding this information please let us know.  
Thanks,  
Emmilia

### **Ministry of the Environment, Conservation and Parks** **Station 17006/17506 Data Comparison**

#### **Background**

The ministry's monitoring station 17006/17506 was moved from 12 Vine Street (school roof) to the Bell building on Canfield Lane on September 19, 2017. The new site is approximately 300 metres northwest of the previous site. The ministry monitors Total Suspended Particulate (TSP), particulate matter less than 10 microns in diameter (known as PM<sub>10</sub>) and meteorological conditions at this location.





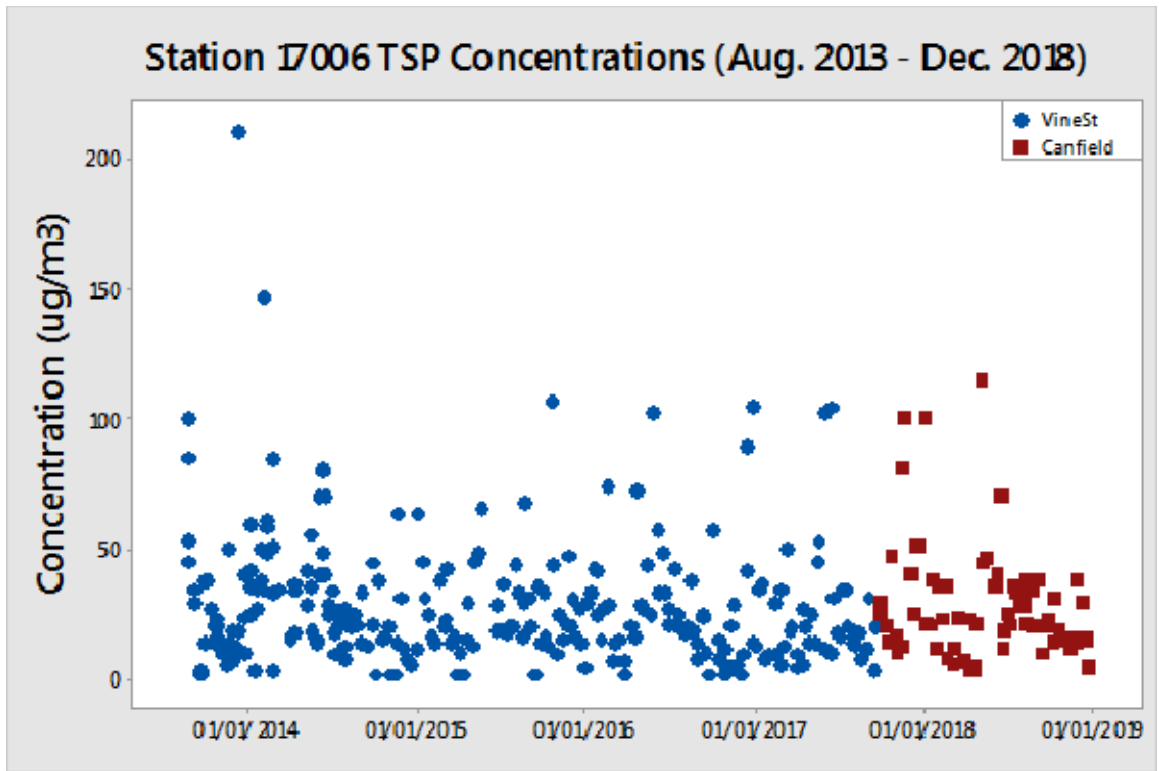
### **Data Comparison Summary**

A side-by-side comparison of monitoring data before and after the station moved is provided below. In summary:

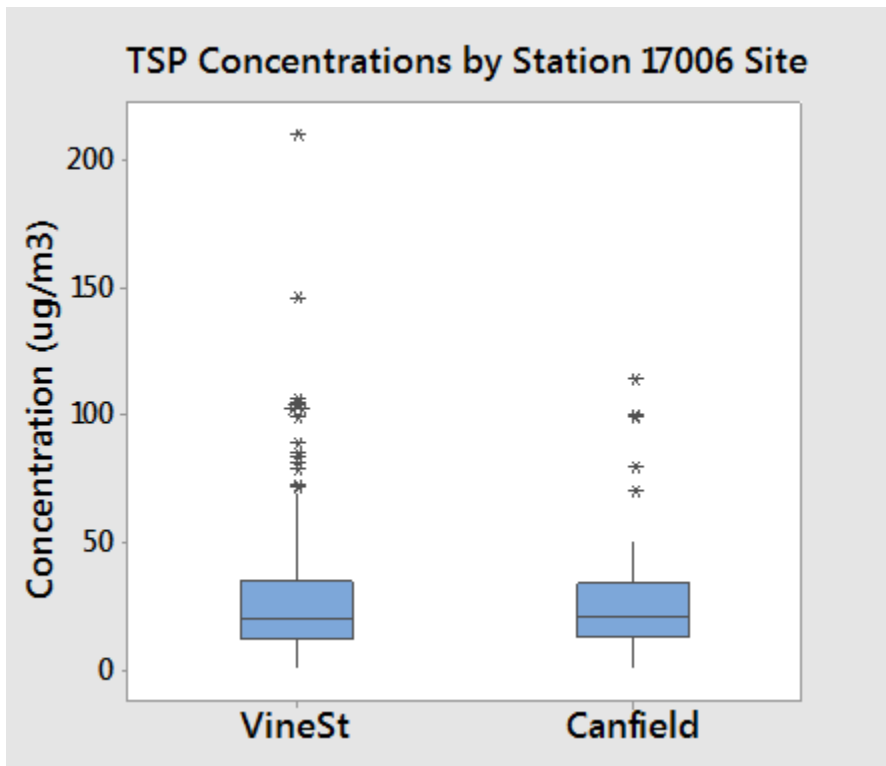
- Total Suspended Particulate (TSP) concentrations measured at the Bell site are consistent with those measured at the Vine Street location.
- PM<sub>10</sub> concentrations measured at the Bell site are lower than those measured at the Vine Street location (median PM<sub>10</sub> concentrations measured at the Vine Street and Bell sites were 10.0 µg/m<sup>3</sup> and 7.5 µg/m<sup>3</sup> respectively). This could be due to a decrease in PM<sub>10</sub> concentrations over time, and not related to the station move. Additional monitoring data is needed to confirm any trends in PM<sub>10</sub> levels over time.
- The predominant wind directions measured at the two sites are consistent (southwest and south-southwest). The Bell site measured a higher percentage of north to northeast winds than the Vine Street site.

### **Total Suspended Particulate**

The graph below shows total suspended particulate concentrations measured between August 2013 and December 2018 at Station 17006:



Below is a boxplot of TSP concentrations measured at each site. This shows the range and distribution of TSP concentrations observed at each site. The horizontal line in the centre of the box is the median concentration (middle value of all samples collected). Points shown with an asterisk (\*) are outliers, meaning the concentrations were higher than most other TSP concentrations. Boxes that are similar in size and shape mean that the measured concentrations are similar.



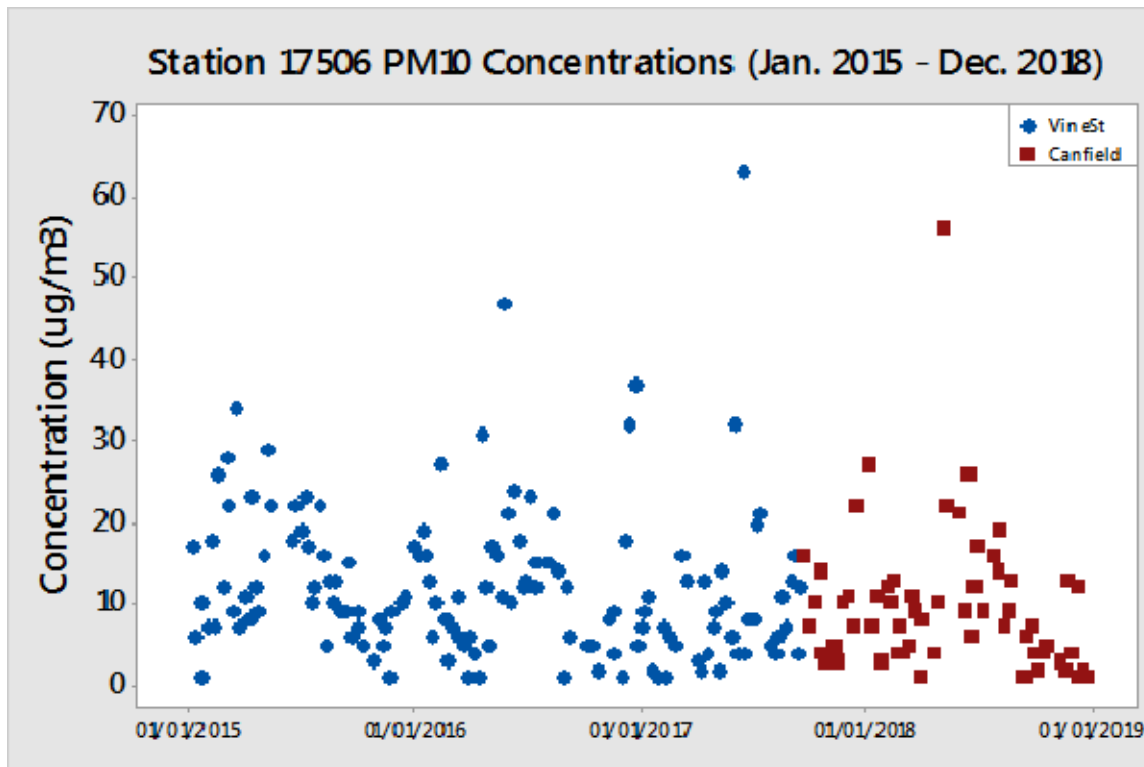
The following table summarizes the average and median concentrations measured at each monitoring location:

Site	Vine Street (School Roof)	Canfield Lane (Bell Building)
Sampling Dates	Aug. 2013 – Sept. 19, 2017	Sept. 19, 2017 – Dec. 2018
Number of Samples	271	66
Arithmetic Mean ( $\mu\text{g}/\text{m}^3$ )	28.0	27.8
Geometric Mean ( $\mu\text{g}/\text{m}^3$ )	20.0	20.8
Median ( $\mu\text{g}/\text{m}^3$ )	21	22

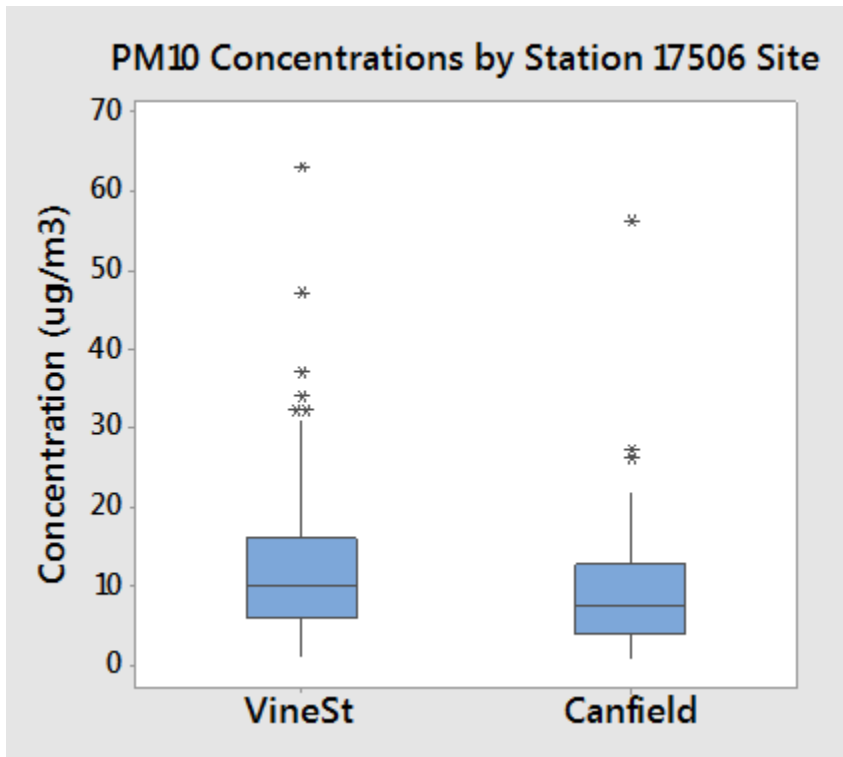
→ The TSP concentrations measured at the Bell Building between September 2017 and December 2018 are consistent with the TSP concentrations measured at the Vine Street site between August 2013 and September 2017.

### PM<sub>10</sub>

The graph below shows PM<sub>10</sub> concentrations measured between January 2015 and December 2018 at Station 17506:



Below is a boxplot of PM<sub>10</sub> concentrations measured at each site:



The following table summarizes the average and median concentrations measured at each monitoring location:

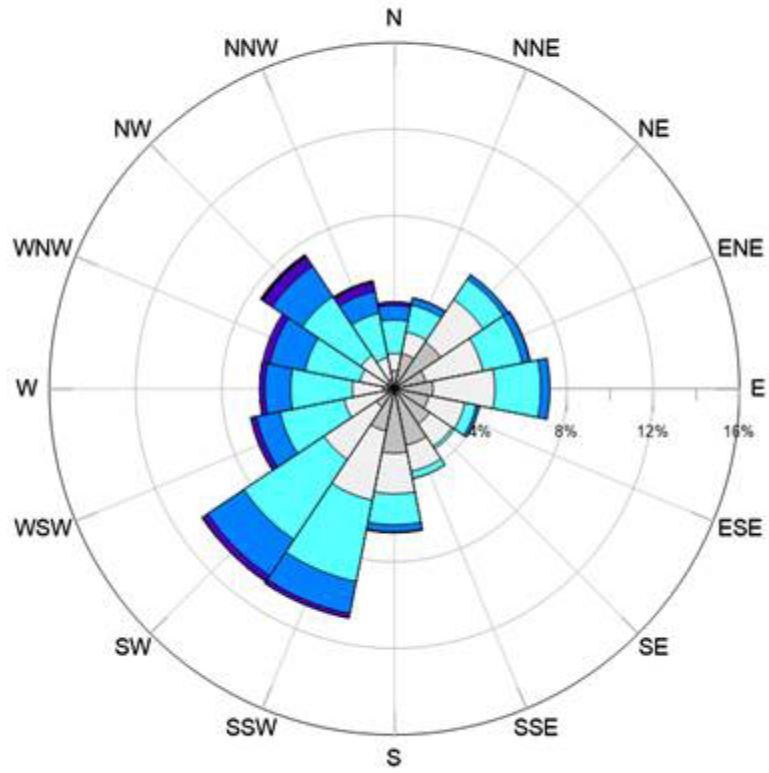
Site	Vine Street (School Roof)	Canfield Lane (Bell Building)
Sampling Dates	Jan. 2015 – Sept. 19, 2017	Sept. 19, 2017 – Dec. 2018
Number of Samples	140	60
Arithmetic Mean ( $\mu\text{g}/\text{m}^3$ )	12.2	9.7
Geometric Mean ( $\mu\text{g}/\text{m}^3$ )	9.0	6.9
Median ( $\mu\text{g}/\text{m}^3$ )	10	7.5

→ The PM<sub>10</sub> concentrations measured at the Bell Building between September 2017 and December 2018 are lower than the PM<sub>10</sub> concentrations measured at the Vine Street site between January 2015 and September 2017 (median PM<sub>10</sub> concentrations measured at the Vine Street and Bell sites were 10.0  $\mu\text{g}/\text{m}^3$  and 7.5  $\mu\text{g}/\text{m}^3$  respectively). This decrease may be due to variation in PM<sub>10</sub> concentrations over time, and unrelated to the station move. Additional monitoring data would need to be collected to confirm any trends in PM<sub>10</sub> concentrations over time.

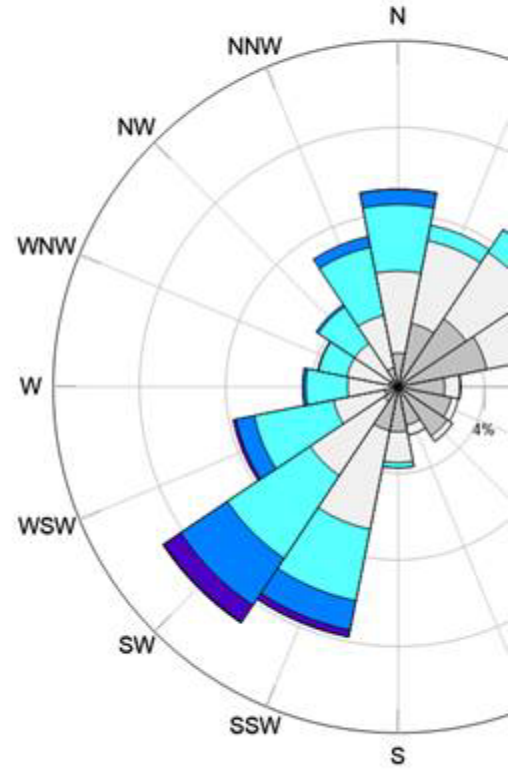
### Meteorological Data

The following wind roses show the percentage of time that wind was blowing from a particular direction and speed.

**Vine Street**  
January 2015 - September 2017



**Bell Building - Canfield L**  
September 2017 - December



The table below provides the corresponding percentage of time that wind was coming from a particular direction:

	Vine Street (School Roof)	Canfield (Bell Building)
<b>N</b>	4%	9%
<b>NNE</b>	4%	8%
<b>NE</b>	6%	9%
<b>ENE</b>	6%	7%
<b>E</b>	7%	3%
<b>ESE</b>	4%	3%
<b>SE</b>	3%	3%
<b>SSE</b>	4%	2%
<b>S</b>	7%	4%
<b>SSW</b>	11%	12%
<b>SW</b>	11%	13%
<b>WSW</b>	7%	8%

<b>W</b>	6%	4%
<b>WNW</b>	6%	4%
<b>NW</b>	7%	5%
<b>NNW</b>	5%	7%

➔ The predominant wind directions measured at the Bell Building between September 2017 and December 2018 are consistent with those measured at the Vine Street site between January 2015 and September 2017 (southwest and south-southwest). A higher percentage of north to northeast winds were measured at the Bell site in comparison to Vine Street for these respective time periods.

Emmilia Kuisma  
Issues and Projects Coordinator- London District Office  
Ministry of the Environment, Conservation and Parks  
Ministère de l'Environnement, de la Protection de la nature et des Parcs  
Phone: (519) 873-3060  
Email: [emmilia.kuisma@ontario.ca](mailto:emmilia.kuisma@ontario.ca)

## Leslie Galloway

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**From:** Darren Fry  
**Sent:** Friday, June 21, 2019 11:53 AM  
**To:** [REDACTED]; Becky Oehler; Emily Sykes  
**Subject:** RE: Not sure who to direct this question to

Hi [REDACTED] and happy summer to you too (now that it has finally arrived).

We have been finalizing a few minor outstanding field work elements (archeology and ecology) which most work is now complete. We are now receiving consultants reports and incorporating the findings into the EA document (draft).

I hope this addresses your question but if not, feel free to give us a call.

Best,  
Darren

**From:** [REDACTED]  
**Sent:** Friday, June 21, 2019 11:36 AM  
**To:** Darren Fry <DFry@walkerind.com>; Becky Oehler <BOehler@walkerind.com>; Emily Sykes <ESykes@walkerind.com>  
**Subject:** Not sure who to direct this question to

Hi everyone

Hope all is well and HAPPY SUMMER

I am just wondering if all the studies have now been completed or are there still some finishing up

Thanks



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**Leslie Galloway**

---

**From:** Becky Oehler  
**Sent:** Thursday, August 1, 2019 11:14 AM  
**To:** Info@walkerea.com  
**Subject:** FW: CLC Update

BCC'd to: [REDACTED]

---

**From:** Becky Oehler <BOehler@walkerind.com>  
**Sent:** Thursday, August 01, 2019 11:14 AM  
**To:** Info@walkerea.com  
**Subject:** CLC Update

Good morning CLC members and alternates,

At our most recent CLC meeting on March 27, we noted that the draft Environmental Assessment (EA) report for the Southwestern Landfill would be released in the coming months. We would like to let you know that we are still working on the draft EA report, and do not yet have a release date scheduled. We're looking forward to discussing the draft EA report with you upon its release, and if you have any questions in the meantime, please do not hesitate to contact our team.

I would also like to extend a personal thank you to the CLC for the time and effort you have committed, and for your support in carrying out a productive dialogue at each meeting. Emily Sykes will be taking over my role in the CLC moving forward as I will be starting parental leave after August 2<sup>nd</sup> to welcome my first child. Emily can be reached at our Ingersoll office toll-free at 1-855-392-5537 or by email at [esykes@walkerind.com](mailto:esykes@walkerind.com).

Warm regards,  
Becky

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



## Leslie Galloway

---

**From:** Emily Sykes  
**Sent:** Tuesday, September 3, 2019 9:27 AM  
**To:** Info@walkerea.com  
**Subject:** September 2019- Southwestern Landfill Community Exchange Newsletter

Good Morning CLC Members,

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](#)

I am also excited to inform you that Becky and Rob Oehler welcomed a healthy baby girl last Wednesday morning. Becky and baby are doing well and are settling in at home. I will be assuming Becky's community engagement role now that she is on parental leave. I work full time out of the Ingersoll office, so feel free to drop in, email me, or give me a call if you have any questions.

Warm Regards,

Emily

## Leslie Galloway

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**From:** Emily Sykes  
**Sent:** Friday, September 27, 2019 3:27 PM  
**To:** [REDACTED]  
**Subject:** RE: I was just wondering

Hi [REDACTED]

Happy Friday! Things are going well, I just got married last week so I'm still settling back at work. I hope things are going well for you, and you're enjoying the fall weather.

We will provide the CLC one week of notice prior to the release of the draft EA report. We know that the CLC would like to schedule a meeting to provide an orientation of the draft EA report and review key findings within one week of its release. Therefore, this would provide approximately a 2 week lead time to schedule the CLC meeting.

At this time we are still working on the draft EA report and will advise the CLC of its availability as noted above. Feel free to contact me at any time should you have any other questions.

Have a great weekend,

Emily

**From:** [REDACTED]  
**Sent:** Friday, September 27, 2019 9:10 AM  
**To:** Emily Sykes <ESykes@walkerind.com>  
**Subject:** I was just wondering

Hi Emily

Hope all is well.

I was just wondering if you have determined how much advanced notice we will be getting for the CLC meeting?

I realize that it will depend on the release of the Draft EA, but I am hoping we will have a little time to arrange schedules.

Thanks so much

[REDACTED]



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## Leslie Galloway

---

**From:** Emily Sykes  
**Sent:** Monday, October 7, 2019 2:10 PM  
**To:** Info@walkerea.com  
**Subject:** FW: This is easy to follow

---

**From:** Emily Sykes  
**Sent:** Monday, October 07, 2019 2:09 PM  
**To:** [REDACTED]; Darren Fry <DFry@walkerind.com>  
**Subject:** RE: This is easy to follow

Hi [REDACTED]

Thank you for the suggestion, I agree that the table format is easy to follow. We have developed similar tables in the draft EA report, that are designed to be clear and comprehensible.

Feel free to reach out anytime for such suggestions, this feedback is valuable for our team.

Have a wonderful day.

Emily

**From:** [REDACTED]  
**Sent:** Sunday, October 06, 2019 1:19 PM  
**To:** Darren Fry <DFry@walkerind.com>; Emily Sykes <ESykes@walkerind.com>  
**Subject:** This is easy to follow

Hi

I am not sure how you are planning on presenting the impact assessment criteria and potential effects but I find this method quite easy to follow. I am not trying to tell you how to do things just making a suggestion that would aid those of us who aren't professionals to comprehend.

Thanks  
[REDACTED]

<https://cdn.wasteconnections.com/cms/ridge-landfill/Main+Draft+EA+Report/21+-+Attachment+7.+Impact+Assessment+Criteria+and+Summary+of+Potential.pdf>

## Leslie Galloway

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**From:** Emily Sykes  
**Sent:** Friday, December 20, 2019 1:41 PM  
**Subject:** Happy Holidays

Good Afternoon CLC Members & Alternates,

We would like to take the opportunity to wish everyone a safe and happy holiday season. We look forward to connecting in the New Year!

Warm Regards,

The Walker Team

