



BURNSIDE

**Public Information Centre (PIC) #1
Summary Report**

**St. Marys Future Solid Waste
Disposal Needs Environmental
Assessment**

**R.J. Burnside & Associates Limited
292 Speedvale Avenue West Unit 20
Guelph ON N1H 1C4 CANADA**

**October 2015
300032339.0000**

Record of Revisions

Revision	Date	Description
0	17-Sep-2015	Initial Submission to Town of St. Marys
1	15-Oct-2015	Finalized for Town of St. Marys

R.J. Burnside & Associates Limited

Report Prepared By:



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Senior Environmental Planner

Report Reviewed By:



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste
TR:JH:cv

Public Information Centre (PIC) #1
October 2015

Executive Summary

PROJECT Future Solid Waste Disposal Needs Environmental Assessment (EA)

PROPONENT Town of St. Marys

ACTIVITY Public Information Centre, Open House format

**DATES, TIMES
& LOCATIONS** **August 26, 2015**
5:00 to 7:00 p.m.
Municipal Operations Centre
408 James St. S
St. Marys, ON N4X 1B6

**PROJECT
TEAM
MEMBERS
PRESENT** Dave Blake, Town of St. Marys
Chad Papple, Town of St. Marys
James Hollingsworth, Burnside
Tricia Radburn, Burnside

PURPOSE

- To describe the proposed study and purpose
- To present the preliminary assessment of Alternatives to the Undertaking (Waste Export vs. Landfill Expansion vs. Do Nothing)
- To present draft work plans for future studies
- To encourage, gather and respond to public input and feedback on the study
- To identify next steps in the process

PROCEEDINGS This report provides a summary account of the first Public Information Centre (PIC) held for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) Study. A copy of this report will be included in the final Environmental Study Report (ESR).

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In the preparation of the various instruments of service contained herein, Burnside was required to use and rely upon various sources of information (including but not limited to: reports, data, drawings, observations) produced by third parties. Burnside has proceeded on the belief that third parties produced their documentation using accepted industry standards and best practices and that all information was therefore complete, accurate, unbiased, and free of errors. Similarly, Burnside has applied accepted industry standards and best practices in the preparation of the various instruments of service contained herein. As such, the comments, recommendations and materials presented reflect best judgment in light of the information available at the time of preparation. Burnside and its employees, affiliates and subcontractors accept no liability for inaccuracies or errors in the instruments of service provided to the client arising from deficiencies in the aforementioned third party information or arising from undisclosed, non-visible or undetected conditions.

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Public Information Centre (PIC) #1
October 2015

1.0 Introduction

The Town of St. Marys has retained R.J. Burnside & Associates Limited (Burnside) to undertake an Individual Environmental Assessment (EA) study to identify a solution that addresses the Town's post-diversion municipal solid waste disposal needs. This study is being carried out in accordance with the Environmental Assessment Act and the approved Terms of Reference for the study.

A Public Information Centre (PIC) was arranged by the Project Team. The PIC was intended to gather and respond to public comments on the process. It focussed on the following:

- Describing the proposed study and purpose.
- Presenting the preliminary assessment of Alternatives to the Undertaking (Waste Export vs. Landfill Expansion vs. Do Nothing).
- Presenting draft work plans for future studies (evaluation of Alternative Methods for expanding the St. Marys Landfill).
- Identifying the next steps in the EA process (i.e., implementing the draft work plans).

This report discusses comments provided during the PIC and related to the draft work plans.

2.0 Method of Notification

Details of the date, time, location and purpose of the PIC's were published in the following newspapers:

- The St. Marys Independent – Friday, July 31, 2015
- The St. Marys Journal Argus – Wednesday, August 5, 2015

Notification of the PIC's was also sent to review agencies, potentially affected First Nation communities, land owners within 1000 m of the landfill site and any other stakeholders who expressed an interest in being contacted during the Terms of Reference stage. A copy of the Notice of PIC #1 was also posted on the Town of St. Marys website.

Review agencies and First Nation communities were also provided with printed copies of any relevant draft work plans and/or a DVD containing all of the draft work plans. All of the draft work plans and additional background documentation, including the PIC display boards were also made available on the Town's website.

Public Information Centre (PIC) #1
October 2015

A copy of the advertisements, letters and email notices is provided in Appendix A. The information provided in Appendix A also indicates what, if any, draft work programs were included with the notice.

The Town of St. Marys Environmental Assessment website can be found at:
<http://www.townofstmarys.com/living/living.aspx?id=9840>

3.0 Public Meeting Format

Attendees were greeted, asked to sign the registration sheet, and provided with a comment form. The PIC was an 'open-house' format whereby attendees were able to view project information displayed and to ask questions of Town of St. Marys and Burnside staff who were in attendance. No formal presentation was made.

A copy of the display boards is provided in Appendix B.

Participants were also asked to provide input to the process by completing the available comment forms. If individuals wished to take comment forms home to fill out later, they were asked to return their comments, at the address, email or fax number provided on the comment sheet, before September 10, 2015.

4.0 Participation Levels and Summary of Comments Received

A total of seven people attended the PIC. The sign-in sheet for the PIC is included as Appendix C. No one submitted comment forms to the study team during the PIC. However, a few verbal comments were noted, as summarized in Table 1. The St. Marys Journal Argus (newspaper) published an article in their Wednesday, September 2, 2015 edition describing the Public Information Centre. A copy of this article is provided in Appendix D.

Table 1: Verbal Comments Received and Study Team Response

General Comment	Study Team Response
1. Concerned with drinking water well quality (two people)	<p>Groundwater quality is monitored on a regular and ongoing basis as part of the current landfill operations. To date there are no concerns related to the landfill's impact on off-site groundwater quality. Landfill monitoring reports are available online at the Town's web site.</p> <p>Further to the existing site monitoring, the draft <i>Hydrogeological Work Plan</i> will consider the likely impacts of <i>Alternative Methods</i> for the expansion of the landfill, helping to determine a preferred <i>Method</i>.</p>

General Comment	Study Team Response
	<p>Recommendations will be made for the preferred <i>Method</i> to minimize groundwater (and surface water) impacts.</p>
<p>2. Concerned with dust from site entrance (one person).</p>	<p>Through discussion with the resident it was found that a significant dust concern occurred a few years ago during the reconstruction of Highway 7. Excess soils from that project were brought to the landfill for use as cover, to build berms, etc. The truck traffic on the access road caused excessive dust until calcium chloride was spread. Regular site operations have not been as problematic, though some dust from the site access road is occasionally generated.</p> <p>Relative to current operations, dust concerns are taken seriously by the Town. The resident was encouraged to contact the Town if dust becomes an issue again.</p> <p>For the EA process we discussed the draft <i>Air, Noise and Vibration Work Plan</i>. This work plan includes an assessment of dust generation by each <i>Alternative Method</i> for landfill expansion. Recommendations will be made for the preferred <i>Method</i> to minimize and mitigate dust generation for the expanded facility.</p>
<p>3. Concerned that thermal treatment has been discarded as an alternative at this stage in the study. Offered suggestion that kiln at St. Marys Cement could be used for a waste-to energy solution (one person).</p>	<p>Thermal treatment was discarded because it is not financially feasible for the Town based on the quantities of waste generated. St. Marys Cement is not at a stage where it could begin accepting waste within the timeframe required by the Town. Also there are questions as to what portions of the waste disposal stream would be acceptable in the kiln. It is unclear whether such a facility could be financially or technically viable. The Town is always open to discussions with St. Marys Cement.</p>

Public Information Centre (PIC) #1
October 2015

In addition to the verbal comments noted in Table 1, written comments were received as a result of the PIC notification process (described in Section 2.0). Table 2 provides a summary of these comments¹. In order to reduce duplication, all of the correspondence will be provided in the Record of Consultation. Notes on how the study team will incorporate these comments during the course of the project are also provided in the table.

Table 2: Written Comments Received

	Source	Comment	Study Team Response
1.	Haudenosaunee Development Institute (August 10, 2015)	Advised that the Haudenosaunee hold rights and interests in the area. They requested that St. Marys complete their <i>Application for Engagement</i> form and begin an engagement process.	Town issued a letter of response dated August 20, 2015 (via email and mail), attaching a completed Application for Engagement form. The letter suggested that the Haudenosaunee Development Institute join with other First Nation communities that had indicated an interest in the project to develop a work program recognizing individual and shared interests in the EA. Similar letters were sent to the other interested First Nation communities. All of these letters can be found in the Record of Consultation.
2.	Perth District Health Unit (August 12, 2015)	Requested that the Perth District Health Unit be added to the project mailing list.	Added.
3.	Union Gas Limited (August 13, 2015)	Requested additional information about the EA. Noted that there is a natural gas main located in the east side of County Road 123/Water Street S., and a station southwest of the existing landfill site.	Email response, providing details of the EA and a link to the Town's website. Requested that Union Gas provide a more detailed description of their facilities, including location details, for consideration by the EA Team. No response as yet.

¹ A few responses to the Notice of PIC related to updating contact persons or addresses. These are not included in Table 2.

4.	Ministry of the Environment and Climate Change, Environmental Assessment Services (August 20, 2015)	Noted new Project Officer assigned to this EA. Requested comments deadline for Air, Noise & Vibration Work Plan and the Hydrogeology Work Plan.	Phone call and emails (both August 20, 2015) to discuss: a) The likely timing for implementation of the Air and Hydrogeology Work Plans following the (August 26 th) PIC. b) The Town's letters to First Nation communities seeking EA program input (refer to Item 1 in this Table).
5.	Upper Thames River Conservation Authority (August 29, 2015)	Noted that they have some recent, relevant hydrogeology data for use in the Hydrogeology Work Plan.	Responded by email (August 31, 2015) indicating that someone from the EA Team would be in touch to obtain the data when we begin our Hydrogeology Work Plan.
6.	Ministry of Tourism, Culture and Sport, Culture Services Unit, Programs and Services Branch (September 4, 2015)	<ul style="list-style-type: none"> • Noted that additional work may be required depending on results of the Archaeological and Cultural Heritage Work Plan. • Noted that the assessment should include resources identified based on O. Reg. 9/06 criteria. • MTCS wants consultation to continue as the EA progresses. 	Responded by email (September 8, 2015). Agreed on all points.

7.	Ministry of the Environment and Climate Change, Environmental Assessment Services (October 9, 2015)	Provided extensive comments on the following draft Work Plans: <ul style="list-style-type: none"> • Air Quality, Noise and Vibration • Socio-Economic • Hydrogeological • Ecological (in relation to surface water aspects) 	Responded by email (October 9, 2015). Comments have been forwarded to subject matter leads. The study team will implement their Work Plans while considering and incorporating the MOECC's comments. This will be documented in the resulting Work Plan reporting, likely as a table indicating the comment received and a summary of how the comment was addressed during implementation of the Work Plan.
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5.0 Next Steps

In the coming months, the project team will identify and evaluate all design alternatives for the study area based on natural, social, technical and financial criteria. Preliminary designs will be reviewed and evaluated in light of comments received from regulatory agencies and comments received at the first PIC. A second PIC is scheduled to be held in the winter of 2016, at which time the preliminary preferred design alternatives will be presented along with preliminary design details.



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Appendix A

Notifications of PIC #1



Memorandum

Date: August 4, 2015 **Project No.:** 300032339.0000
Project Name: St. Marys Future Solid Waste Needs EA
Client Name: Town of St. Marys
Re: Public Information Center #1

As part of the EA process, Public Information Centers (PICs) are required to allow for stakeholders and the public an opportunity to familiarize themselves with the project, interact with some of the project team, and express any questions or concerns they may have related to the project.

Prior to the PIC, notification is provided to the public in advance of the session to allow attendance. This includes letters sent to local property owners, as well as to agencies, First Nations and other stakeholders. Also relevant, copies of work plans were provided to selected agencies and First nations for review and comment prior to the meeting. This same documentation is available on the Town's website:

<http://www.townofstmarys.com/living/living.aspx?id=9840>

The following attachments are a record of the correspondence that was issued related to the PIC #1. They are grouped into the following categories:

- Newspaper Advertisements
 - St. Marys Independent
 - St. Marys Argus Journal
- Landowner Correspondence
 - Mailing List
 - Copy of PIC #1 Notice
- Agency and First Nation Correspondence
 - Mailing List (Including enclosure list)
 - Copy of Email Notice
 - Copy of Letter and PIC #1 Notice
- St. Marys Municipal Alert; a no cost email based distribution list to subscribers



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Attachment A

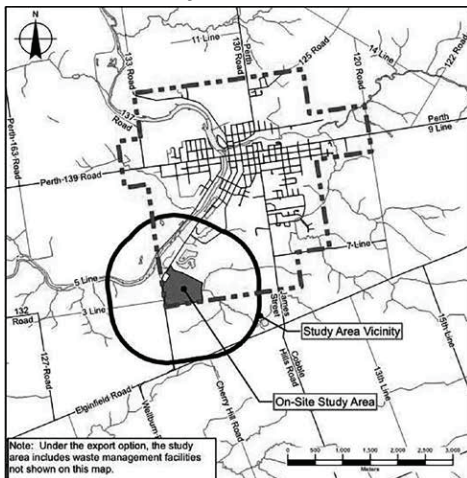
Newspaper Advertisements



**Notice of Public Information Centre
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys**

The Study

The Town of St. Marys (Town) has initiated an Individual Environmental Assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option. The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town has reviewed options to manage solid waste over the next 40 years. The remaining options are 1) transport waste to a disposal facility outside St. Marys, or 2) expand the existing landfill. Our preliminary work suggests that expansion of the St. Marys landfill is preferred. Draft work plans have been prepared to define the study and evaluation of landfill expansion options in the next phase of the EA.



Note: Under the export option, the study area includes waste management facilities not shown on this map.

Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting the Project Team directly. Project notices are being advertised on the Town's website, in the local newspaper, as well as through direct communications with local land-owners, Aboriginal communities, review agencies and utilities.

A Public Information Centre (PIC) has been arranged to describe the initial evaluation and draft work plans for the next phase of the EA. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the study and draft work plans will be available for public review on the Town's website: <http://townofstmarys.com/living/living.aspx?id=9840>. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre (PIC) details: Place: **Municipal Operations Centre**
Date: **Wednesday, August 26, 2015** 408 James Street South, St. Marys,
Time: **5:00 PM to 7:00 PM** ON N4X 1B6

If you would like information concerning this project, to provide comments, or to be added to the project mailing list, please contact either of the following Project Team members:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
408 James Street South, PO Box 998
St. Marys ON N4X 1B6
Phone: 519-284-2340 Ext. 209
Fax: 519-284-0902
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1S 6H3
Phone: 289-545-1051
Fax: 905-420-5247
Email: St.Marys.Waste.EA@rjburnside.com

All personal information included in a submission such as name, address, telephone number and property location is collected, maintained and disclosed by the Ministry of the Environment and Climate Change (MOECC) for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at 416-327-1434.

This Notice first issued on 27-July-2015.



Tree Tips: Dead Man's Fingers



The term Dead Man's Fingers sounds like something out of a pirate movie. However it is actually a kind of fungus that can be problematic to a number of different species of trees. This Fungus is properly known as Xylaria polymorpha, this fungus is a saprobic fungus, which means that it only invades dead or dying wood.

Dead Man's Fingers shows a preference for Apple, Beech, Maple,

Locust, and Elm trees. This fungus only invades dead or dying wood, as a result of a problem and not a cause. Even though this fungus does not kill the tree in itself, it will cause problems, which will eventually cause the tree to die. Dead Man's Fingers will invade injured roots and retain water causing root rot. If it is present in the roots or trunk the fungus sometimes causes soft rot. Soft rot causes the integrity of the tree

to break down, which can quickly become hazardous.

There is no known cure for this problem, if a tree is infected to should be removed quickly before it becomes dangerous. Dead Man's Fingers is fairly easy to identify, it simply looks like a several fingers, dark black in color, and growing 1.5 to 4 inches in height.

If you have a question, you can email me at jtsquote@gmail.com, and I will respond either by email or in a future article. If you would like me to come and assess one of your trees, you can call me at 519.272.5742.

Joel Hackett is a Certified Arborist Residing in the St Marys Area. Spending most of the year running Joel's Tree Service, he also teaches Arboriculture during the winter at Lambton College. Joel Hackett does not assume any liability for any information in this article.



Recreation & Leisure



Saturday, August 22
4th Annual Downtown Car Show
Downtown St. Marys
12 to 3 PM - Show 'n' Shine
See the downtown streets filled with showpiece cars, food vendors and music.
For details contact 519.284.2340 x 626.

4th Annual Melodies at the Museum
Wednesday evenings in August. 7 to 9 PM.
Front lawn of St. Marys Museum.
519.284.3556. Admission by donation.

Enjoy live music in an outdoor setting! Please bring a blanket or lawn chair. In inclement weather: Concert will move indoors to St. James Anglican Church (65 Church St. S.).

End of Summer Celebration
Thursday, August 20. 5:30 to 7:30 PM.
St. Marys Public Library. Queen St. lawn.

Celebrate with Library, Recreation and Early Learning Centre staff! BBQ, live entertainment, contests, prizes, cake, games, and more.

Fall Swim Lesson Registration
Saturday, August 22 at the Pyramid Recreation Centre
For lessons between Sept. 8 to Nov. 14*
*Excludes Oct. 12

To register after August 22, contact aslade@town.stmarys.on.ca or 519.284.2340 x 623.

Facility rentals:

Quarry, Aquatics Centre, double ice-pad, community centre, meeting rooms, industrial kitchen and more!
Call 519.284.2340 x 628



DISHING IT OUT

ANDREA MACKO

I can't assume what runs through my readers' minds each week, but I do have a notion of what some of you thought of my now-former headshot.

Simply put, you hated it. "Your face looks distorted," you said of my decidedly artistic headshot. "It doesn't do you justice," others commented (I suppose that one's not so bad).

The photo tested well on Facebook when it was my profile photo. Some traditionalists were disheartened by my lack of a smile, but others thought the leopard-print scarf and bold lipstick were chic. It employed many nuggets of knowledge from my fashion days: a dip of the chin opens up the eyes, a pop of the collar frames the face, and, as always, the higher the hair, the closer to God.

As a professional writer, reader feedback has always fascinated me. For example, in late June, I detailed my meeting with the president of VIA Rail and the controversial plans for a Stratford-based morning train: not a word. Yet, I write about anything Charlotte-related, and I hear plenty. There's a crew of dedicated

readers who always compliment, and a few friends who appreciate the occasional inside joke I include to ensure they're still reading.

As a lifestyle columnist, it is rare to receive written correspondence. I remain touched by the cards and emails we received years ago when I wrote of Charlotte's seizures. Excepting that exceptional situation, I have received four pieces of (electronic) correspondence on the following column topics: Charlotte's eating habits, Reynaud's disease, corn detasseling memories, and potato salad.

Diane O'Shea's recent email was serendipitous to the writing of this column. Diane and I have often chatted about food, usually at the St. Marys Farmers' Market, when her family's produce booth was once a mainstay. But Diane's respect and love of food goes beyond the land; she's been the Family Studies/Home Economics teacher at Medway High School for many years, as well as Preservice Instructor in Family Studies education at the Faculty of Education at Western University, to name two of her many roles.

It was great to hear from her, as we share similar beliefs on food's cultural importance. Also, I am sure it was Diane who admonished me years ago for buying pre-made pie crust when making one from scratch was almost as easy and more delicious. So if you sigh when I again suggest you go the homemade route in your cooking instead of taking the easy way out, you can partially blame Diane.

In her email, Diane mentioned having a similar conversation about potato salad as my column at a recent family gathering, including the prospect of a "potato salad fest" where attendees would bring their best. I asked Diane to share her own potato salad recipe. Here's her response:

"I would love to share a potato salad recipe — if I had one. I have to admit that I 'wing' it. The one thing I do, however, is to marinate the warm potato pieces in a small amount of a vinaigrette or French-type dressing before adding the other ingredients which usually include hard-cooked eggs, onion, celery,

Funding for Embro

The Township of Zorra's \$419,600 in CIP project to improve the soccer fields at the Embro-West County.

Zorra Community Centre will receive \$37,500 in federal government funding through the Canada 150 Community Infrastructure Program (CIP).

The funding was announced last week by the office of Oxford MP MacKenzie as part of a larger news release detailing

When it comes to home two "Daves" know
Call us, your local Lennox
all your Home Comfort



TOTAL SERVICE
Dave Davies
HEATING & AIR CONDITIONING
115 Frederick St., Stratford
30 YEARS EXPERIENCE
519-271-1046

Dave Lennox
PREMIER



Notice of Public Information Centre

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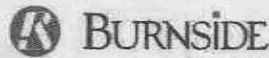
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Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
408 James Street South, PO Box 998
St. Marys ON N4X 1B6
Phone: 519-284-2340 Ext. 209
Fax: 519-284-0902
Email: dBlake@town.stmarys.on.ca

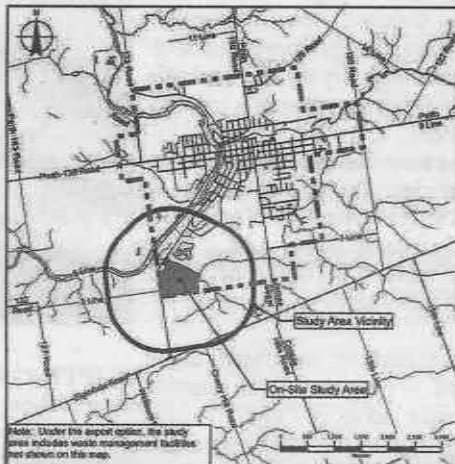
James Hollingsworth
R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1S 6H3
Phone: 289-545-1051
Fax: 905-420-5247
Email: St.Marys.Waste.EA@rjburnside.com

All personal information included in a submission such as name, address, telephone number and property location is collected, maintained and disclosed by the Ministry of the Environment and Climate Change (MOECC) for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at 416 327 1434.

This Notice first issued on 27-July-2015.



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Note: Under the current option, the study area includes waste management facilities not shown on this map.



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Attachment B

Landowner Notifications

Notice of PIC#1 Mailing List
Town of St. Marys Waste Disposal EA
300032339.0000

Agency/Organization	Owner 1 Title	Owner 1 First Name	Owner 1 Last Name	Owner 2 Title	Owner 2 First Name	Owner 2 Last Name	Location of Property	Mailing Address 1	Mailing Address 2	Mailing Address 3	City	Province	Postal Code
	MS.	ANGELA HELEN	BAFFES	MR.	JOHANNES ADRIANUS	SMIT	1642 PERTH ROAD 123	1642 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MS.	ANNA MARIA C	WIEGGERS				462 WATER ST S		RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	BRIAN KEITH	CHRISTIE	MS.	EVELYN ROSE	CASSAR	1670 PERTH ROAD 123	1670 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	BRIAN KEITH	WESTON				1654 PERTH ROAD 123	1654 ROAD 123	RR 3		ST MARYS	ON	N4X 1C6
	MS.	CHRISTINE GERTRUDE	WEESSIES	MS.	KELLY-LYNN	BATTEN	4468 LINE 3	4468 LINE 3	RR 3		ST MARYS	ON	N4X 1C6
	MR.	CHRISTOPHER JOHN	GRENDA	MS.	TRACEY LYNN	MUIR	1602 PERTH ROAD 123	1602 PERTH RD 123	PO BOX 1		ST MARYS	ON	N4X 1C4
	MR.	DANIEL WAYNE	MCCURDY	MS.	KRISTENE ANNE	MCCURDY	1764 PERTH ROAD 123	1764 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
RIORDAN ARTHUR D ESTATE	MR.	DAVID	RIORDAN				1025 WATER ST S	BOX 2813			ST MARYS	ON	N4X 1A5
	MR.	DAVID IAN	FLETCHER	MS.	ANTONIETTA	FLETCHER	PERTH RD 123	180 ROSEBOROUGH DR			PORT PERRY	ON	L9L 2E3
	MR.	DAVID ROY	CARLBERG				1738 PERTH ROAD 123	PO BOX 624 STN MAIN			ST MARYS	ON	N4X 1B4
	MR.	DELMER GERALD	THOMPSON				466 WATER ST S		BOX 1713		ST MARYS	ON	N4X 1C1
	MR.	DOUGLAS BRUCE	RODWELL	MS.	CATHERINE ANNE	RODWELL	1726 PERTH ROAD 123	1726 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	ERNEST WILLIAM	POWELL	MS.	AMY	POWELL	1720 ROAD 123	1720 ROAD 123	RR 3		ST MARYS	ON	N4X 1C6
	MR.	GLENN WILBUR	BRADLEY	MS.	MARGARET JEAN	BRADLEY	CON THAMES S PT LOT 38	4642 LINE 3	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	GLENN WILBUR	BRADLEY	MS.	MARGARET JEAN	BRADLEY	4544 LINE 3	4642 LINE 3	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MS.	GLORIA YVONNE	FOSTER	MR.	CLARENCE ALLEN	FOSTER	1668 ROAD 123	1668 ROAD 123	RR 3		ST MARYS	ON	N4X 1C6
	MR.	JACOBUS JOHANNES	VAN NES	MS.	TERESA MARIE	VAN NES	17570 ELGINFIELD RD	3516 RD 119	RR 2 STN MAIN		STRATFORD	ON	N5A 6S3
	MR.	JEREMIAH JACKSON	CLOSE	MS.	CASSIE LEE	KIPFER	4469 LINE 3	4469 LINE 3	RR 3		ST MARYS	ON	N4X 1C6
	MR.	JOHN ALAN	WITT	MS.	CHARLENE BEVERLY	WITT	PERTH ROAD 122	1296 O'LOANE AVE			STRATFORD	ON	N5A 6S6
	MR.	JOHN ALAN	WITT	MS.	CHARLENE BEVERLY	WITT	LINE 2	1296 O'LOANE AVE			STRATFORD	ON	N5A 6S6
499 JAMES ST. STM INC.	MR.	JOHN HUGH	REID				500 JAMES ST S	1136 CENTRE STREET	SUITE 235		THORNHILL	ON	L4J 3M8
	MR.	KNOWLSON BROCK	HUESTON	MS.	BONNIE BELLE	HUESTON	4546 LINE 3	4546 LINE 3	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
ST MARYS CEMENT COMPANY	MS.	LISA	BALDI				585 WATER ST S	55 INDUSTRIAL STREET			TORONTO	ON	M4G 3W9
	MS.	LYNN MARIE	CARR	MR.	WILLIAM JOHN	CARR	1628 PERTH ROAD 123	1628 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MS.	MARY LYNN	MUMBERSON	MR.	DANIEL CHARLES	MILLER	1748 PERTH ROAD 123	1748 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	MICHAEL A	GROVER	MS.	PHYLLIS ELAINE	GROVER	LINE 2	4457 LINE 3	RR 3		ST MARYS	ON	N4X 1C6
	MR.	NEIL JOSEPH	PRIMEAU	MS.	ELAINE RACHEL	PRIMEAU	1664 PERTH ROAD 123	PO BOX 2437	NULL		ST MARYS	ON	N4X 1A3
	MR.	RAKESH	MISTRY	MS.	ERIN LEIGH	MISTRY	PERTH RD 123	1678 PERTH RD 123	RR 3		ST MARYS	ON	N4X 1C6
	MR.	RANDY CLAYTON	PARTRIDGE	MS.	WENDY LOUISE	PARTRIDGE	1646 PERTH ROAD 123	1646 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	RICHARD DAVID HUGH	GRATTON	MS.	KIMBERLEY ANNE	GRATTON	4461 LINE 3	4461 LINE 3	RR 5		ST MARYS	ON	N4X 1C6
	MR.	RICHARD JAMES	BLACKLOCK	MS.	CANDICE LOUISE	BLACKLOCK	1730 PERTH ROAD 123	1730 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	ROBERT MITCHELL	PASSMORE	MS.	CAROL ANN	PASSMORE	4495 LINE 3	4495 LINE 3	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	ROBERT MITCHELL	PASSMORE	MS.	CAROL ANN	PASSMORE	NULL	4495 LINE 3	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MR.	ROLAND LLOYD	PENNER	MS.	DORIS INGA	PENNER	1652 PERTH ROAD 123	1652 PERTH RD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
	MS.	ROSEMARY KATHERINE	REID				696 WATER ST S	PO BOX 512 STN MAIN			ST MARYS	ON	N4X 1B3
		SUNOVA FARMS INC	SUNOVA FARMS INC				17692 ELGINFIELD RD	17690 ELGINFIELD RD	RR 3		LAKESIDE	ON	N0M 2G0
	MS.	TAMMY BARBARA	MCCURDY	MR.	JASON REGINALD	MCCURDY	1760 PERTH ROAD 123	1760 PERTH RD 123	RR 3		ST MARYS	ON	N4X 1C6
NUTRECO CANADA INC	MR.	TOM	WARREN				600 JAMES ST S	RR 4	600 JAMES ST S		ST MARYS	ON	N4X 1C7
	MR.	WILLIAM DOUGLAS	HEARD	MS.	AUDREY EILEEN	HEARD	1736 PERTH ROAD 123	PO BOX 1592 STN MAIN			ST MARYS	ON	N4X 1B9
	MR.	WILLIAM FRANKLIN	KING	MS.	JULIE ANN	KING	1740 PERTH ROAD 123	1740 PERTH ROAD 123	RR 3 STN MAIN		ST MARYS	ON	N4X 1C6
1/2 CENTURY HOLDINGS INC			1/2 CENTURY HOLDINGS INC				1912 JAMES ST	PO BOX 789 STN MAIN	NULL		ST MARYS	ON	N4X 1B5
CANADIAN NATIONAL RAILWAY CO							CNR LAND IN PERTH SOUTH	ATT SUPERVISOR CONTRACTS & TAX	1 ADMINISTRATION RD		CONCORD	ON	L4K 1B9
DR MICHAEL NIXON DENTISTRY							520 WATER ST S		37 HERITAGE PLACE		ILDERTON	ON	N0M 2A0
KVC HOLDINGS, INC							500 WATER ST S	C/O BOX 729			ST MARYS	ON	N4X 1B4
MAPLE LEAF FOODS INC							1922 JAMES ST	1922 JAMES ST	RR 4 STN MAIN		ST MARYS	ON	N4X 1C7
PERTH SOUTH TOWNSHIP							CON THAMES PT LOT 26,27,28 PT	C/O MUNICIPAL CLERK	3191 RD 122		ST PAULS	ON	N0K 1V0
SHEPHERD GOURMET DAIRY(ONT)							38 ENTERPRISE DR	38 ENTERPRISE DR	BOX 847		ST MARYS	ON	N4X 1B6
ST MARYS TOWN - LIND SPORTPLEX SWIMMING QUARRY							425 WATER ST S	ATTN: MUNICIPAL CLERK	PO BOX 998 STN MAIN		ST MARYS	ON	N4X 1B6
ST MARYS TOWN CENTENNIAL PK							465 WATER ST S	TAX OFFICE	PO BOX 998 STN MAIN		ST MARYS	ON	N4X 1B6
ST MARYS TOWN LANDFILL							WATER ST S	175 QUEEN ST E	BOX 998		ST MARYS	ON	N4X 1B6
ST MARYS TOWN TENNIS CRTS NON SWIMMING QUARRY							458 WATER ST S	TAX OFFICE	PO BOX 998 STN MAIN		ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FARM PROPERTY							JAMES ST S	JAMES ST S	BOX 998		ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FARM PROPERTY								BOX 998	JAMES ST S		ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FORMER CNR							THAMES AVE	BOX 998	THAMES AVE		ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FRMR CNR LAND								BOX 998			ST MARYS	ON	N4X 1B6
ST MARYS TOWN-VACANT LAND							THOMAS ST	THOMAS ST	BOX 998		ST MARYS	ON	N4X 1B6
ST MARYS TOWN-VACANT LAND PARKING LOT ACROSS FROM BASEBALL HALL OF FAME							478 WATER ST S	478 WATER ST S	BOX 998		ST MARYS	ON	N4X 1B6
UNION GAS LIMITED							1706 PERTH ROAD 123	50 KEIL DR N	NULL		CHATHAM	ON	N7M 5M1

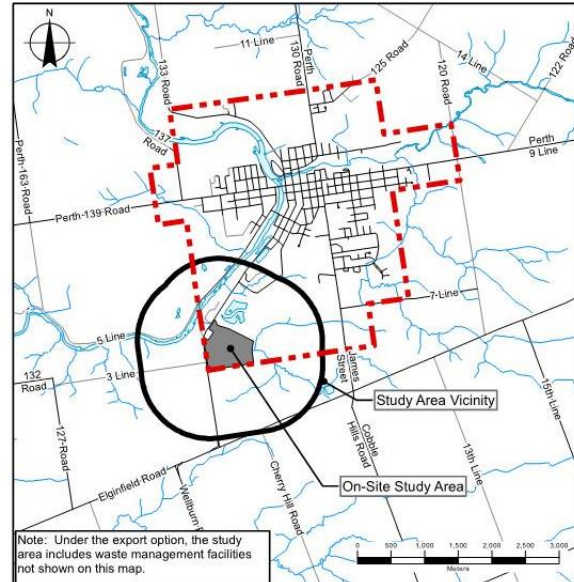
**Notice of Public Information Centre
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys**

The Study

The Town of St. Marys (Town) has initiated an Individual Environmental Assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option. The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town has reviewed options to manage solid waste over the next 40 years. The remaining options are 1) transport waste to a disposal facility outside St. Marys, or 2) expand the existing landfill. Our preliminary work suggests that expansion of the St. Marys landfill is preferred. Draft work plans have been prepared to define the study and evaluation of landfill expansion options in the next phase of the EA.

Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting the Project Team directly. Project notices are being advertised on the Town's website, in the local newspaper, as well as through direct communications with local landowners, Aboriginal communities, review agencies and utilities.



A Public Information Centre (PIC) has been arranged to describe the initial evaluation and draft work plans for the next phase of the EA. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the study and draft work plans will be available for public review on the Town's website: <http://townofstmarys.com/living/living.aspx?id=9840>. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre (PIC) details: Date: **Wednesday, August 26, 2015**
Time: **5:00 PM to 7:00 PM**
Place: **Municipal Operations Centre
408 James Street South, St. Marys, ON N4X 1B6**

If you would like information concerning this project, to provide comments, or to be added to the project mailing list, please contact either of the following Project Team members:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
408 James Street South, PO Box 998
St. Marys ON N4X 1B6
Phone: 519-284-2340 Ext. 209
Fax: 519-284-0902
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1S 6H3
Phone: 289-545-1051
Fax: 905-420-5247
Email: St.Marys.Waste.EA@rjburnside.com

All personal information included in a submission such as name, address, telephone number and property location is collected, maintained and disclosed by the Ministry of the Environment and Climate Change (MOECC) for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at 416 327 1434.

This Notice first issued on 27-July-2015.



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Attachment C

Agency and First Nation Notification

Notice of PIC#1 Agency and FN Mailing List
Town of St. Marys Waste Disposal EA
300032339_0000

Delivered Via:	Mailed Letter & Notice of PIC	Draft Work Plans Provided	Agency/Organization	Title	First Name	Last Name	Position	Address 1	Address 2	City	Province	Postal Code	Email
Mail	Yes		Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	15 Eddy Street		Gatineau	QC	K1A 0N9	luc.fortin@otc-cta.gc.ca
Mail	Yes		Environment Canada - Ontario Region	Mr.	Rob	Dobos	Manager, Environmental Assessment Section	867 Lakeshore Road	P.O. Box 5050	Burlington	ON	L7R 4A6	rob.dobos@ec.gc.ca
Mail	Yes		Department of Fisheries and Oceans Canada - Fish Habitat Management	Ms.	Sara	Eddy	Senior Habitat Biologist, Ontario-Great Lakes Area	District Office	867 Lakeshore Road	Burlington	ON	L7R 4A6	sara.eddy@dfo-mpo.gc.ca
Mail	Yes		Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	483 Bay Street	North Tower, 15th Floor	Toronto	ON	M5G 2P5	w.d.kloostra@hyrdoone.com
Mail	Yes		Ministry of Agriculture, Food and Rural Affairs- West-Central Region	Ms.	Carol	Neumann	Rural Planner	6484 Wellington Road 7	Unit 10	Elora	ON	N0B 1S0	carol.neumann@ontario.ca
Mail	Yes		Ontario Growth Secretariat	Mr.	Charles	O'Hara	Manager (A), Growth Policy	777 Bay Street	4th Floor, Suite 425	Toronto	ON	M5G 2E5	andrew.theoharis@ontario.ca charles.o'hara@ontario.ca
Mail	Yes		Ministry of Municipal Affairs and Housing- Western Municipal Service Office	Mr.	Bruce	Curtis	Manager, Community Planning and Development	659 Exeter Road	2nd Floor	London	ON	N6E 1L3	bruce.curtis@ontario.ca
Mail	Yes		Ministry of Natural Resources and Forestry- Guelph (Southern Region)	Mr.	David	Marriot	District Planner (A)	1 Stone Road West		Guelph	ON	N1G 4Y2	david.marriott@ontario.ca
Mail	Yes		Ministry of Natural Resources and Forestry- Guelph (Southern Region)	Mr.	Mike	Stone	District Planner (A)	1 Stone Road West		Guelph	ON	N1G 4Y2	mike.stone@ontario.ca
Mail	Yes		Ontario Ministry of Natural Resources and Forestry, Guelph District	Ms.	Kathy	Richardson	Senior Fish & Wildlife Technical Specialist	4890 Victoria Avenue		Vineland	ON	L0R 2E0	kathy.richardson@ontario.ca
Mail	Yes		Ontario Ministry of Natural Resources and Forestry	Mr.	Art	Timmerman	Management Biologist	1 Stone Road West		Guelph	ON	N1G 4Y2	art.timmerman@ontario.ca
Mail	Yes	Archaeological and Cultural Heritage Work Plan	Ministry of Tourism, Culture and Sport, Culture Services Unit	Mr.	Chris	Stack	Manager West Region Office	4275 King Street, 2nd Floor		Kitchener	ON	N2P 2E9	chris.stack@ontario.ca
Mail	Yes	Archaeological and Cultural Heritage Work Plan	Ministry of Tourism, Culture and Sport, Culture Services Unit	Ms.	Laura	Hatcher	Acting Team Lead, Heritage and Land Use Planning,	401 Bay Street	Suite 1700	Toronto	ON	M7A 0A7	laura.hatcher@ontario.ca
Mail	Yes		Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	483 Bay Street	North Tower, 15th Floor	Toronto	ON	M5G 2P5	w.d.kloostra@hyrdoone.com
Mail	Yes	Air Quality, Noise and Vibration Work Plan Archaeological and Cultural Heritage Work Plan Ecological Work Plan Hydrogeological Work Plan Socio-Economic Work Plan	Ministry of the Environment and Climate Change - Southwestern Region	Mr.	Bill	Armstrong	Environmental Resource Planner and Environmental Assessment Coordinator	733 Exeter Road		London	ON	N6E 1L3	
Mail	Yes		Ministry of Transportation West Region	Ms.	Jennifer	Graham Harkness	Manager- Engineering Office	659 Exeter Road		London	ON	N6E 1L3	kevin.bentley@ontario.ca jennifer.grahamharkness@ontario.c
Mail	Yes		Ministry of Transportation Corridor Management Section West Region	Mr.	Chris	Dixon	Cooridor Management Planner	659 Exeter Road		London	ON	N6E 1L3	Chris.Dixon@ontario.ca
Mail	Yes		Ontario Provincial Police- Business Management Bureau	Ms.	Paula	Brown		777 Memorial Avenue	1st Floor	Orillia	ON	L3V 7V3	Paula.Brown@ontario.ca
Mail	Yes		The Corporation of the Town of St. Marys	Mr.	David	Blake	Environmental Coordinator	408 James Street South	P.O. Box 998	St. Marys	ON	N4X 1B6	dblake@town.stmarys.on.ca
Mail	Yes		Perth County	Ms.	Jillene	Bellchamber-Glazier	County Clerk	Office of Chief Administrative Officer	1 Huron Street	Stratford	ON	N5A 5S4	
Mail	Yes		Municipality of Thames Centre	Mr.	Jarrold	Craven	Director of Environmental Services (Acting)	4305 Hamilton Road		Dorchester	ON	N0L 1G3	jcraven@thamescentre.on.ca
Mail	Yes		Municipality of Southwest Middlesex	Mr.	Jaime	Francisco	Public Works Manager	153 McKellar Street	Box 218	Glencoe	ON	N0L 1M0	jfrancisco@southwestmiddlesex.ca
Mail	Yes		Enbridge Gas Distribution Inc.	Mr.	Vince	Cina	Supervisor, Planning and Design	500 Consumers Road		North York	ON	M2J 1P8	
Mail	Yes		Rogers Communications	Ms.	Marian	Wright	Planning Coordinator	3573 Wolfedale Road		Mississauga	ON	L5C 3T6	Marion.Wright@rci.rogers.com
Mail	Yes		Union Gas Limited	Ms.	Lindsay	Robinson	District Engineer	PO Box 2001		Chatham	ON	N7M 5M1	
Mail	Yes		Bell Canada	Ms.	Wendy	Lefebvre	Design Manager, Access Network	5115 Creekbank Road West	3rd Floor	Mississauga	ON	L4W 5R1	wendy.lefebvre@bell.ca
Mail	Yes		Bell Canada	Mr.	Scott	Moon	Implementation Department	5115 Creekbank Road	3rd Floor, West Tower	Mississauga	ON	L4W 5R1	scott.moon@bell.ca
Mail	Yes		Rogers Business Solutions	Mr.	Tony	Basson	Director of Environment and Sustainability	1 Mount Pleasant Road		Toronto	ON	M4Y 2Y5	
Mail	Yes		Enbridge Pipelines Ltd.	Ms.	Ann	Newman	Crossing Co-ordinator	801 Upper Canada Drive	P.O. Box 128	Sarnia	ON	N7T 7H8	
Mail	Yes		Trans Canada Corporation- Lehman and Associates Office (Ontario)	Ms.	Darlene	Presley	EA contact	97 Collier Street		Barrie	ON	L4M 1H2	darlene@lehmanplan.ca

Notice of PIC#1 Agency and FN Mailing List
Town of St. Marys Waste Disposal EA
300032339_0000

Delivered Via:	Mailed Letter & Notice of PIC	Draft Work Plans Provided	Agency/Organization	Title	First Name	Last Name	Position	Address 1	Address 2	City	Province	Postal Code	Email
Mail	Yes		Trans-Northern Pipelines Inc.	Mr.	Satish	Korpall	Coordinator, Crossings and Facilities	45 Vogell Road	Suite 310	Richmond Hill	ON	L4B 3P6	skorpall@tnpi.ca
Mail	Yes	Hydrogeological Work Plan	Upper Thames Region Conservation Authority	Ms.	Karen	Winfield	Land Use Regulations Officer	1424 Clarke Road		London	ON	N5V 5B9	winfieldk@thamesriver.on.ca
Mail	Yes		St. Marys Fire Department	Mr.	Dennis	Brownlee	Fire Chief	172 James St. S	P.O. Box 2975	St. Mary's	ON	N4X 1C6	dbrownlee@town.stmarys.on.ca
Mail	Yes		County of Perth Ambulance	Mr.	Cliff	Eggleton	EMS Deputy Chief/ Operations Manager	187 Erie Street, 2nd Floor		Stratford	ON	N5A 2M6	www.perthcounty.ca
Mail	Yes		Heritage St. Marys	Mr.	Larry	Pfaff	Co-Chairperson	P O Box 998	St. Marys Town Hall	St. Marys	ON	N4X 1B6	c/o Trisha McKibbin, Manager of Cultural Services Email: tmckibbin@town.stmarys.on.ca
Mail	Yes		Heritage St. Marys; St. Mary's Museum	Ms.	Jan	Mustard	Co-Chairperson	P O Box 998	St. Marys Town Hall	St. Marys	ON	N4X 1B6	
Mail	Yes		Avon Maitland District School Board				Planner	62 Chalk Street N.		Seaforth	ON	N0K 1W0	info@fc.amdsb.ca
Mail	Yes		Huron Perth District Catholic School Board	Ms.	Anne Marie	Nicholson	Planner	Board Office, 87 Mill Street	P.O. Box 70	Dublin	ON	N0K 1E0	
Mail	Yes		Conseil scolaire Viamonde				Planner	116 Cornelius Pkwy		North York	ON	M6L 2K5	www.csviamonde.ca/csviamonde
Mail	Yes		Conseil scolaire de district des écoles catholiques du Sud-Ouest				Sir / Madam	7515 Forest Glade Drive		Windsor	ON	N8T 3P5	Website: vibe.csdecso.on.ca
Mail	Yes		Canadian Pacific Railway- Pension Real Estate/ Land Management Office					ATTN: Pension Real Estate/Land Management	1290 Central Parkway West, Suite 800	Mississauga	ON	L5C 4R3	
Mail	Yes		CN Rail	Mr.	Stefan	Linder	Manager, Public Works Design and Construction	4 Welding Way (off Administration Road)		Vaughan	ON	L4K 1B9	stefan.linder@cn.ca
Mail	Yes		Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Chief	Chris	Plain	Chief	Aamjiwnaang Administration Office	978 Tashmoo Avenue	Sarnia	ON	N7T 7H5	cplain@aamjiwnaang.ca; Aamjiwnaang.chief@gmail.com
Mail	Yes	CD containing all workplans	Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Ms.	Sharilyn	Johnston		Aamjiwnaang Administration Office	978 Tashmoo Avenue	Sarnia	ON	N7T 7H5	sjohnston@aamjiwnaang.ca CC Wanda Maness: wmaness@outlook.com
Mail	Yes		Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Mr.	Wilson	Plain Jr.		Aamjiwnaang Administration Office	978 Tashmoo Avenue	Sarnia	ON	N7T 7H5	
Mail	Yes		Caldwell First Nation	Chief	Louise	Hillier	Chief	P.O. Box 388		Leamington	ON	N8H 3W3	lmh@porchlight.ca; cfnchief@live.com
Mail	Yes	CD containing all workplans	Caldwell First Nation	Ms.	Carrie Anne	Peters		P.O. Box 388		Leamington	ON	N8H 3W3	health@caldwellfirstnation.com
Mail	Yes		Chippewas of Kettle and Stony Point FN	Chief	Thomas	Bressette	Chief	Kettle and Stony Point FN, 6247 Indian Lane	RR#2	Forest	ON	N0N 1J0	Thomas.bressette@kettlepoint.org; Toni.george@kettlepoint.org
Mail	Yes	CD containing all workplans	Chippewas of Kettle and Stony Point FN	Ms.	Suzanne	Bressette	Communications Relations Officer	Kettle and Stony Point FN, 6247 Indian Lane	RR#2	Forest	ON	N0N 1J0	sue.bressette@kettlepoint.org
Mail	Yes		Chippewas of the Thames First Nation	Chief	Robert, 'Joe'	Miskokomon	Chief	320 Chippewa Road	RR#1	Muncey	ON	N0L 1Y0	chief@cottfn.ca; cdeleary@cottfn.com
Mail	Yes	CD containing all workplans	Chippewas of the Thames First Nation	Ms.	Rolanda	Elijah	Director of Lands and Environment Department	4 Anishinaabeg Drive		Muncey	ON	N0L 1Y0	relijah@cottfn.com
Mail	Yes	CD containing all workplans	Chippewas of the Thames First Nation	Ms.	Fallon	Burch	Consultation Coordinator	320 Chippewa Road	RR#1	Muncey	ON	N0L 1Y0	fburch@cottfn.com
Mail	Yes		Delaware Nation (Moravian of the Thames)	Chief	Greg	Peters	Chief	14760 School House Line	RR# 3	Thamesville	ON	N0P 2K0	gcpeters@mnsi.net
Mail	Yes		Delaware Nation (Moravian of the Thames)	Ms.	Tina	Jacobs	Lands and Resources Consultation Manager	14760 School House Line	RR# 3	Thamesville	ON	N0P 2K0	tnajay@xplornet.com
Mail	Yes		Delaware Nation (Moravian of the Thames)	Mr.	Justin	Logan	Lands and Resources Consultation Assistant	14760 School House Line	RR# 3	Thamesville	ON	N0P 2K0	loganju@xplornet.com
Mail	Yes	CD containing all workplans	Haudenosaunee Development Institute	Ms.	Hazel	Hill	Interim Director, Six Nations of the Grand River Territory	16 Sunrise Court	Suite 407, PO Box 714	Ohswéken	ON	N0A 1M0	hdi2@bellnet.ca
Mail	Yes		Mississaugas of New Credit First Nation	Ms.	Margaret	Salt	Director of Lands, Resources and Management	Consultation and Outreach Office, R.R. #6	2789 Mississauga Road	Hagersville	ON	N0A 1H0	margaret.salt@newcreditfirstnation.com
Mail	Yes		Mississaugas of the New Credit First Nation	Chief	Bryan	LaForme	Chief	Consultation and Outreach Office, R.R. #6	2789 Mississauga Road	Hagersville	ON	N0A 1H0	bryanlaforme@newcreditfirstnation.com; www.newcreditfirstnation.com
Mail	Yes		Mississaugas of the New Credit First Nation	Ms.	Carolyn	King	Geomatics Environmental Technician	Consultation and Outreach Office, R.R. #6	2789 Mississauga Road	Hagersville	ON	N0A 1H0	carolyn.king@newcreditfirstnation.com; send correspondence to Chief and Margaret Salt, Copy Ms. King
Mail	Yes		Munsee-Delaware First Nation	Chief	Roger	Thomas	Chief	RR#1	1289 Jubilee Road	Muncey	ON	N0L 1Y0	rthomas@munsee.on.ca
Mail	Yes		Munsee-Delaware First Nation	Mr.	Dan	Miskokoman	Band Manager	Administration Office, RR#1	289 Jubilee Road	Muncey	ON	N0L 1Y0	band.manager@munsee-delaware.org; drskoke@hotmail.com
Mail	Yes		Oneida of the Thames First Nation	Chief	Joel	Abram	Chief	2212 Elm Avenue		Southwold	ON	N0L 2G0	Joel.abram@onieda.on.ca

Notice of PIC#1 Agency and FN Mailing List
Town of St. Marys Waste Disposal EA
300032339_0000

Delivered Via:	Mailed Letter & Notice of PIC	Draft Work Plans Provided	Agency/Organization	Title	First Name	Last Name	Position	Address 1	Address 2	City	Province	Postal Code	Email
Mail	Yes		Walpole Island First Nation (Bkejwanong Territory)	Chief	Burton	Kewayosh Jr.	Chief	Bkejwanong Territory, 117 Tahgahoning Road	RR#3	Wallaceburg	ON	N8A 4K9	burton.kewayash@wifn.org; Terri.george@wifn.org
Mail	Yes		Walpole Island First Nation (Bkejwanong Territory)	Mr.	Dean	Jacobs	Consultation Manager	Bkejwanong Territory, 117 Tahgahoning Road	RR#3	Wallaceburg	ON	N8A 4K9	dean.jacobs@wifn.org
Mail	Yes	CD containing all workplans	Walpole Island First Nation (Bkejwanong Territory)	Mr.	Jared	Macbeth	Consultation Manager	Bkejwanong Territory, 117 Tahgahoning Road	RR#3	Wallaceburg	ON	N8A 4K9	jared_macbeth@wifn.org
Mail	Yes		Windsor Essex Metis Council	Mr.	Andrew	Good	President	4745 Huron Church Line		Windsor	ON	N9H 1H5	andrew_j_good@hotmail.com; www.windsorsexmetis.com
Mail	Yes		Metis Nation of Ontario	Mr.	James	Wagar	Manager of Natural Resources	Lands, Resources and Consultations, Suite 311	311-75 Sherbourne Street	Toronto	ON	M5A 2P9	jamesw@metisnation.org; http://www.metisnation.org/programs/offices-and-staff.
Mail	Yes		Metis Nation of Ontario	Mr.	Gary	Lipinski		500 Old St. Patrick Street	Unit 3	Ottawa	ON	K1N 9G4	
Mail	Yes		Association of Iroquois and Allied Indians	Ms.	Denise	Stonefish	Deputy Grand Chief	387 Princess Avenue		London	ON	N6B 2A7	dstonefish@aiai.on.ca
Mail	Yes	CD containing all workplans	Six Nations of the Grand River	Ms.	Joanne	Thomas	Consultation Point Person	2498 Chiefswood Road,	P.O. Box 5000	Oshweken	ON	N0A 1M0	jthomas@sixnations.ca
Email	Yes		Transport Canada - Ontario Region (PHE)	Mr.	David	Zeit	Senior Environmental Officer	4900 Yonge Street		North York	ON	M2N 6A5	david.zeit@tc.gc.ca CC: EnviroOnt@tc.gc.ca
Email	Yes		Aboriginal Affairs and Northern Development Canada - Consultation and Accommodation Unit (CAU) Ontario Office				Sir / Madam						UCA-CAU@aadnc-aandc.gc.ca (use 'Aboriginal consultation information' as email subject heading)
Email	Yes		Aboriginal Affairs and Northern Development Canada - Environmental Assessment Coordination, Environment Unit, Lands and Trusts Services				Sir / Madam	25 St. Clair Avenue East	8th Floor	Toronto	ON	M4T 1M2	EACoordination_ON@aadnc-aandc.gc.ca
Email	Yes		Ontario Power Generation	Ms.	Susan	Rapin	Director, Environment Services	700 University Avenue		Toronto	ON	M5G 1X6	susan.rapin@opg.com
Email	Yes		Ministry of Aboriginal Affairs - Policy and Relationships Branch				Sir / Madam						MAA.EA.Review@ontario.ca
Email	Yes		Ministry of Environment and Climate Change - Environmental Assessment and Approvals Branch				Sir / Madam						MEA.NOTICES.EAAB@ontario.ca
Email	Yes		Township of Perth South	Mr.	Ken	Bettles	Director of Public Works	3191 Road 122		St. Pauls	ON	N0K 1V0	kbettles@perthsouth.ca
Email	Yes		Municipality of South Huron	Mr.	Don	Giberson	Environmental Services Director	322 Main Street South	PO Box 759	Exeter	ON	N0M 1S6	d.giberson@southheron.ca
Email	Yes		County of Brant	Mr.	Matthew	D'Hondt	Solid Waste/Wastewater Operations Manager	26 Park Avenue	PO Box 160	Burford	ON	N0E 1A0	publicworks@brant.ca
Email	Yes		Bell Canada	Ms.	Jenny	Kendrick	Implementation Manager	100 Dundas Street	4th Floor	London	ON	N6A 5B6	jenny.kendrick@bell.ca
Email	Yes		MTS – Allstream				Sir / Madam	50 Worcester Road		Etobicoke	ON	M9W 5X2	utility.circulations@mtsallstream.com
Email	Yes		Hydro One Real Estate Management	Ms.	Joan	Zhao		185 Clegg Road		Markham	ON	L6G 1B7	Joan.Zhao@HydroOne.com
Email	Yes		Hydro One Real Estate Management	Mr.	Brian	McCormick		185 Clegg Road		Markham,	ON	L6G 1B7	Brian.Mccormick@HydroOne.com
Email	Yes		Perth District Health Unit	Dr.	Miriam	Klassen	Medical Officer of Health & Chief Executive Officer	653 West Gore Street		Stratford	ON	N5A 1L4	mklassen@pdhu.on.ca cc: dtaylor@pdhu.on.ca
Email	Yes		Six Nations of the Grand River	Chief	William K.	Montour		2498 Chiefswood Road,	P.O. Box 5000	Oshweken	ON	NOA 1MO	wkm@sixnations.ca; arleenmaracle@sixnations.ca
Email	Yes		Six Nations of the Grand River	Ms.	Caron	Smith		2498 Chiefswood Road,	P.O. Box 5000	Oshweken	ON	NOA 1MO	csmith@sixnations.ca (copy in all correspondence to Chief)

CD contained the following Work Plans: Air Quality, Noise and Vibration Work Plan, Archaeological and Cultural Heritage Work Plan, Ecological Work Plan, Hydrogeological Work Plan and Socio-Economic Work Plan



Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre

From: Martina Paznar [mailto:Martina.Paznar@rjburnside.com]

Sent: Wednesday, July 29, 2015

To:

Cc:

Subject: Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre

Good Afternoon,

I am contacting you on behalf of the Town of St. Marys in regards to the Notice of Public Information Centre for the Future Solid Waste Disposal Needs Environmental Assessment (attached below). If you have any questions or comments about the project, please contact the project manager as listed within the notice.

Thank you,

Town of St. Marys EA Study Team

**** CONFIDENTIALITY NOTICE ****

This electronic transmission and any accompanying attachments may contain privileged or confidential information intended only for the use of the individual or organization named above. Any distribution, copying or action taken in reliance on the contents of this communication by anyone other than the intended recipient(s) is STRICTLY PROHIBITED.

If you have received this communication in error please notify the sender at the above email address and delete this email immediately.

Thank you.



July 29, 2015

Via: «Delivered_Via»

«Title» «First_Name» «Last_Name»
«Position»
«AgencyOrganization»
«Address_1»
«Address_2»
«City» «Province» «Postal_Code»

Dear «Title» «Last_Name»:

**Re: Notice of Public Information Centre and Availability of Work Plans
Future Solid Waste Disposal Needs Individual Environmental Assessment
Town of St. Marys
Project No.: 300032339.0000**

The Town of St. Marys (Town) has initiated an Individual Environmental Assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option. The Town's landfill site is nearing its current approved capacity. To outline how the EA will address this issue, a Terms of Reference (TOR) was submitted and approved by the Minister of the Environment and Climate Change. As part of the EA, and following the TOR screening of alternatives, the Town has completed a preliminary evaluation of the two remaining options for solid waste disposal:

1. Transporting waste to a disposal facility outside St. Marys (the export option); and,
2. Expanding the existing St. Marys landfill (the expansion option).

Based on our preliminary evaluation, expanding the landfill is the current preferred option. Draft work plans have been prepared to move forward with a more detailed review of landfill expansion design options. Work plans define background data and outline the evaluation process proposed by the Project Team. These draft plans are «Text_insert» available on the Town's website: <http://townofstmarys.com/living/living.aspx?id=9840>. At this stage, we invite you to review and provide comments regarding these work plans and the project.

In order to inform stakeholders of the project and allow opportunity for comment and response from members of the Project Team, a Public Information Centre (PIC) is being held. The purpose of this meeting is to present information regarding the preliminary assessment and work plans and invite comments from interested members of the public, First Nation and review agencies.

We have enclosed a copy of the *Notice of Public Information Center* and invite you to attend:

Date: **Wednesday, August 26, 2015**
Time: **5:00 PM to 7:00 PM**
Place: **Municipal Operations Centre**
408 James Street South, St. Marys, ON N4X 1B6

Following completion of the PIC, and in consideration of comments received, a final decision will be made to expand the landfill or transport waste elsewhere. Subject to the outcome, work plans will be enacted and expansion design options will be studied.

Should you have questions or comments regarding the project, the disposal option evaluation or any of the work plans, please contact either of the team leads listed below:

Dave Blake, C.E.T.


Environmental Co-ordinator
The Corporation of the Town of St. Marys
Tel: 519-284-2340
Fax: 519 284 0902
Email: dblake@town.stmarys.on.ca

James Hollingsworth

Technical Leader, Solid Waste
R.J. Burnside & Associates Limited
Tel: 289-545-1051
Fax: 905 420 5247
Email: St.Marys.Waste.EA@rjburnside.com

Yours truly,

R.J. Burnside & Associates Limited



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste
JH:mp

Enclosure(s) «*Letter_and_Notice*»
 «*Hard_copy_of_Workplans*»
 «*CD_of_Workplans*»

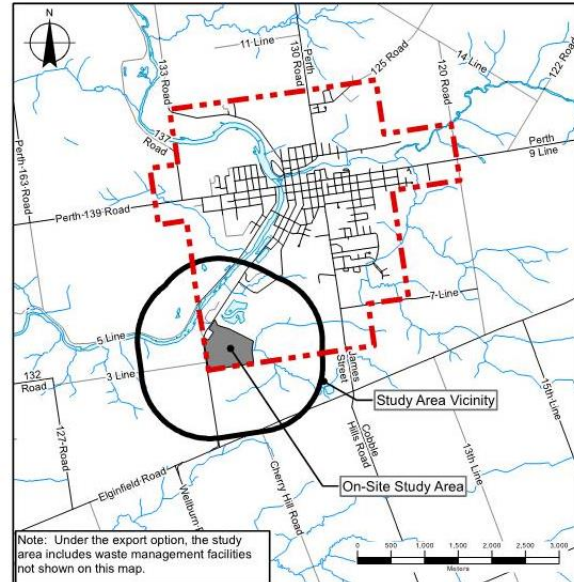
cc: Dave Blake, C.E.T., Town of St. Marys (enc.) (Via: Email)

Other than by the addressee, copying or distribution of this document, in whole or in part, is not permitted without the express written consent of R.J. Burnside & Associates Limited.

**Notice of Public Information Centre
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys**

The Study

The Town of St. Marys (Town) has initiated an Individual Environmental Assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option. The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town has reviewed options to manage solid waste over the next 40 years. The remaining options are 1) transport waste to a disposal facility outside St. Marys, or 2) expand the existing landfill. Our preliminary work suggests that expansion of the St. Marys landfill is preferred. Draft work plans have been prepared to define the study and evaluation of landfill expansion options in the next phase of the EA.



Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting the Project Team directly. Project notices are being advertised on the Town's website, in the local newspaper, as well as through direct communications with local landowners, Aboriginal communities, review agencies and utilities.

A Public Information Centre (PIC) has been arranged to describe the initial evaluation and draft work plans for the next phase of the EA. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the study and draft work plans will be available for public review on the Town's website: <http://townofstmarys.com/living/living.aspx?id=9840>. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre (PIC) details: Date: **Wednesday, August 26, 2015**
Time: **5:00 PM to 7:00 PM**
Place: **Municipal Operations Centre
408 James Street South, St. Marys, ON N4X 1B6**

If you would like information concerning this project, to provide comments, or to be added to the project mailing list, please contact either of the following Project Team members:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
408 James Street South, PO Box 998
St. Marys ON N4X 1B6
Phone: 519-284-2340 Ext. 209
Fax: 519-284-0902
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1S 6H3
Phone: 289-545-1051
Fax: 905-420-5247
Email: St.Marys.Waste.EA@rjburnside.com

All personal information included in a submission such as name, address, telephone number and property location is collected, maintained and disclosed by the Ministry of the Environment and Climate Change (MOECC) for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MOECC's Freedom of Information and Privacy Coordinator at 416 327 1434.

This Notice first issued on 27-July-2015.



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Appendix D

St. Marys Municipal Alert



Notice of Public Info Centre - Future Solid Waste Disposal Needs...

Town of St. Marys

to:

jamie.hollingsworth

08/06/2015 09:55 AM

Hide Details

From: "Town of St. Marys" <communications@town.stmarys.on.ca>

To: jamie.hollingsworth@rjburnside.com

Please respond to communications@town.stmarys.on.ca

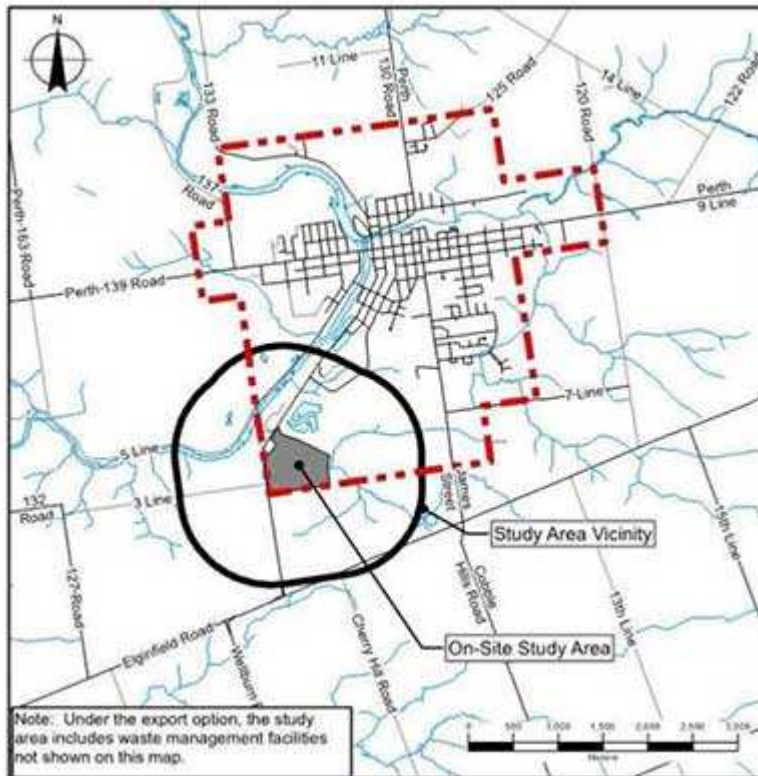


Municipal Alerts

Notice of Public Information Centre Future Solid Waste Disposal Needs Environmental Assessment Town of St. Marys

The Study

The Town of St. Marys (Town) has initiated an Individual Environmental Assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option. The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town has reviewed options to manage solid waste over the next 40 years. The remaining options are 1) transport waste to a disposal facility outside St. Marys, or 2) expand the existing landfill. Our preliminary work suggests that expansion of the St. Marys landfill is preferred. Draft work plans have been prepared to define the study and evaluation of landfill expansion options in the next phase of the EA.



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Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting the Project Team directly. Project notices are being advertised on the Town's website, in the local newspaper, as well as through direct communications with local landowners, Aboriginal communities, review agencies and utilities.

A Public Information Centre (PIC) has been arranged to describe the initial evaluation and draft work plans for the next phase of the EA. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the study and draft work plans will be available for public review on the Town's website: <http://townofstmarys.com/living/living.aspx?id=9840>. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre

Date: Wednesday, August 26, 2015

(PIC) details:

Time: 5:00 PM to 7:00 PM

Place: Municipal Operations Centre

408 James Street South, St. Marys, ON N4X 1B6

If you would like information concerning this project, to provide comments, or to be added to the project mailing list, please contact either of the following Project Team members:

Dave Blake, C.E.T.

The Corporation of the Town of St. Marys
408 James Street South, PO Box 998
St. Marys ON N4X 1B6
Phone: 519-284-2340 Ext. 209
Fax: 519-284-0902
Email: dblake@town.stmarys.on.ca

James Hollingsworth

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1S 6H3
Phone: 289-545-1051
Fax: 905-420-5247
Email: St.Marys.Waste.EA@rjburnside.com

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This Notice first issued on 27-July-2015.

[Forward this email](#)



This email was sent to jamie.hollingsworth@rjburnside.com by communications@town.stmarys.on.ca

| [Update Profile/Email Address](#) | Rapid removal with [SafeUnsubscribe™](#) | [About our service provider.](#)



Town of St. Marys - Municipal Operations Centre | 408 James St. S. | P.O. Box 998 | St. Marys | Ontario | N4X 1B6 | Canada



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Appendix B

Display Boards

Appendix B



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St. Marys Future Solid Waste Disposal Needs Environmental Assessment

Public Information Centre #1

Wednesday, August 26, 2015

5:00 PM to 7:00 PM

Municipal Operations Centre

408 James Street South, St. Marys, ON N4X 1B6



Welcome

Please:

- **Sign In**
- **Ask questions about the project**

This Public Information Centre (PIC) is to:

- Summarize the EA work to date
- Present our initial evaluation of *Alternatives*
- Obtain feedback on
 - The *Alternatives* evaluation and preferred solution
 - Next Steps, including Work Plans

Background

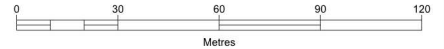
- The St. Marys landfill is nearly full
- An Environmental Assessment (EA) has been started to evaluate the best option for the Town's future waste
- Several *Alternatives* were considered in the early stages of the study
- *Alternatives* were narrowed down to:
 - Exporting waste to a site outside St. Marys
 - Expanding the St. Marys landfill
 - “Do Nothing” (as a comparison)



LEGEND

- - - - - PROPERTY BOUNDARY
- - - - - 100m SETBACK
- - - - - APPROXIMATE WASTE AREA
- — — — — DRAINAGE SWALE

SATELLITE IMAGE: GOOGLE EARTH 2013



**TOWN OF ST. MARYS
LANDFILL SITE PLAN**

Scale
1:1,500

Project No.
300032339.2014

Figure No.
1

St. Marys EA Process



Prepare Terms of Reference

to set out how the study will be carried out

Assess Alternatives To the Undertaking

Is it preferable to export waste to another landfill or expand the current landfill?

Meet with the Public

to present and obtain input on the Preferred Alternative

(to expand the St. Marys landfill)

Assess Alternative Designs

How should the landfill expansion be designed?

Meet with the Public

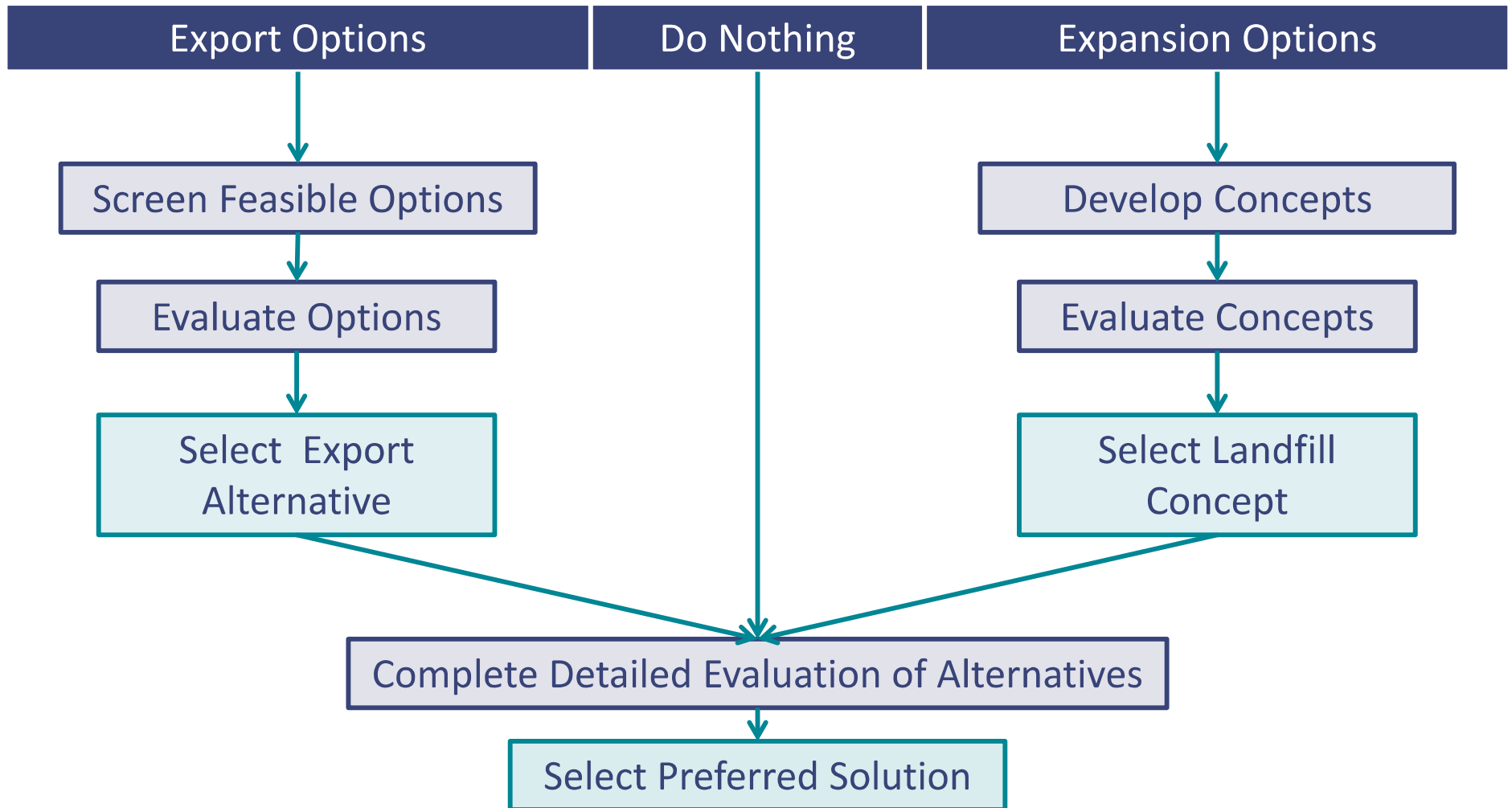
to present and obtain input on the preferred landfill design

Finalize EA

Additional opportunity for public comment.



Evaluation Process



Export Options

Waste Transport Options

Haulage/Collection Trucks

- Using collection trucks to transport waste directly to final destination.

Use of Town Owned Transfer Station

- Town would build and operate a transfer station.
- Waste taken to transfer station then sent by tractor trailer to destination.

Use of Existing Private Transfer Station

- Waste taken to private transfer station.
- Transfer station responsible for move to final location.

Disposal Site Options

Local Municipal Sites

- Owned and operated by other neighbouring municipalities.

Private Sites

- Privately owned sites in southern Ontario

Waste to Energy Facilities

- One currently operating in GTA
- “Burns” waste to create energy.

Sites Located within the USA

Use as Waste Derived Fuel

Export Evaluation Process

- Pre-screened (eliminated) impractical options
- Questionnaire sent to municipal & private operators to obtain information on:
 - Disposal/transfer station/haulage fees
 - Available capacity
 - Approvals required
- Evaluated on environmental criteria:
 - Natural Environment
 - Socio-Economic Factors
 - Financial Factors
 - Technical Factors
 - Cultural Factors
 - Aboriginal Land Connections

Export Pre-Screening

	Direct Haulage	(New) Town Transfer Station	Existing (Private) Transfer Station
Local Municipal Landfill	✓	✓	✗
Ontario Based Private Landfill	✓	✓	✓
WTE Facility (in GTA)	✗	✓	✗
U.S.A. Landfill	✗	✗	✓
Waste Derived Fuel	✗	✗	✗

✓ Feasible & Practical (Evaluate)

✗ Not Feasible or Practical Not Evaluated Further

Best	●
Good	◐
Average	◑
Poor	◒
Worst	○

Environmental Evaluation of Export

	Municipal Landfill	Private Landfill	Town Transfer Station & Municipal Landfill	Town Transfer Station & Private Landfill	Town Transfer Station & GTA Incinerator	Regional Transfer Station & Private Landfill	Regional Transfer Station & USA Landfill
Natural Environment	○	◐	○	◐	●	◐	◐
Socio-Economic Factors	◑	○	●	●	●	◒	○
Financial Factors	◐	●	◒	◒	○	◑	◑
Technical Factors	●	●	●	●	◑	●	◑
Cultural Factors	◑	●	◑	◐	◐	●	●
Aboriginal Land Connections	●	●	◑	◑	◑	●	●
Ranking	◒	●	○	◑	◒	◐	◒

Preferred Method

Preferred Export Option

Haulage to a Private Landfill in Southern Ontario is preferred:

- No new capital costs
- Competitive Prices (tender based solution in a competitive market)
- Proximity to St. Marys - no long haul required
- Expect landfill to have environmental controls (landfill gas collection, leachate collection)
- Established /Proven Technology

Preliminary Landfill Expansion Design Concept

- A preliminary landfill design was developed based on:
 - Total capacity requirement
 - Overall peak height
 - Required additional land use (within property)
 - Compatibility with existing infrastructure
 - Efficient use of potential capacity
 - Impact of landfill development on watercourse
 - Financial implications
 - Provincial Guidelines and regulations
- The preliminary design concept will be refined if expansion is the Preferred Alternative.

Best	●
Good	◐
Average	◑
Poor	◒
Worst	○

Export vs Expansion

		Do Nothing	Export	Expansion
Natural Environment	Potential effects on air quality, climate change, groundwater, lakes and rivers, wildlife habitat, endangered and threatened species, aggregate resources, and others.	○	●	◐
Socio-Economic Factors	Includes conformity with municipal plans and policies, impacts to residents, local businesses and industries, quality of service, nuisance effects, aesthetics.	○	◑	●
Financial Factors	Includes capital costs, operation and maintenance costs, long-term security/stability of costs and overall cost/tonne of waste.	◑	●	◐
Technical Factors	Considers known/proven vs. emerging/untested technologies, approvals & agreements required and solution lifespan.	○	◐	●
Cultural Environment	Includes potential effects on cultural and archaeological resources and heritage landscapes.	●	◑	◐
Aboriginal Land Connections	Includes consideration of Aboriginal rights, treaties, historical and traditional use of the land.	●	◑	◑
Final Ranking		○	◑	●

Current Preferred Alternative →

Current Preferred *Alternative*

Expansion of the St. Marys Landfill:

- Has highest overall ranking
- Maintains existing services
 - Allows future service enhancements
- Provides long term security
- Offers local employment & economic benefits
- Utilizes and improves existing infrastructure
- Creates incentive to minimize disposal

Next Steps

- Consider your comments on the evaluation and Landfill Expansion Option.
- If expanding the landfill:
 - Collect current environmental information for Site and surrounding Areas (see Draft Work Plans)
 - Identify Alternative designs for landfill expansion (e.g. footprints, infrastructure, operating techniques to minimize nuisance impacts etc.)
 - Evaluate design options and identify the best option
 - Continue consultation, seeking comments on expansion assessment results
 - Prepare & submit EA documentation

Draft Work Plans

Draft Work Plans identify:

- Studies and data collection to be undertaken
- Procedures and criteria to evaluate alternative landfill designs and assess potential impacts
- Permits and authorizations likely to be required

**We are seeking your input on the
Draft Work Plans**

Thank - You

- We appreciate your participation
- If you have additional questions or comments please contact either

Dave Blake, C.E.T.

The Corporation of the
Town of St. Marys
408 James Street South
PO Box 998

St. Marys ON N4X 1B6

 519-284-2340 Ext. 209

 519-284-0902

 dblake@town.stmarys.on.ca

James Hollingsworth

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering ON L1V 7G7

 289-545-1051

 905-420-5247

 St.Marys.Waste.EA@rjburnside.com





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Appendix C

PIC #1 Sign-In Sheet

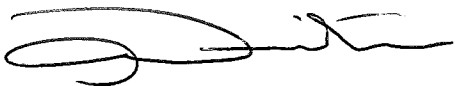


**Town of St. Marys
Future Solid Waste Disposal Needs Environmental Assessment Study**



SIGN-IN SHEET (PLEASE PRINT)

Public Information Centre # 1 – August 26, 2015 5:00 p.m. – 7:00 p.m.
Municipal Operations Centre 408 James St. S, St. Marys, ON N4X 1B6

NAME (PLEASE PRINT)	ORGANIZATION (PLEASE PRINT)	MAILING ADDRESS (incl. Postal Code) (PLEASE PRINT)	PHONE NO. / E-MAIL (PLEASE PRINT)	DO YOU WISH TO BE ON THE MAILING LIST?
Dan Singleton	P.D.H.U.		dsingleton@pathu.on.ca	Yes / <input checked="" type="radio"/> No
MATT NOJADA	ST. MARYS CEMENT		matthew.novada@vcimentos.com	<input checked="" type="radio"/> Yes / No
	Town Council			Yes / No
MIKE GROVER		4457 LIME3 RR#3 ST MARYS	519-870-8010	<input checked="" type="radio"/> Yes / No
AZ Strickland	Town of St. Marys			Yes / <input checked="" type="radio"/> No
Brent Kitterer	" " "			Yes / <input checked="" type="radio"/> No
Stew Slater	St. Marys Journal Argus			Yes / <input checked="" type="radio"/> No
				Yes / No

All personal information included in a submission - such as name, address, telephone number and property location - is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of the public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434.



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Appendix D

Newspaper Articles

Landfill site environmental assessment



SLATER PHOTO

R.J. Burnside solid waste specialist Jamie Hollingsworth explains the options for expanding the St. Marys landfill site during an information session last week.

Expansion the preferred option

STEW SLATER

slater@stmarys.com

Based on an evaluation of options for future disposal of Town of St. Marys solid waste, it's decided that the St. Marys landfill is not the best place then haulage to a private landfill in Ontario — as opposed to other alternatives like energy-from-waste, another municipality's landfill, or disposal in the United States — would be the preferred route.

That assessment was provided to the public at an information session on Wednesday, Aug. 26 hosted by the Town's Operations Department and the engineering consulting firm hired to direct an ongoing Environmental Assessment (EA) into future waste disposal — for which last week's session was a required step.

More importantly, though, information provided at the meeting also informed the public that, based on preliminary analysis by the R.J. Burnside consultant, export away from St. Marys is not the way to go. Instead, as highlighted in a series of display boards spread around the Municipal Operations Centre (and also available for viewing online at www.townofstmarys.com/living/living.aspx?id=9840), expansion of the existing Water Street South facility is, so far, the consulting firm's recommended path.

Ontario Ministry of the Environment-approved capacity at the landfill is almost maxed out. According to Town of St. Marys Environment Coordinator Dave Blake, the latest figures provided by the Ministry suggested the last "cell" available for waste disposal could reach its capacity by late October of this year.

Earlier this year, Blake asked for and received from Town Council approval to apply to the ministry for an expanded interim capacity approval. That paperwork has been sent to the ministry but no word has yet been received back.

Speaking to the Journal Argus at last Wednesday's information session, Blake said, "visually, at the site, it looks good. The cell looks like it's still about half empty." He added landfill operators are projecting that they'll be able to continue disposing of waste there for a long time without needing the expanded interim capacity.

R.J. Burnside's Technical Leader of Solid Waste Jamie Hollingsworth, who represented the consulting firm at the Aug. 26 meeting, offered a similar assurance that the Town has been diligent in ensuring it's allowed by the ministry to continue using the site through the completion of the EA process — which he predicted might not see the first load of waste being brought into an expanded facility until late in 2017 or early 2018.

At this point though, Hollingsworth conceded, it's still fairly early in the process. Last week's meeting outlined the Town's decision-making process for weighing the export option versus expanding the landfill. One of the benefits of keeping the waste disposal local, offered the following points: (Using a landfill site in town) "provides long term security; offers local employment and economic benefits; utilizes and improves existing infrastructure; and creates incentive to minimize disposal."

Feedback collected at last week's meeting or in the next few days in response to the information could, potentially, lead Council or the Operations Department to change their mind and opt for export. But assuming that doesn't happen, the next step is for R.J. Burnside and the Town to come up with a general plan for how exactly expansion will take place. Entailed in that plan will be assessments of what effects expansion could have on factors such as hydrogeology (water flowing through the underlying rock), biological life, noise, socio-economic, and culture (including archaeology). If effects are predicted, the Town will be required to show how those effects would be mitigated.

"If the ministry then says, 'yes, everything's perfect. You've identified the potential effects and how they can be mitigated; you can proceed,' then the Town moves to a specific design for the expansion. And that would then have to go back into the ministry for approval," Hollingsworth explained.

No formal presentation was made at last week's information session. Attendance was not overwhelming, but among those looking over the display boards was a neighbour of the landfill who resides in Perth South, and a representative of the nearby St. Marys Cement plant.



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Appendix E

Comments Received



**Future Solid Waste Disposal Needs Individual Environmental Assessment
(Project)**

Tracey L. General to: dblake, St.Marys.Waste.EA

08/10/2015 03:08 PM

Good Afternoon:

Please see attachment.



TOWN OF ST. MARYS OUR FILE NO.- 030-200-055 080715.pdf

Thank you!

Tracey L. General

Administrative Assistant

Haudenosaunee Development Institute

16 Sunrise Court, Suite 600

P.O. Box 714

Ohswegen, ON

N0A 1M0



Haudenosaunee Development Institute

August 7, 2015

VIA EMAIL

Dave Blake, C.E.T.
Environmental Co-ordinator
The Corporation of the Town of St. Marys
Email: dblake@town.stmarys.on.ca

James Hollingsworth
Technical Leader, Solid Waste
R.J. Burnside & Associates Limited
Email: St.Marys.Waste.EA@rjburnside.com

Dear Mr. Blake & Mr. Hollingsworth:

**Re: Town of St. Marys Future Solid Waste Disposal Needs Individual
Environmental Assessment (Project)
Our File No.: 030-200-055**

We wish to advise that the Haudenosaunee hold rights and interests in the area contemplated by your Project including treaty rights documented in the 1701 Treaty of Albany. We also wish to advise that the Project will have a significant impact and infringement upon those rights and interests.

We are hereby asking that The Town of St. Marys commence a meaningful engagement process in relation to the proposed Project.

The process currently initiated by The Town of St. Marys is not capable of upholding the honour of the Crown and in particular does not provide The Town of St. Marys with the opportunity to:

- make an assessment of the rights and interests of the Haudenosaunee;
- provide the Haudenosaunee with the opportunity to set out and clarify rights and interests such that the Province of Ontario can provide a complete and fulsome assessment of the rights and interests;
- frame the nature and scope of engagement obligations by way of reference to the assessment of Haudenosaunee rights and interests;
- provide the Province of Ontario the opportunity to consider justification obligations for infringements of treaty rights;
- provide the Province of Ontario with the opportunity to consider what if any fiduciary obligations are invoked by way of an infringement of Haudenosaunee treaty rights;

OUR LAND, OUR LAW, OUR PEOPLE, OUR FUTURE

- advise what if any procedural aspects of engagement can be delegated to The Town of St. Marys which itself is to be informed by the nature and scope of the engagement required;

We trust that Ministry of the Environment and Climate Change (MOECC) will withhold any approval of the Project until such time as the honour of the Crown and our treaty relationship is considered and fulfilled.

Further to our policy we have provided our application for engagement, and will be pleased to discuss this with you further.

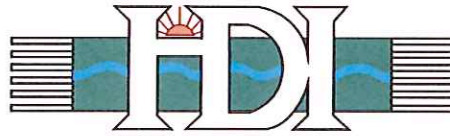
We look forward to hearing from you.

Yours truly,



Hazel E. Hill
Director

Attach. (1)



Haudenosaunee Development Institute

Our Land, Our Law, Our People, Our Future

APPLICATION FOR CONSIDERATION AND ENGAGEMENT FOR DEVELOPMENT

NOTE: *This application to be completed in quadruplicate.*

SECTION 1: APPLICANT INFORMATION

1.1 Name of applicant and full mailing address:

Tel: _____

Fax No.: _____

1.2 Name of Registered owner(s) of subject land(s) and mailing address:

1.3 Party who is to be contacted about the application (check one):

Applicant Agent, Planning Consultant Owner Surveyor

Name and address:

Tel: _____

Fax No.: _____

Email: _____

SECTION 2: LOCATION OF LANDS PROPOSED TO BE DEVELOPED

2.1 Municipal address:

2.2 Legal description (please attach survey):

2.3 Maps (please attach):

SECTION 3: PROPOSED AND CURRENT LAND USE

3.1 Current land use: (i.e. Agricultural, residential, commercial, industrial, other):

3.2 Proposed use of subject land:

3.3 Are there any buildings or structures on the lands proposed to be developed?
If yes, are these buildings to be retained, demolished or otherwise removed?

SECTION 4: ADDITIONAL INFORMATION FOR THE SITE

4.1 Current zoning: _____

SECTION 5: ARCHAEOLOGY

5.1 Have any archaeology studies been completed? If yes please attach.

5.2 If no archaeology studies have been undertaken to date are any archaeology studies planned? Please include any relevant details.

SECTION 6: LAND TITLE

6.1 Please provide details and a history of the title including any information on the initial Crown patent and how the Crown obtained such patent.

SECTION 7: TIME FRAME

7.1 Please set out the scheduling proposed for the project and any significant dates.

SECTION 8: OTHER PERMITS, LICENCES AND/OR APPROVALS

8.1 Please provide details with respect to any other permits, licences and/or approvals which the Applicant is seeking for the project from any municipal, provincial and/or federal authority.

SECTION 9: APPLICATION FEE

9.1 An application fee is enclosed in the amount of \$ _____ on the basis that the cost of the proposed project is:

- Less than \$300,000 (fee of \$3,000)
- Greater than \$300,000 but less than \$500,000 (fee of \$5,000)
- Greater than or equal to \$500,000 (fee of \$7,000)

SECTION 10: OTHER INFORMATION

10.1 The HDI reserves the right to request such other information as it deems necessary in its sole discretion to process this application.

SECTION 11: FORM OF APPLICATION

11.1 This form is provided for information purposes and requests the minimal information required to process an application. An applicant is free to amend the form as necessary and include such other information as necessary.

11.2 Application is to be provided to:

Haudenosaunee Development Institute
16 Sunrise Court, Suite 417
P.O. Box 714
Ohsweken, Ontario
N0A 1M0

SECTION 12: SIGNATURE OF APPLICANT

Name of Applicant:

Signature of Applicant:

Dated this _____ day of _____, 20____.



To: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>, "St.Marys.Waste.EA@rjburnside.com" <St.Marys.Waste.EA@rjburnside.com>, Miriam Klassen <mklassen@pdhu.on.ca>, Donna Taylor <dtaylor@pdhu.on.ca>, Dan Singleton <dsingleton@pdhu.on.ca>,
Cc:
Bcc:
Subject: Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre
From: Donna Taylor <dtaylor@pdhu.on.ca> - Wednesday 08/12/2015 11:36 AM

History: This message has been forwarded .

Hello Dave and James,

The Perth District Health Unit would like to be added to the Project Mailing List for this project .

Please send it to my email address or to my attention at the following address .

Thank you,

Donna

Donna Taylor
Director of Health Protection
Perth District Health Unit
653 West Gore St.
Stratford, Ontario
N5A 1L4
519 271 7600 ext 254
dtaylor@pdhu.on.ca

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**RE: Union Gas Contact Info: Future Solid Waste Disposal Needs Individual EA
- Town of St Marys**

Jamie Hollingsworth to: Jones, Nick

08/14/2015 09:10 AM

Cc: Dave Blake, Martina Paznar

Nick,

Thank you for your email.

The Town of St. Marys is undertaking an Individual Environmental Assessment (EA) to determine the best method of disposing of their residual solid waste stream (i.e., after blue box, yard waste composting and other diversion efforts). There are no detailed plans as yet. Those would occur after EA approval when the preferred method is selected. The additional details that you're looking for regarding current landfill site operations are available at the Town's web site:

<http://www.townofstmarys.com/living/living.aspx?id=9840>. In particular I would suggest you look at Figure 1.2 and Section 2 of the Terms of Reference.

Regarding the Union Gas infrastructure that you noted, I am not sure that the EA team was aware of your facilities or their locations. It would be very helpful if you could provide me with:

- A more detailed description of the facilities - i.e., what they are/do, above or below ground, sensitivities/concerns w.r.t. the Town's site operations, etc.
- An AutoCAD file, with geographic positioning information, of any facilities within approximately 1km of the St. Marys Landfill property (a radius of about 1500 metres from N 43.237103, W -81.154142 should be enough).

Take Care,
Jamie



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering, Ontario L1V 7G7

jamie.hollingsworth@rjburnside.com

tel: 289.545.1051

fax: 905.420.5247

www.rjburnside.com

"Jones, Nick"

Good afternoon, I've had a chance to review the...

08/13/2015 05:03:20 PM

From: "Jones, Nick" <NJones@uniongas.com>
To: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>
Cc: Dave Blake <dblake@town.stmarys.on.ca>, Martina Paznar <Martina.Paznar@rjburnside.com>
Date: 08/13/2015 05:03 PM
Subject: RE: Union Gas Contact Info: Future Solid Waste Disposal Needs Individual EA - Town of St Marys

Good afternoon,

I've had a chance to review the notice you provided. As you are aware, we have a station to the

southwest of the site in question and we also have main located on the east side of 123 County Rd. The information provided in the bulletin is fairly general – could you please provide detailed drawings of your proposed expansion? Will there be new access roads and new vehicle loads? What solid waste is currently being disposed at this location?

Thanks,

Nicholas Jones, P.Eng

London/Sarnia District Engineer
Union Gas Limited | A Spectra Energy Company
109 Commissioners Rd W | London ON N6A 4P1
Office: 519-667-4100 ext 5153034
Cell: 519-636-8541
njones@uniongas.com

From: Ahmed, Youmna
Sent: August-04-15 2:50 PM
To: Jamie Hollingsworth; Jones, Nick
Cc: Elbadri, Nadwa; Dave Blake; Martina Paznar
Subject: RE: Union Gas Contact Info: Future Solid Waste Disposal Needs Individual EA - Town of St Marys

My counterpart in the London District is Nick Jones (copied herein; NJones@uniongas.com London District Engineering). Please see address below.

109 COMMISSIONERS RD BOX 5353
London, On
N6A 4P1

Youmna Ahmed

Hamilton District Engineering EIT II
Tel: (289) 649-2060 | Cell: (905) 906-9311

From: Jamie Hollingsworth [<mailto:Jamie.Hollingsworth@rjburnside.com>]
Sent: August 4, 2015 2:47 PM
To: Ahmed, Youmna
Cc: Elbadri, Nadwa; Dave Blake; Martina Paznar
Subject: Re: Union Gas Contact Info: Future Solid Waste Disposal Needs Individual EA - Town of St Marys

Youmna,

Thank you for your email. As requested, the St. Marys EA Team will update our mailing list to direct future correspondence to Ms. Nadwa Elbadri (at the address you provided).

Your message indicated that you will pass the St. Marys EA information along to your colleagues in Union Gas' London district office. Would it be helpful for the St. Marys EA Team to contact your London colleagues directly in future? We can update our mailing list to add them. To do this, please send their contact details - full name, position, address, email address, phone number and anything else that is appropriate - to my attention.

Take Care,
Jamie



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering, Ontario L1V 7G7

jamie.hollingsworth@rjburnside.com

tel: 289.545.1051

fax: 905.420.5247

www.rjburnside.com

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Thank you.

From: "Ahmed, Youmna" <YAhmed@uniongas.com>
To: "st.marys.waste.EA@rjburnside.com" <st.marys.waste.EA@rjburnside.com>
Date: 08/04/2015 12:32 PM
Subject: FW: Union Gas Contact Info: Future Solid Waste Disposal Needs Invidual EA - Town of St Marys

FYI. Sent to wrong email.

Youmna Ahmed

Hamilton District Engineering EIT II

Tel: (289) 649-2060 | Cell: (905) 906-9311

From: Ahmed, Youmna
Sent: August 4, 2015 12:31 PM
To: 'dblake@town.stmarys.on.ca'; 'st.marys.wast.EA@rjburnside.com'
Cc: Elbadri, Nadwa

Subject: Union Gas Contact Info: Future Solid Waste Disposal Needs Invidual EA - Town of St Marys

Hello – Please note that Lindsay Robinson no longer functions as the Hamilton District Engineer. For all Hamilton/Halton/Haldimand related inquiries please forward to Nadwa Elbadri located in Stoney Creek (NElbadri@uniongas.com). Additionally, please note that since this project is taking place in the Town of St Mary's this actually impacts the London district. I will forward to my counterparts in that area.

Hamilton District Office Address

918 South Service Rd
Stoney Creek, ON
L8E 5M4

If possible, please cascade this to the appropriate people at RJ Burnside.

Thanks,

Youmna Ahmed

Hamilton District Engineering EIT II
Union Gas Limited | A Spectra Energy Company
918 S Service Rd | Stoney Creek, ON
Tel: (289) 649-2060 Cell: (905) 906-9311
Email: YAhmed@uniongas.com



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"Inspiring a Healthy Environment"

August 29, 2015

R.J. Burnside and Associates Limited
1465 Pickering Parkway, Suite #200
Pickering, Ontario
L1V 7G7

Attention: James Hollingsworth – (via e-mail: jamie.hollingsworth@rjburnside.com)

Dear Mr. Hollingsworth:

**Re: (Draft) Hydrogeological Work Plan
St. Marys Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Mary's
File No.: 300032339.0000**

We are in receipt of your letter (dated July 29, 2015) regarding the *Notice of Public Information Centre and Availability of Work Plans, Future Solid Waste Disposal Needs Individual Environmental Assessment, Town of St. Marys, Project No.: 300032339.0000*. We are further in receipt of the attached *(Draft) Hydrogeological Work Plan: St. Marys Future Solid Waste Disposal Needs Environmental Assessment, Town of St. Marys, dated July 2015, prepared by R.J. Burnside & Associates Limited*. We offer the following comments under Ontario Regulation 157/06 and our responsibilities as a commenting agency providing technical review and advisement related to natural heritage, water resources and natural hazard management pursuant to relevant legislation and policies set out in the UTRCA Planning Policy Manual (June 28, 2006):

- We are of the understanding that the Terms of Reference were approved by the Minister of Environment and Climate Change on December 29, 2014 and hence the purpose of the hydrogeological study is to explore expansion of the existing landfill. The proposed work plan looks complete. However, we note Section 4.1 of the report did not include the extensive regional work completed by the Thames Sydenham and Region Source Protection region in the area for the St. Marys area. There has been considerable investigation done in St. Marys on vulnerability and water budget. There were MODFLOW models completed, and detailed mapping. Some of this information may not yet be available on our website, however we can arrange to provide this information if the project moves forward and the hydrogeological assessment is completed.

Our office would like to be included in future circulations regarding this project (please address all future project correspondence to the undersigned). We would appreciate receiving

information and reports as they become available in order to ensure that we can meet the project deadlines with our comments.

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

Yours truly,
UPPER THAMES RIVER CONSERVATION AUTHORITY



Karen M. Winfield
Land Use Regulations Officer
LN/KW/kw

c.c. – Project E-mail – (St.Marys.Waste.EA@RJBurnside.com)
Wesley Wright, Ministry of the Environment – (via e-mail: wesley.wright@ontario.ca)
Dave Blake, Town of St. Marys – (via e-mail: dblake@town.stmarys.on.ca)



Re: St. Marys Future Solid Waste Disposal Needs Archaeological and CH Work Plan - MTCS Comments 📎

Jamie Hollingsworth to: Minkin, Dan (MTCS)

09/08/2015 12:15 PM

Cc: "dblake@town.stmarys.on.ca", AVeilleux, PRitchie, Tricia Radburn

Dan;

Thank you for your comments on the draft *Archaeological and Cultural Heritage Work Plan*. By copy on this email I am forwarding your letter to our sub consultant - ASI and their subject mater specialists; Paul David Ritchie (416.966.1069 x 222) regarding archaeology and Annie Veilleux (416.847.0215 x 25) for cultural heritage matters.

Per your letter, the EA Team does not expect the Stage 1 results to trigger any further efforts. However, further efforts will be carried out as part of the Environmental Assessment process if they are necessary.

FYI, the EA Team does not intend to issue a revised draft work plan. Instead, your comments - and any others that we receive [none to date] - will be considered while planning and carrying out the work. Our reporting will include a discussion of how the comments were addressed. We are also documenting the comments, our response and any follow-on as part of the EA's Record of Consultation (i.e., this email chain will be part of the Record).

As requested, the EA Team will continue to consult with and inform the Ministry of Tourism, Culture and Sport of our project progress. Someone from our team may contact you for background information as our work plan is beginning in the next few days and weeks. Similarly, please feel free to contact me/Burnside if I can be of any service, particularly with respect to the overall EA program. It may be better (or at least quicker) to contact ASI's subject mater specialists directly if your question(s) relate to their speciality fields.

Take Care,
Jamie



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering, Ontario L1V 7G7
jamie.hollingsworth@rjburnside.com
tel: 289.545.1051
fax: 905.420.5247
www.rjburnside.com

"Minkin, Dan (MTCS)"

Please see attached. Dan Minkin

09/04/2015 03:00:28 PM

From: "Minkin, Dan (MTCS)" <Dan.Minkin@ontario.ca>
To: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>
Date: 09/04/2015 03:00 PM
Subject: St. Marys Future Solid Waste Disposal Needs Archaeological and CH Work Plan - MTCS Comments

Please see attached.

Dan Minkin

Heritage Planner

Ministry of Tourism, Culture and Sport

Culture Division | Programs and Services Branch | Culture Services Unit

401 Bay Street, Suite 1700

Toronto, Ontario M7A 0A7

Tel. 416.314.7147 | Fax. 416.314.7175

[attachment "2015-09-04 - Archaeological and Cultural Heritage Work Plan - MTCS Comments.pdf"
deleted by Jamie Hollingsworth/RJB]

**Ministry of Tourism,
Culture and Sport**

Culture Services Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 7147
Fax: 416 212 1802

**Ministère du Tourisme,
de la Culture et du Sport**

Unité des services culturels
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél: 416 314 7147
Télé: 416 212 1802



September 4, 2015 (EMAIL ONLY)

Dave Blake, C.E.T.
Town of St. Marys
408 James Street South
PO Box 998
St. Marys, ON N4X 1B6
E: dblake@town.stmarys.on.ca

RE: MTCS file #: 31EA016
Proponent: Town of St. Marys
Subject: Archaeological & Cultural Heritage Work Plan
St. Marys Future Solid Waste Disposal Needs Environmental
Assessment
Location: Town of St. Marys, Ontario

Dear Mr. Blake:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Archaeological & Cultural Heritage Work Plan for your project. We have reviewed the document and offer the following comments.

The planned course of action for the Archaeological Assessment describes only a Stage 1 assessment as a deliverable. While we appreciate that the Town of St. Marys does not expect the Stage 1 results to trigger a Stage 2, and that the potential for a Stage 2 is outside the scope of this work plan, we do wish to restate that if further stages of archaeological assessment turn out to be necessary, they should be carried out as part of the Environmental Assessment process. Accordingly, the work plan should make provision for the possibility of being amended to include Stages 2 and 3 of the archaeological assessment process if triggered.

Ontario Regulation 9/06 provides criteria for determining cultural heritage value or interest, which form an appropriate rubric for identifying undesignated Built Heritage Resources and Cultural Heritage Landscapes as part of the cultural heritage resource assessment work for an Environmental Assessment study. The assessment should include resources identified based on O. Reg. 9/06 criteria, even if they have not been subject to municipal designation or other forms of recognition. The work plan should note how O. Reg. 9/06 will be applied to identify Built Heritage Resources and Cultural Heritage Landscapes.

Thank you for consulting MTCS on this project: please continue to do so through the EA process, and contact me for any questions or clarification.

Sincerely,

Dan Minkin
Heritage Planner
Dan.Minkin@Ontario.ca

Copied to: James Hollingsworth



RE: Town of St. Marys Draft Work Plans 
Jamie Hollingsworth to: Edwards, Susanne (MOECC)
Cc: "Dave Blake"

10/09/2015 11:26 AM

Sue;

I have passed your comments memo along to the subject area leads for review. I will be in touch if there are any questions.

Have a Happy Thanksgiving.

Take Care,
Jamie



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering, Ontario L1V 7G7
jamie.hollingsworth@rjburnside.com
tel: 289.545.1051
fax: 905.420.5247
www.rjburnside.com

"Edwards, Susanne (MOECC)" Hello Jamie, Please find attached t... 10/09/2015 10:24:21 AM

From: "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>
To: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>
Cc: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>
Date: 10/09/2015 10:24 AM
Subject: RE: Town of St. Marys Draft Work Plans

Hello Jamie,

Please find attached the comments from the MOECC regarding the Town of St. Marys Draft Work Plans.

Please feel free to contact me if you have any questions.

Thanks,
Sue

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: August-20-15 3:15 PM
To: Edwards, Susanne (MOECC)
Cc: dblake@town.stmarys.on.ca; Tricia Radburn; Martina Paznar; Joy Rutherford; Harvey Watson
Subject: Re: Town of St. Marys Draft Work Plans

Sue;

Thank you for your email and taking my call this afternoon. I appreciate the time you spent with me.

As I mentioned on the phone (and noted in the letter you attached), St. Marys and Burnside have planned the first Public Information Centre (PIC #1) for Wednesday, August 26, 2015 between 5 and 7pm. We are hoping to collect and finalise comments within about two weeks following the PIC. The primary goal is to determine if anyone has concerns with the evaluation of the Export versus Expansion alternatives, and the (current) decision to proceed with a landfill expansion. Assuming the PIC does not lead to a reassessment, then we would begin efforts related to the draft work plans. For the most part the initial work plan efforts (all subject areas) will begin two to four weeks following the PIC. They will focus on background data collection and review, though some field work efforts might also begin.

Specific to your question about the Air and Hydrogeology work plans:

- I spoke to our hydrogeologist, Joy Rutherford, and she noted that her field work is unlikely to start until roughly two months after the PIC. It can often take two months from the time a (monitoring well) driller is arranged until they are available to come to the site, and it sometimes takes longer.
- Burnside's Air, Noise & Vibration specialist, Harvey Watson was not available to speak to me today. I note however that his work is desktop based, so the exact timing to start is not as critical. Harvey and his team will need details of the Alternative Methods for landfill expansion in order to prepare his models and undertake his assessment. As with the other draft work plans, he will likely start collection and review of background documents about two weeks after the PIC.

So, all of this is to say that it would be great to get the Ministry's review comments as soon as possible. We anticipate however that receiving comments on the draft work plans before the end of October 2015 would still allow for their consideration and incorporation into field work and the assessment efforts.

If my colleagues at Burnside or I can be of any assistance, please do not hesitate to contact me.

Take Care,
Jamie



James R. Hollingsworth, P.Eng.
Technical Leader, Solid Waste

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Suite 200
Pickering, Ontario L1V 7G7

jamie.hollingsworth@rjburnside.com

tel: 289.545.1051

fax: 905.420.5247

www.rjburnside.com

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Thank you.

From: "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>
To: "st.marys.waste.ea@rjburnside.com" <st.marys.waste.ea@rjburnside.com>
Cc: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>
Date: 08/20/2015 12:43 PM
Subject: Town of St. Marys Draft Work Plans

Hello James,

I just wanted to let you know that I will be the project officer assigned to this project . If you have any questions please feel free to contact me (my contact information is listed below).

I received a copy of the attached letter from our Regional office and wondered if you have a deadline for our comments in relation to the air and noise and hydrogeological work plans ?

Thanks,
Sue

Sue Edwards | Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-1181 | Fax: 416-314-8452 | Email: susanne.edwards@ontario.ca

[attachment "July 29, 2015 Notice of PIC and draft work plans provided.pdf" deleted by Jamie Hollingsworth/RJB]
[attachment "Comments for Proponent from MOECC.pdf" deleted by Jamie Hollingsworth/RJB]

**Ministry of the Environment
and Climate Change**

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



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October 9, 2015

MEMORANDUM

TO: James Hollingsworth, P. Eng
Technical Leader, Solid Waste
R.J. Burnside & Associates Limited

FROM: Sue Edwards
Project Officer
Environmental Approvals Branch

RE: Review of Applicable Work Plans for the St. Marys Future Solid Waste
Disposal Needs Environmental Assessment
EAIMS FILE NO. 09212

On July 30, 2015, the City of St. Marys submitted draft Work Plans for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment for review by the Ministry of the Environment and Climate Change (MOECC).

The MOECC reviewed the following draft Work Plans:

- Air Quality, Noise and Vibration Work Plan;
- Socio-Economic Work Plan;
- Hydrogeological Work Plan; and
- Ecological Work Plan (in relation to surface water aspects).

Environmental Assessment Services Section (EASS) has reviewed the Work Plans in relation to the commitments outlined in the Proposed Terms of Reference as approved by the MOECC on December 29, 2014.

Members of the MOECC review team have provided comments on the draft Work Plans to the EASS project officer. These comments have been prepared for the purpose of assisting the proponent with the Work Plans. No response is required from the

proponent, although it is recommended that the comments below be implemented or considered, as appropriate, within the final Work Plans and/ or the final EA submission.

Air Quality, Noise and Vibration Work Plan

Air Quality

1. Section 2.3 suggests that they will limit the study area to a 1 kilometre radius of the On-site Study Area. However the normal radius for such studies, as described in O. Reg. 419/05 is somewhat larger.
2. Section 2.4 suggests that at the end of this expansion they will close the landfill but use of either of the first two expansion options leave the other still available for further work when the landfill reaches its capacity. This should be acknowledged.
3. Section 2.5 says that a part of the work plan will focus on current air quality. This should include on-site monitoring. As well, a list of the “dust management practices” must be presented.
4. The list of factors influencing air quality includes the number of vehicles visiting the site, but not the vehicle type or weight. They do not mention whether they will be looking at the effect of track out or vehicle emissions on air quality. These should be included.
5. Further, in this section, the proponent notes that they will be modelling landfill gas. The list should include all the species recommended by the ministry, at a minimum. A list of target compounds should be included in the final version of this document. However, any final work should include landfill monitoring as an ongoing part of operation of the site. Therefore, a monitoring plan should be included.
6. Section 3.0 should contrast both possible scenarios with current conditions.

Noise

7. The Air Quality, Noise and Vibration Work Plan does not address any specific impacts due to noise.

A formal review should be conducted by the MOECC once the noise study report is submitted in support of the upcoming individual Environmental Assessment.

Socio-Economic Work Plan

1. Section 3.3.2 – use of the words “impact” and “effect”: It appears that these words are being used interchangeably but it is confusing. The consultant should be consistent in its terminology.

2. Section 3.3.1 – “The advantages and disadvantages of the various alternatives, described in Section 2.2 will be determined based on their potential impact on socio-economic features and characteristics in the Study Area and Study Area Vicinity.”

The consultant should clarify whether the “socio-economic features and characteristics” they are referring to in this sentence are the same things as the “Socio-economic environment components” in Table 4. If so, the consultant should be consistent in its terminology.

3. Under Section 3.0, it states that the study will be carried out in three steps:

Step 1) review and compile background information from existing data sources;
Step 2) assess the advantages and disadvantages of each alternative;
Step 3) identify the potential impacts and mitigation for the preferred alternative.

However, this conflicts with Section 3.3 of the report, which states that Step 3 is to evaluate alternatives and assess potential impacts, and further Section 3.3.1 is the evaluation of alternative methods for landfill expansion. Based on the steps outlined in Section 3.0, Section 3.3.1 should actually be a part of Step 2 and not Step 3.

Option 1: Move Section 3.3.1 to Section 3.2. Rename Section 3.3 to “Step 3: Identify Potential Impacts and Mitigation for the Preferred Alternative.” Note that the word “Impacts” might become the word “Effects” based on my comment above.

Option 2: Leave all sections where they are, but under Section 3.0, edit Step 3 wording to “Evaluate Alternative Methods and Identify Potential Impacts and Mitigation for the Preferred Alternative.” Note that the word “Impacts” might become the word “Effects” based on my comment above.

4. While section 3.3.1 states the an overall preferred alternative (method) will be determined based on a review of the advantages and disadvantages of a broader set of criteria, there is no description of the method of evaluation that will be employed as part of the review. Is this a qualitative review based on professional judgment or a quantitative review with weighting and scoring? If quantitative, what is the weighting and scoring? Is certain criteria weighted more heavily than others? Is it a combination of both quantitative and qualitative? Is it based on what alternative method has the most advantages over the others in all categories? etc. This is not described in the draft work plans or in the TOR.

The consultant should provide more details about the review of advantages/ disadvantages and clarify the overall evaluation method. This is important for stakeholders in understanding how the preferred alternative method will be determined. **Note that this information should be included in all the work plans.**

5. Section 5.4.7 of the TOR states that alternative methods will be compared based on criteria associated with potential impacts to environmental components. The socio-economic environment component includes: Transportation routes, land use, employment characteristics, economic conditions, and aesthetics/enjoyment of life. These criteria are further described in Table 5.4 of the TOR.

The draft work plan is missing many of these socio-economic criteria identified in Table 5.4 of the TOR. Based on the criteria outlined in the TOR, other socio-economic components and measures that should be assessed include the following:

Socio-economic Environment Component	Indicator/Measure	Potential Data Source (from table 5.4 of TOR)	Other notes for reference	Reference
Residential Property	Potential to disrupt residences along travel corridors due to traffic-related conflicts	Town, MTO	“Traffic related conflicts” referred to here, as well as for the agricultural properties and aggregate resources components in Table 4 of the draft work plan, should include an assessment of disruption due to both local traffic rerouting and regional changes to traffic flow	Transportation in Table 5.4 of TOR
Agricultural Properties	Potential for loss of productive farmlands due to changes in land use through site development or off site impacts	OMAFRA, Town, Ontario Federation of Agriculture, Ontario Farm Fresh		Land Use Agriculture in Table 5.4 of TOR

Financial Impact to Town	Short, medium and long term financial costs to the Town using present value assessment	Town, Ratepayers groups	Includes capital, operating and long term viability costs	Socio-economic Financial in Table 5.4 of TOR
Economic Conditions	Potential for changes to revenues, costs (including waste disposal costs), and tax rates to local businesses	Business owners, ratepayer groups, municipal agencies (BBA, Rotary?)		Socio-economic Economic in Table 5.4 of TOR
Land Use Planning Controls	Potential to reduce the availability of lands for other purposes	Review of official plan, Zoning information, MOECC, MNRF, CA		Land Use General in Table 5.4 of TOR

Other Changes:

- a. The following Indicator/Measure for the Land Use Planning Control component in Table 4 of the draft work plan which reads “Compatibility of the landfill site with the Town’s Official Plan and MOE’s Land Use Planning Guideline D-4” should be replaced with “Compatibility of the landfill site **and any required peripheral areas (such as the Contaminant Attenuation Zone)** with the Town’s Official Plan and MOECC’s Land Use Planning Guideline D-4” (Reference: April 13, 2010 memorandum between Antonia Capotorto and Trevor Robak found in Appendix E.4 of the TOR Record of Consultation).
6. Lastly, it appears that the methodology related to assessing alternative methods for carrying out the undertaking that is proposed in the TOR (section 5.5) and the methodology proposed in the draft work plan are slightly different, as per the following:
- a. In the draft work plan it states that each alternative method will be assessed based on its advantages and disadvantages for various components of the socio-economic environment. An overall preferred alternative (method) will be determined based on a review of the advantages and disadvantages of a broader set of criteria including factors associated with the natural, cultural, social, economic and built environments. Once the preferred alternative (method) is selected, a comprehensive list of potential impacts and proposed mitigation specific to that alternative will be described.
 - b. In the TOR (Section 5.5), it states that alternative methods will be assessed by identifying potential effects on each of the environmental components, proposing mitigation measures to minimize effects and then

subjecting each alternative and its residual and cumulative impacts to a qualitative comparison based on a variety of criteria and indicators. It goes on to say that the evaluation of alternative methods will consider the potential effects of each alternative on the various components of the environment, taking into consideration the mitigation efforts that can be made to reduce or eliminate these impacts and the residual impacts that cannot be mitigated. The preferred alternative (method) will be then be selected based on stakeholder comments as well as professional judgement on which alternative (method) is most likely to result in the least number of post-mitigation impacts...At the conclusion of the assessment a preferred method will be identified.

The difference appears to be that in the draft work plan, each method will be assessed by identifying its advantages and disadvantages based on a set of criteria and then effects/impacts and mitigation measures will be analyzed for *ONLY* the preferred method whereas in the TOR it suggests that *EACH* alternative method would be subject to an analysis of effects/impacts and mitigation measures (there is no mention of an assessment based on advantages/disadvantages).

In Section 10.0 of the TOR, it does state that there is flexibility in the details of the activities that will occur when preparing the EA, which include changes in the methodology of the studies referred to in Section 5. It also states that the commitments described in the TOR are a minimum that must be met although more effort may be required.

The MOECC is unsure whether the change in methodology is intentional or not.

Hydrogeological and Ecological (in relation to surface water) Work Plans

Source Water Protection

1. The proposed landfill expansion is located in a vulnerable area called a Significant Groundwater Recharge Area. The proposed landfill expansion would be a moderate water quality threat and would not create a significant or moderate water quantity threat. The applicable source protection plan is the Thames-Sydenham and Region Source Protection Plan, and the policies that apply to the Ministry's decisions on instruments for moderate and low threats are listed in List D of Appendix A-3. This includes policy 3.03 that requires that the Ministry have regard to considering the inclusion of terms and conditions in its instruments that would manage the risk the activity poses to sources of drinking water.

Generally, modern landfills are already designed to manage risks the activity may pose to the quality of groundwater by preventing contamination through various methods, including a clay lining for the landfill to prevent infiltration of waste into groundwater, and the collection of rainwater to prevent waste or contaminated rainwater from being washed offsite. Because of this design, the landfill may be

reducing the amount of water that would naturally recharge local aquifers and the EA should consider this. However, as stated above, the project is not located in an area where it would be a threat to quantity of drinking water sources.

Groundwater

2. The EA will consider several options for managing waste disposal. One option is to expand the existing St. Marys Landfill. The Work Plan outlines additional geoscience study that would be conducted if, and only if, landfill expansion is selected as the preferred option. The report identifies that this decision has not yet been made.

This approach is somewhat concerning to me. It suggests that expansion may be selected before it is even known whether the site is suitable for continued/expanded landfilling.

I recognize that level of study outlined in the Work Plan represents a significant investment. It may not be practicable to conduct studies of this magnitude unless there is a high likelihood that the site will be developed. However, it must be recognized by all parties that the geoscience/engineering studies may conclude that the expansion of landfilling at this site may not be feasible or desirable.

Would it be appropriate to conduct some geoscience/engineering work first? If a decision is made to use the existing site, should there not be a reasonable degree of confidence that it could be used for this purpose without impacting ground water resources? I acknowledge that this is an issue related more to EA process than to hydrogeology and thus I will defer to those involved in this component.

3. In my review of the 2014 Monitoring Report I identified several deficiencies with the current monitoring program. I indicated that an improved conceptual site model understanding would be necessary if the site is to be expanded. Among other items, this would include a better understanding of a) ground water flow in other areas of the property, b) the interactions with on-site surface water features, and c) the potential for off-site migration of leachate-impacted ground water.

Section 4.0 of the report identifies a number of ground water-related issues that the study would address. The list includes my primary concerns listed above, as well as a number of others. I consider the list to be quite thorough, and have no items to add to the list at this time. Ultimately, the site owner needs to show that waste can be disposed without causing unacceptable impacts in ground water leaving the property. Other investigations may be necessary as new information is discovered.

4. The Work Plan includes steps to enable to the site owner to better understand the issues discussed above. For the most part, it does not include specific locations or depths for monitoring instrumentation. This is acceptable at this

stage as the final locations should be carefully selected following a review of the existing information, and be influenced by the location that is ultimately proposed for waste disposal. It should be understood that additional investigation may be needed depending on the results of the first set of studies.

5. A creek flows just to the east of the existing St. Marys Landfill, exiting at the northern tip of the property before draining to the Thames River, about 300 m to the west. Depending on the outcome of the additional geoscience study it is possible that this creek may be identified to be a discharge boundary. In other words, it may collect groundwater from the site and in turn transport some contaminants off-site. If this is deemed to be the case, additional technical/ecological assessment of the creek may be necessary.
6. One option under consideration is the vertical expansion of the landfill. Studies should assess whether this may result in a change to the existing ground water flow pattern.
7. If it can be shown that an expanded landfill will not result in leachate impacts leaving the property, then there should be little risk to any of the private drinking water wells located nearby. Nevertheless, given their reasonably close proximity, these wells need to be included as specific receptors to be considered during the EA. The Work Plan should provide an update of the locations and usage of private wells in the vicinity and should specifically address the risk that an expanded landfill may pose. I am not in any way suggesting that an expanded landfill would pose a risk, but this should be specifically considered during the EA studies.
8. Operation of the current landfill site relies upon the leachate collection systems to prevent significant off-site movement of leachate-impacted ground water. Though the leachate collection systems are not hydrogeological feature, their influence should be considered and integrated in any geoscience studies.

Surface water

9. For Surface Water concerns, I have reviewed both the Draft Hydrogeological Work Plan (July 2015), and the Draft Ecological Work Plan (April 2015) for the Town of St. Mary's Future Solid Waste Disposal Needs Environmental Assessment. Both of these documents were prepared by RJ Burnside & Associates Limited for the Town of St. Mary's.

I note that the MOECC approved a Terms of Reference (TOR) for this Individual Environmental Assessment (EA) on December 24, 2014 which laid out a strategy for completing the EA and also included a summary of pre-planning work which had been done to eliminate a number of *Alternatives to the Undertaking* which included the option of constructing a new landfill site at a new location in the Town. With these other Alternatives removed from the decision making process,

this leaves only two options which are still being evaluated: 1) transporting waste to a landfill in another jurisdiction or 2) expanding the current landfill site.

I understand that if the decision is made to expand the current landfill, the two work plans listed (Hydrogeological and Ecological) will be enacted. I have therefore reviewed these plans and will offer comments regarding any Surface Water related concerns on site and in the study area vicinity (1 km radius around the site).

For the Hydrogeological Work Plan:

10. Under Section 3.0- "Current Landfill Monitoring" I note in Section 3.1 that the proponent is currently undertaking water samples and water levels at specific surface water stations in the stormwater ponds and the existing watercourse. Section 3.1 further lists the monitoring station names/locations and the parameters that are sampled. However, Section 3.2 "Monitoring Results" doesn't identify any issues with the current Surface Water monitoring program.
11. NOTE: Section 9(1) of O. Reg 232/98 "Landfilling Sites" that *"A person shall not establish a new landfilling site or increase the total waste disposal volume of an existing landfilling site unless a written report on the surface water conditions of the site and surface water protection for the site has been prepared in accordance with this section. O. Reg. 232/98, s. 9 (1)* Guidance for this issue is given in the MOECC Landfill Standards Guideline: "Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Sites". Specifically Section 4.4.2 Approval Guidelines states that *"The objectives of the surface water assessment are to: define existing surface water conditions on and in the vicinity of the site; determine the potential effects of surface water coming onto the site; determine the potential effects of runoff discharging from the site; and establish a surface water monitoring network."*

With the above in mind, in my review of the 2012 Annual Monitoring Report, I noted that the stormwater pond (Pond B) appeared to be accepting groundwater from Manhole B which is apparently a groundwater interceptor underdrain located under the Phase II/Phase III active landfill. At the time, I observed what appeared to be elevated groundwater/leachate related water chemistry variables being detected at SP1B-94 (Pond B Inlet). Further, I conducted a site reconnaissance at this location in November of 2014 and verified through observations and water chemistry samples that that Manhole B was in fact discharging to a drainage swale which was flowing into Pond B.

At this time, I would recommend that the EA include further monitoring and potential mitigation of this groundwater flow into Pond B as this pond is designed as a stormwater system and should not be accepting potentially leachate impacted groundwater.

Note: I will review the most recent AMR for the landfill to see if this discharge has been addressed or appears to be ongoing.

12. Section 4.0 “Study Methodology” (page 8) states that “a horizontal expansion may also make it necessary to realign the existing watercourse”. I agree with the statement made that the study should collect data to evaluate 1) the influence of the watercourse on shallow groundwater movement; 2) the potential for landfill contaminants to reach the realigned watercourse; and 3) modifications required to the current monitoring program. Expanding on this point, I agree with the author’s recommendations on page 11, under “Surface Water Flow Data” that “a detailed assessment of the watercourse is being completed as a decision to expand the landfill horizontally could entail altering or re-aligning the watercourse”. Upon further review, it appears that the specifics to this detailed assessment are found in the Ecological Work Plan so I will defer my specific comments until later in this review.
13. Finally, I agree with the author when they state under section 4.4.2 “Impacts and Mitigation” that “recommendations will also be made for additional instrumentation and data collection should they be required for the preferred alternative design or for development of the mitigation measures”. I believe that this type of iterative approach will allow for the greatest amount of risk reduction with respect to impacts to the environment as well as allow for a more cost effective means of assessing the site.

For the Ecological Work Plan:

14. Section 3.0 “Preliminary Observations” identify that the Surface water resources located on the existing landfill site are comprised of four small ponded areas that collect stormwater and a watercourse through the site. It further identifies that the reach running through the landfill property was altered and potentially realigned by St Mary’s cement during their operations on the site.
15. I agree with the statement made in Section 4.4 – “Step 4- Confirm Significance of Candidate Features” which states that Fish Habitat should be studied in both the Thames River and in the Watercourse on the landfill property.
16. Further to the preceding point, I agree with the author’s comments on page 9 which state: “Additional features or species may be identified during Steps 1 and 2. Additional studies will be added as required. In addition, some studies may be eliminated if suitable conditions are not found. Any significant features or species observed incidentally will be brought forward to Step 5 for assessment.” As above, I think that this type of approach will allow for flexibility to add/amend proposed studies to ensure the greatest amount of information is collected while not being locked into a single plan.
17. On page 9, it appears that a detailed assessment of the watercourse will be completed when it states “it appears as though it may be necessary to alter or re-

align the watercourse if the landfill is expanded. Because this is a possibility, a detailed assessment of the watercourse will be completed.” On page 10 it states that Burnside has completed a preliminary assessment of fish habitat within the watercourse crossing the landfill property and observations collected included fish observations and habitat features. It then states that further assessment of fish and fish habitat will occur throughout the EA process.

I would request that if feasible, benthic bio-monitoring be added to the assessment as is required in Section 24 of O. Reg 232/98 and the MOECC Landfill Standards Guideline: “Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Sites”.

To be clear, Section 24 of the regulation states “*The owner and the operator of a landfilling site shall ensure that a program is carried out for monitoring the quality and quantity of the surface water features on the site and of the surface water features that receive a direct discharge from the site*”. (O. Reg. 232/98, s. 24). Further, Section 6.7.2 of the Landfill Standards Guideline expands on this point in “Table 18- Surface Water Monitoring, Task B: “*Where appropriate based on the surface water assessment, monitoring to assess the composition and any changes to the benthic community present in any surface water features receiving a discharge from the site*”. If the proponent does not feel that this is appropriate for this site then justification for why this work will not be included should be given.

18. Finally Section 4.5.2 “Impacts and Mitigation” state that there are potential direct impacts that may occur from the re-alignment or alteration to the on-site watercourse, and that indirect impacts may occur as seen through changes to surface water/groundwater quality. Once the assessment is completed on potential impacts, I agree with the process outlined that a list of mitigation measures will be provided to eliminate or minimize potential effects and that any net effects will be documented. The author correctly states that the Thames River is an important feature on the landscape and that work will be completed to identify and mitigate any potential impacts to the river or the aquatic habitat it provides to many rare fish, mussel and turtle species, and further that other features will be identified and assessed through the detailed fieldwork proposed in the two reports.
19. Overall, other than the few items identified above, from a Surface Water perspective, I feel that these work plans are complete and should identify and mitigate any potential impacts that may arise from an expansion of the current landfill.

The Region will continue to work with the proponent through the EA process and reserves the right to add/amend the plans as new information is gained through the collection of data.

Should you have any questions or require further information, please feel free to contact me.



Sue Edwards

c. Dave Blake, C.E.T., Town of St. Marys (by e-mail only)