Record of Consultation

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

December 2020 (Revised July 2021)
300032339.0000

Record of Revisions

Revision	Date	Description
0	May 2017	Draft Submission for review by Town of St. Marys
1	January 2020	Draft Submission to MECP
2	December 9, 2020	Revised Draft Submission to MECP
3	July 2021	Final Report Included with Environmental Assessment Report Submission

Avid Banihashemi R.J. Burnside & Associates Limited

Report Prepared By:

Avid Banihashemi
Environmental Project Manger
AB/JRH:js/bs

Report Reviewed By:

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

Executive Summary

The Town of St. Marys (Town) undertook an Individual Environmental Assessment (EA) to determine how household solid waste should be managed over the next 40 years.

The Town completed a consultation program during the preparation of this EA. The program consisted of:

- Publication of the Notice of Acceptance of the Terms of Reference and Commencement of the EA. Public notification occurred via emails and posted letters sent to contact persons from previously listed agencies, utilities, Indigenous communities, landowners and other interested parties. Notice was posted on the Towns' website and Newspaper. Advertising of the Notice was published in The St. Marys Independent and The St. Marys Journal Argus.
- Invitations to attend a Site Visit were sent to several Indigenous communities which had previously indicated an interest in the project during the TOR stage. These communities were emailed invitations to observe fieldwork being conducted as part of the EA study. Follow-up telephone calls and emails were initiated by the Study Team.
- An Assessment of the Export vs Expansion Alternatives was conducted. Notice of Public Information Centre (PIC #1) was issued to Stakeholders including Notice of the availability of the Draft Work Plans for studies required to expansion of the landfill. Review agencies and Indigenous communities were provided with printed copies (and/or DVD) of relevant reports containing all of the draft Work Plans. Notification was published in two consecutive editions of The St. Marys Journal Argus and The St. Marys Independent (newspapers) as well as the publication of Municipal Alert emails sent directly from the Town to individuals who requested notification of events via the Towns' website. The PIC #1 was held at the Town's Municipal Operations Centre on August 26, 2015.
- A second Public Information Centre (PIC #2), was held at the Town's Municipal Operations Centre, on June 23, 2016. Notification was published in two consecutive editions of The St. Marys Journal Argus and The St. Marys Independent, as well as the publication of Municipal Alert emails. All stakeholders were notified of the PIC event. The Notice included electronic or download access instructions for the draft Subject Area reports. The Ministry of Environment and Climate Change (MOECC) Project Officer, Wesley Wright, arranged for distribution of the Subject Area reports to MOECC reviewers.

Notices and documents were distributed by regular mail, email and/or fax to government agencies, including, but not limited to, the following:

- Canadian Environmental Protection Agency;
- Environment Canada (EC);
- Health Canada;
- Canadian Transportation Agency;
- Transport Canada;
- Department of Fisheries and Oceans Canada (DFO);
- Indigenous and Northern Affairs Canada (INAC);
- Ministry of Natural Resources and Forestry (MNRF);
- Ministry of the Environment and Climate Change (MOECC);
- Ministry of Agriculture, Food and Rural Affairs (OMAFRA);
- Ministry of Tourism, Culture and Sport (MTCS);
- Ministry of Municipal Affairs and Housing (MMAH);
- Ministry of Infrastructure (MOI);
- Ministry of Transportation (MTO);
- Ministry of Indigenous Affairs;
- Ontario Power Generation (OPG);
- Infrastructure Ontario (IO); and
- Upper Thames River Conservation Authority (UTRCA).

Notices and documents were distributed by regular mail, email and/or fax to Indigenous communities, including, but not limited to, the following:

- Association of Iroquois and Allied Indians;
- Métis Nation of Ontario (MNO);
- Caldwell First Nation;
- Walpole Island First Nation;
- Chippewas of Kettle and Stony Point First Nation;
- Oneida Nation of the Thames First Nation;
- Chippewas of the Thames First Nation;
- Munsee Delaware First Nation;
- Six Nations of the Grand River Territory;
- Haudenosaunee Development Institute;
- Mississaugas of New Credit First Nation;
- Moravian of the Thames Delaware Nation;
- Chippewas of Sarnia 45 First Nation (Aamjiwnaang First Nation); and
- Windsor Essex Métis Community Council.

Notices and documents were distributed by regular mail, email and/or fax to interested Utilities and Interested stakeholders, including, but not limited to, the following:

- Hydro One Networks Inc.;

- Festival Hydro;
- Enbridge Gas Distribution Inc.;
- TransCanada Pipeline;
- Trans-Northern Pipeline Inc.;
- Rogers Communications;
- Bell Canada;
- Blink Communications Inc.;
- Telus;
- Zayo (formerly Allstream);
- Union Gas;
- Canadian Pacific Railway;
- Perth District Health Unit; and
- St. Marys Cement (SMC).

Consultation with potentially affected and other interested parties is a key component of the EA process (MOE, 2008). A plan for consultation during the preparation of the EA was provided in the approved TOR and completed in accordance with Section 4.3.1 of the "Code of Practice - Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario" (MOE, October 2009).

In accordance with Section 4.3.7 of the "Code of Practice - Preparing and Reviewing Environmental Assessments in Ontario" (MOE, November 2008) the Record of Consultation includes information about the consultation process and consultation activities that took place including methods, schedule of events, notification that was given about the activities and the materials used. All communications are documented and included in the report including copies of all letters, emails, faxes and other correspondence that the Study Team sent to and received from members of the public, government agencies, public utilities, Indigenous communities and other interested parties as well as minutes from any meetings held and copies of written comments received; records of public information events, including information about the event locales and layout/programs, copies of materials provided at the events, sign-in sheets, comment sheets, news media communications, notices published, etc.

The Record of Consultation identifies all parties consulted during the preparation of the EA and how they were notified; describes how Indigenous communities were identified and consulted. The Record of Consultation also describes how comments, questions, issues and concerns were responded to by the Study Team, and how the EA Report was affected (i.e., revised or not) by those comments, questions, issues and concerns. A rationale for any comments, questions or concerns that did not result in changes to the draft EA is also provided.

Table of Contents

1.0 Introduction 1
2.0 List of Stakeholders 2
3.0 Process of Public Consultation 4
3.1 Methods of Communication & Consultation 4
3.2 Environmental Assessment Project Milestones & Consultation Events 4
3.2.1 Notice of Acceptance of the Terms of Reference and Commencement of the Environmental Assessment 4
3.2.2 Notice of Availability of Draft Ecological Work Plan 5
3.2.3 Invitation to Attend Site Visit 5
3.2.4 Assessment of the Export vs. Expansion Alternatives 5
3.2.5 Notice of Availability of Draft Work Plans for all Other Subject Areas 5
3.2.6 Public Information Centre #1 – August 26, 2015 6
3.2.7 Public Information Centre #2 – June 23, 2016 6
3.2.8 Notice of Draft Environmental Assessment for Inspection 7
3.2.9 Notice of Submission of the Environmental Assessment 7
4.0 Results of Public Consultation 7
4.1 Federal Agencies 7
4.2 Provincial Agencies 9
4.3 Municipal 16
4.4 Conservation Authority 16
4.5 Indigenous Communities 27
4.5.1 Draft Ecological Work Plan and Site Visit 27
4.5.2 Environmental Assessment Review Process Financial Assistance 27
4.5.3 Indigenous Community Communications 28
4.6 Utilities/Services 38
4.7 Landowners/Interested Stakeholders 40

Appendices

Appendix A Notice of Approval of the TOR and Commencement of the EA
Appendix B Public Information Centre #1
Appendix C Public Information Centre #2
Appendix D Consultation with Federal Agencies
Appendix E Consultation with Provincial Agencies
Appendix F Consultation with Municipal Authorities
Appendix G Consultation with the Conservation Authority
Appendix H Consultation with Indigenous Communities
Appendix I Consultation with Utilities/Services
Appendix J Consultation with Landowners/Interested Stakeholders
Appendix K Consultation Summary Table

Abbreviations

AANDC	Aboriginal Affairs and Northern Development Canada (now INAC)
ASI	ASI Archaeological & Cultural Heritage Services
BRA	Bluewater Recycling Association
CKD	Cement Kiln Dust
CH_4	Methane
CO_2	Carbon Dioxide
CO_2-e	Carbon Dioxide equivalent
DFO	Department of Fisheries and Oceans Canada
EA	Environmental Assessment
EC	Environment Canada
ECA	Environmental Compliance Approval
ESA	Endangered Species Act
e-waste	electronic waste
GHG	Greenhouse Gas
INAC	Indigenous and Northern Affairs Canada
LFG	Landfill Gas
MHSW	Municipal Hazardous and Special Waste
MNRF	(Ontario) Ministry of Natural Resources and Forestry
MOECC	(Ontario) Ministry of the Environment and Climate Change
MTCS	(Ontario) Ministry of Tourism, Culture and Sport
MTO	(Ontario) Ministry of Transportation
PIC	Public Information Centre
SAR	Species at Risk
SMC	St. Marys Cement
SWH	Significant Wildlife Habitat
TOR	Terms of Reference
TOWN	Town of St. Marys
UTRCA	Upper Thames River Conservation Authority
WTE	Waste To Energy

1.0 Introduction

The Town of St. Marys (Town) undertook an Individual Environmental Assessment (EA) to determine how household solid waste should be managed over the next 40 years.

This Record of Consultation has been prepared in accordance with the Terms of Reference (TOR) for the EA, dated December 2013 and approved by the Minister of the Environment and Climate Change (MOECC) on December 29, 2014. This Record of Consultation serves to document the consultation process undertaken during the development of the EA.

The Town of St. Marys (Town) received a copy of the Minister's approval on January 9, 2015. Following this, the Town and its consultants issued a Notice of EA Commencement on February 9, 2015.

Due to seasonal timings required for fieldwork, a draft Ecological Work Plan was issued for public, Indigenous communities and agency comment on April 24, 2015. Communications regarding the Ecological Work Plan included invitations to interested stakeholders to attend a Site visit held on June 23, 2015.

As required by the TOR, the Town conducted an evaluation of the advantages and disadvantages to the environment of the undertaking, the alternatives to the undertaking and the alternative methods of carrying out the undertaking; as part of the EA. This evaluation of alternatives to the undertaking was concluded by June 2015 with preliminary results indicating that landfill expansion was the preferred Alternative.

Based on the Preferred Alternative, the Town and R.J. Burnside & Associates (Burnside) prepared and distributed the draft Work Plans (Air Quality, Noise and Vibration Work Plan, Archaeological and Cultural Heritage Work Plan, Hydrogeological Work Plan and Socio-Economic Work Plan) for public, Indigenous communities and agency comment on July 29, 2015. Comments received were incorporated into the execution of these draft Work Plans. Draft Subject Area reports were subsequently made available for public review and comment in June 2016.

Public Information Centers (PICs) were conducted on August 26, 2015 and June 23, 2016 at the Town Operations Centre. Stakeholders were encouraged to provide feedback before, during and in the weeks that followed these PIC's. Project information, including Notices and draft documents which were also posted to the Town's website: **http://www.townofstmarys.com.**

Members of the public, governmental agencies, Indigenous communities and other interested stakeholders were contacted via the Town website along with emails, letters and telephone calls from Burnside staff. They were encouraged to actively participate in

the EA process by attending consultation events or by contacting the Town's Study Team (Town or Burnside staff) with comments or questions.

2.0 List of Stakeholders

The following list provides the specific agencies and departments of the federal, provincial and municipal governments that have been consulted during the EA process. Notifications were also sent to potentially affected Indigenous communities, landowners and utilities within a 1,000 m radius of the landfill site, and any other Stakeholders who expressed an interest in being informed during the EA process. These contacts are provided in the following sections. A more detailed list can be reviewed in Appendix A.

Federal Agencies

- Canadian Environmental Protection Agency
- Environment Canada (EC)
- Health Canada
- Canadian Transportation Agency
- Transport Canada
- Department of Fisheries and Oceans Canada
- Indigenous and Northern Affairs Canada (INAC)

Provincial Agencies

- Ministry of Natural Resources and Forestry
- Ministry of the Environment and Climate Change
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Tourism, Culture and Sport (MTCS)
- Ministry of Municipal Affairs and Housing
- Ministry of Infrastructure
- Ministry of Transportation
- Ministry of Indigenous Affairs
- Ontario Power Generation
- Infrastructure Ontario

Municipal Contacts

- Town of St. Marys
- Township of Perth South
- Perth County

Conservation Authority

- Upper Thames River Conservation Authority

Indigenous Communities

The following First Nations were listed by the Ontario Secretariat for Indigenous Affairs (OSIA):

- Association of Iroquois and Allied Indians
- Métis Nation of Ontario
- Caldwell First Nation
- Walpole Island First Nation
- Chippewas of Kettle and Stony Point First Nation
- Oneida Nation of the Thames First Nation
- Chippewas of the Thames First Nation
- Munsee Delaware First Nation
- Six Nations of the Grand River Territory
- Haudenosaunee Development Institute
- Mississaugas of Credit First Nation
- Moravian of the Thames Delaware Nation
- Chippewas of Sarnia 45 First Nation (Aamjiwnaang First Nation)
- Windsor Essex Métis Community Council

Utilities/Services

- Hydro One Networks Inc.
- Festival Hydro
- Enbridge Gas Distribution Inc.
- TransCanada Pipeline
- Trans-Northern Pipeline Inc.
- Rogers Communications
- Bell Canada
- Blink Communications Inc.
- Telus
- Zayo (formerly Allstream)
- Union Gas
- Canadian Pacific Railway
- Perth District Health Unit

Landowners & Other Interested Parties

- Landowners within the Study Area Vicinity (all lands within a 1,000 m radius of the On-Site Study Area), including
  - Mr. and Mrs. Bill and Lynn Carr
  - Mr. and Mrs. Dan and Kristine McCurdy
- St. Marys Cement (SMC)
- Huron Perth District Catholic School Board

- Middlesex (London) OPP Dispatch

3.0 Process of Public Consultation

Communication and consultation with relevant Stakeholders occurred at numerous steps during the development of the EA Report. These typically occurred at particular project milestones as well as in response to questions/ comments submitted over the duration of the project.

3.1 Methods of Communication & Consultation

Communication with Stakeholders occurred via a number of methods (discussed in more detail in Section 3.2). Method of communication included:

1. Notices;
2. PIC;
3. Project information posted to the Town's website;
4. Agency consultation (includes calls, emails and meetings); and
5. Indigenous consultation (includes calls, emails and meetings).

Notification of each project milestone was published in two consecutive editions of the St. Marys Journal Argus and the St. Marys Independent (newspapers) as well as the publication of Municipal Alert emails sent directly from the Town to individuals who requested notification of events via the Towns' website.

For each PIC event a separate consultation report was prepared. PIC #1 Summary Report and PIC #2 Summary Report are included in Appendices B and C (respectively) of this report. These PIC Summary Reports include copies of notifications, subsequent comments received from Stakeholders and the Study Team's response to such comments.

3.2 Environmental Assessment Project Milestones & Consultation Events

Public consultation occurred at the following project milestones:

3.2.1 Notice of Acceptance of the Terms of Reference and Commencement of the Environmental Assessment

- Public notification occurred via emails and posted letters sent to contact persons from previously listed agencies, utilities, Indigenous communities, landowners and other interested parties. These were distributed by Burnside on February 9, 2015.
- Notice was posted on the Towns' website (see Appendix A).
- Newspaper advertising of the Notice were published in:
  - The St. Marys Independent – February 13 and 20, 2015,

  - The St. Marys Journal Argus – February 18 and 25, 2015.
- Follow-up telephone calls were made to confirm receipt of notification by Indigenous communities.

3.2.2 Notice of Availability of Draft Ecological Work Plan

Review agencies and Indigenous communities were provided with printed copies or emailed the Draft Ecological Work Plan on April 24, 2015 (see Appendix H). In addition, the draft Work Plan was made available on the Town's website.

3.2.3 Invitation to Attend Site Visit

Several Indigenous communities had indicated an interest in the project during the TOR stage. These communities were emailed invitations to observe fieldwork being conducted as part of the Ecological Work Plan. The site visit was scheduled for June 23, 2015. Emails were sent out by Burnside staff on April 24, June 18 and 22, 2015 encouraging the attendance by representatives of these communities. Follow-up telephone calls were made to determine attendance on June 18, 2015 (Contact List provided in Appendix H). None of the community representatives attended the site on June 23, 2015, nor indicated interest in attending subsequent fieldwork dates. Additional information can be found in Section 0.

3.2.4 Assessment of the Export vs. Expansion Alternatives

While not explicitly a public consultation effort, the Study Team surveyed private waste management firms and municipalities operating landfills as part of the TOR Phase 1 efforts. In summary, a series of questions were posed to private waste management firms regarding their capacity to accept St. Marys waste, typical costs, and environmental protection measures in place. Municipalities were simply asked if they would consider accepting waste from St. Marys, with acceptance subject to further discussion. This is described in the EA Report, Section 4.

Communications investigating the Export Alternative were conducted in March and April of 2015. The information gathered through these surveys allowed the Study Team to assess the relative merits of the various waste export options. The resulting assessment of Export versus Expansion Alternatives was presented during PIC #1 (held on August 26, 2015). The notifications and stakeholder communications leading up to, during and following PIC #1 are summarised in the PIC#1 Summary Report – Appendix B.

3.2.5 Notice of Availability of Draft Work Plans for all Other Subject Areas

On July 29, 2015, review agencies and Indigenous communities were provided with printed copies (and/or DVD) of draft Work Plans containing all of the draft Work Plans.

The draft Ecological Work Plan was made available on April 24, 2015, per Section 3.2.2. See also the PIC #1 Summary Report (Appendix B).

All of the draft Work Plans and additional background documentation, including the PIC display boards (included in PIC #1 Summary Report) were made available for review on the Town's website.

Notice of PIC #1, discussed below, includes a statement for all Stakeholders that the draft Work Plans were available (or, as above, provided) for review.

3.2.6 Public Information Centre #1 – August 26, 2015

The first PIC was held on Wednesday, August 26, 2015, and was intended to encourage, gather and respond to public feedback and 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, discussed above).

The entire process of stakeholder notification, the PIC event, comments received from Stakeholders and responses provided by the Study Team is documented in the Public Information Centre (PIC) #1 Summary Report. A brief overview is below.

- All stakeholders were notified of the PIC event, which included printed, electronic or download access instructions for the draft Work Plans.
- The PIC was held at the Town's Municipal Operations Centre on August 26, 2015 from 5:00 p.m. to 7:00 p.m.
- Stakeholder comments were received and addressed in person during the PIC (see Table 1 of the PIC #1 Summary Report), or though letters, emails and telephone when responding to written stakeholder comments (Table 2).

3.2.7 Public Information Centre #2 – June 23, 2016

A second PIC was held on Thursday, June 23, 2016; and was intended to encourage, gather and respond to public comments and feedback on the process. It focussed on the following:

- Describing the proposed study and purpose.
- Presenting the preliminary assessment of Alternative Expansion Methods.
- Identifying the next steps in the EA process (i.e., completion and issuance of the draft EA Report).

The entire process of Stakeholder notification, the PIC event, comments received from Stakeholders and responses provided by the Study Team is documented in the PIC #2 Summary Report. A brief overview is below.

- All Stakeholders were notified of the PIC event. The Notice included electronic or download access instructions for the draft Subject Area reports, specifically:
  - Cultural Heritage Resource Assessment
  - Hydrogeology Study
  - Landfill Expansion Emission Summary and Dispersion Modelling Report
  - Landfill Expansion Noise Impact Assessment
  - Natural Heritage Assessment
  - Socio-Economic Impact Assessment
  - Stage 1 Archaeological Assessment Report
  - Traffic Impact Study
- The MOECC Project Officer, Wesley Wright, arranged for distribution of the Subject Area reports to MOECC reviewers.
- The PIC was held at the Town's Municipal Operations Centre on June 23, 2016 from 5:00 p.m. to 7:00 p.m.
- The Study Team requested that comments on the draft Subject Area reports and the preliminary assessment of Alternative Expansion Methods be submitted by July 15, 2016.
  - Stakeholder comments were received and addressed in person during the PIC (see Table 1 of the PIC #2 Summary Report), or though letters and emails when responding to written stakeholder comments (Tables 2).
  - Comments received after July 15, 2016 are not included in the PIC #2 Summary Report but are discussed in Section 4.0 of this report.

3.2.8 Notice of Draft Environmental Assessment for Inspection

Pending

3.2.9 Notice of Submission of the Environmental Assessment

Pending

4.0 Results of Public Consultation

The following provides a chronological summary of comments/ questions/ communications as a result of various public consultation efforts described in Section 3.2. See Table 1 for Study Team responses to comments received.

4.1 Federal Agencies

A summary of communications with federal agencies is as follows:

Transport Canada's Environmental Assessment program in Ontario

- On April 16, 2015, Burnside received an email from Transport Canada's EA program in Ontario providing information regarding Acts that may be applicable to the project; and updates to Transport Canada's staff contacts. The email asked that the Study Team cease notifications to Transport Canada if none of the requirements of the Acts applied to the project.
- An email response was received from Ms. Margaret Menczel, on June 30, 2015 stating that the *Aeronautics Act* may also be a factor and that the onus was on the landowner (Study Team) to comply with restrictions outlined in the regulations.
- On August 5, 2015, a generic email was received from 'EnviroOnt' indicating the responsibilities of this agency and informing that correspondence should only be forwarded electronically to EA Coordinator at EnviroOnt@tc.gc.ca.
- Mr. David Zeit of Transport Canada responded to notification of the PIC #2 via email on June 17, 2016 and requested that the agency be removed from the Project Contact List.

Aboriginal Affairs and Northern Development Canada (AANDC) [1], Consultation and Accommodation Unit (CAU), Ontario Office

Burnside received an email on July 29, 2015, sent in response to the PIC #1 Notice. The email requested that we review the Aboriginal Treaty Rights Information System (ATRIS) regarding overlap of our project with Indigenous communities. A website link was provided in the email. Burnside reviewed the website and no results were found for the Town of St. Marys (plus 1 km).

Canadian Environmental Assessment Agency (Ontario Region)

Burnside received email correspondence on February 25, 2015 from Ms. Caitlin Cafaro. The communication indicated that the Town's waste management EA did not appear to be described in the Regulations Designating Physical Activities. Burnside was directed to review Section 1 in the Regulations and to cease notifications if the project is not subject to a federal EA. Burnside determined that further notifications were not required.

[1] As of November 4, 2015, AANDC was renamed to *Indigenous and Northern Affairs Canada* (INAC). http://aptn.ca/news/2015/11/04/federal-aboriginal-affairs-department-renamed-indigenous-and-northern-affairs/, accessed August 18, 2016.

4.2 Provincial Agencies

A summary of communications with provincial agencies is provided in this section.

Ministry of Environment and Climate Change

MOECC – Southwestern Region

In response to the Notice of PIC #1 and availability of draft Work Plans, Burnside received updated contact information for MOECC on August 7, 2015, from Ms. Emilee O'Leary, Environmental Planner/ Environmental Assessment Coordinator. Burnside responded the same day that the Project Contact List would be updated. Ms. O'Leary was also informed that copies of the draft Work Plans could be accessed on the Town's website.

MOECC – Hydrogeology

Verbal communications with MOECC, Hydrogeologist, Mr. Mike Harris took place on December 22, 2015 to discuss revisions to the Work Plan for the hydrogeological component of the EA and to obtain guidance regarding the proposed methodology. Burnside indicated the Work Plan would be revised to remove additional drilling due to receipt of earlier hydrogeological reports.

Mr. Harris indicated that program proposed seemed suitable since it was understood that the method was an iterative approach, and that the study can change as information becomes available. However, he did note that he would still ask for some component of drilling if he felt it was needed.

MOECC – Environmental Assessment and Approvals Branch

Telephone and email communications took place on August 20, 2015, with Ms. Sue Edwards regarding updating current MOECC contact information and to discuss the air and noise and hydrogeological Work Plans. PIC #1 was also discussed.

Information on communications with Indigenous communities was provided on August 20, 2015 as a follow up from a telephone conversation between MOECC and Burnside staff.

Contact information for this agency was further updated on November 25, 2015 in response to email notification from Ms. Edwards, requesting that Mr. Dan Delaquis be listed as temporary contact person until the allocation of a new project officer was finalised.

Burnside staff emailed Mr. Delaquis on December 15, 2015 requesting contact information on the new project officer, however, it was relayed that this process had not

yet been completed and that all project information will be provided to the new Project Officer once they had been assigned.

Subsequently, Mr. Wesley Wright was assigned. Burnside and Mr. Wright, Project Officer, EA and Approvals Branch of MOECC, communicated often throughout the development of the EA. These communications are summarized below:

- On March 2, 2016 Burnside provided the MOECC (via Mr. Wright) a summary of a meeting with Haudenosaunee Development Institute (HDI) with the Town, regarding the EA and Burnside requested guidance from the MOECC and MAA on the discussions. The MOECC responded via email on March 21, 2016 requesting additional information and responses to their questions. The Study Team responded via email on March 22, 2016.

  The MOECC provided written correspondence to the Study Team on April 14, 2016 with guidance on meaningful consultation and encouraged continued communication with HDI through the EA process. Burnside was directed to communicate with Mr. Wright regarding further questions or concerns (also discussed in Section 0).

- Discussions continued between the Study Team and Mr. Wright regarding a number of issues of interest to the MOECC, including climate change impacts, source water protection and the Subject Area reports. These discussions took place on April 25, May 18, and June 7, 2016.

- On May 18, 2016, Burnside informed that some Subject Area reports were available for review by the MOECC. Information on the future availability of the remaining reports was also provided.

- On June 7 and 8, 2016, Burnside emailed to inform of the availability of all draft Subject Area reports for MOECC review. Notification of PIC #2 was provided and the Study Team requested updated contact information for the Government Review Team. MOECC was informed that this information was also available on the Town's website for stakeholder review. The notification method and dates were provided as well as the documentation process and the production of a Record of Consultation Report to be included in the EA. Burnside informed that it had been requested that all comments on the draft Subject Area reports be provided by July 15, 2016 and that the draft EA Report should be available for review around the first week of August 2016 with final EA submission end of September or early October.

- On June 13, 2016, Burnside received email notification that the Crown has recently moved to favour the term "Indigenous" over "Aboriginal". Reports under development since that time have attempted to make this same change.

- June 27, 2016 Mr. Header Merza sent correspondence to Burnside, with comments specific to the Landfill Expansion Noise Impact Assessment Report within the EA.

- July 29, 2016 Burnside emailed Mr. Wright to thank him for the phone discussion. Burnside will work with MOECC to resolve issues where possible. Phone

conversation was summarized as follows: 1) A need to clearly state which alternative is the preferred Method, 2) A discussion of the impacts, modelling and mitigation measures associated with the preferred Method, and 3) Monitoring requirements for the preferred expansion Method; 4) Existing/Historic Monitoring Results. July 29, 2016 Mr. Mark Harris sent Mr. Wright his review comments on the above email from Burnside as follows: Consultants points #1 through #4 has properly captured the main concerns, ministry needs to be satisfied that groundwater is protected; Is premature for ministry to approve EA as Preferred Alternative was not available; now that Preferred is #3 this reduces some uncertainty of proposal and potential impacts, however there is only one down-gradient monitoring well of use, which is insufficient. Request that additional information be obtained, possibly by installing wells. Consultants suggests in # 2, that Preferred Alternative would include a liner and LCS, as well as shallow ground water controls just beyond the liner, this would allow for more advanced modeling of contaminant migration may not be necessary, thus enabling the site to meet the Reasonable Use Guideline. This concept could be identified and described in EA, covering this critical component of groundwater protection. Furthermore, there would need to be discussion/evaluation of the effectiveness of the liner/LCS.

- July 29, 2016 Mr. Wright sent Burnside an email, as follows: Part of the issue the Regional Office has is that these concerns have been raised/shared in the past, and yet have not been acted on. It is understood that there was a changeover in consultants during this time, but that does not change the fact that these concerns are not only now being shared for the first time. Please note from Mr. Harris's previous email that, especially in light of his now knowing that there will be a LCS for the preferred alternative/proposed expansion, as I understand it there may not be a definitive need for on-site monitoring wells that will then have to be removed prior to construction (so long as it can be demonstrated that the site can be developed in a manner that is protective of groundwater resources). Which is not the worst news that the Town could hear.
- Burnside submitted a letter, on October 28, 2016, which sought to address the seven issues listed in correspondence received from Mr. Merza (MOECC) on June 7, 2016. These issues were specific to the Noise Report within the EA.
- On January 12, 2017, Burnside spoke with Ms. Nisha Shirali, the new MOECC Project Officer.
- Ms. Shirali was reminded of the email submitted on December 9, 2016 stating that Burnside hoped to supply a draft EA Report for review in January 2017. Ms. Shirali acknowledged receipt of this email.
- Ms. Shirali was informed that the Study Team installed a new monitoring well at the site in late November 2016. The well was installed as part of the on-going monitoring program to address the potential for impacts downgradient from the existing waste footprint. This well had not yet produced water for sampling. As a result, the Study Team had delayed the completion of the draft EA Report.

- Burnside planned continued monitoring of the well based on the following:
  - If the well did not produce a sample in February, Burnside would re-evaluate the situation (It was noted that insufficient water in the well still provided data that could be interpreted by the hydrogeologist).
  - If the well produced a sample by mid-February, it would take a couple weeks for the lab and another two weeks (+/-) for the hydrogeologist's assessment.
  - Subject to sampling results and EA Team (Town/Burnside) discussion, the draft EA Report may be ready in about two months (i.e., late March 2017).
- Burnside was to call Ms. Shirali in mid-February when the sampling decision had been made. Ms. Shirali requested a one-month notice before submission of the draft EA.
- On March 23, 2017 a voice message was left after a call from Burnside to Ms. Shirali was unanswered. Ms. Shirali returned the call on March 24 and was informed that Burnside's hydrogeologist had spoken to the ministry's Hydrogeologist (Mr. Harris) and that the EA Report preparation was now proceeding. It was reiterated (from the call in January 2017) that the installation of monitoring well (OW36) had been completed to address Annual Monitoring Report comments (from the ministry) that dated back to 2009, and that Burnside's site involvement started in 2013. Ms. Shirali noted the anticipated mid-to-late April schedule for receipt of the updated Draft Hydrogeology Report and the Draft EA Report and agreed to distribute the reports to the Government Review Team, in keeping with the previous Project Officer's (Mr. Wright's) similar review coordination efforts.
- On March 20 and March 30, 2020, finalized comments were received from Project Officer, Ms. Jenny Archibald of the MECP, via email. These comments were specific to the following subject areas, in addition to the Project Officer's comments:
  - Air Quality
  - Wastewater
  - Waste
  - Hydrogeology
  - Surface Water
  - Indigenous Consultation
  - Resource Recovery Policy
- Burnside has since provided email responses to many of the subject area comments. These efforts are outlined in Table 1.The Town met with the Minister of the Environment, Conservation and Parks (MECP) at an Association of Municipalities of Ontario (AMO) conference, during a Delegation made by the Town to Minister Yurek, regarding Red Tape and Inefficiencies related to the EA process.
- The Town then organized a meeting with MECP via Microsoft Teams. That occurred on Sep. 24, 2020. The MECP provided the attached meeting minutes.

Ministry of Health and Long-Term Care

In keeping with a request by the Perth District Health Unit, the Study Team sent the Notice of EA Commencement to the Ministry of Health and Long-Term Care.

No response was received.

Infrastructure Ontario

Burnside obtained updated contact information on February 13, 2015 and a request to be removed from the Project Contact List, via the Notice of EA Commencement Response Form provided. It was indicated by Mr. Keith Noronha, Environmental Management, Team Assistant, that there were no anticipated impacts to lands belonging to Infrastructure Ontario (IO). Correspondence was also received from Ms. Lisa Myslicki on February 13, 2015 requesting a removal from the Contact List unless future impacts are anticipated. If impacts to IO managed lands were expected Burnside was directed to contact Mr. Noronha to discuss next steps.

Ministry of Infrastructure – Growth Policy, Planning and Analysis Branch

Mr. Peter Reed, Manager, Land Use Planning, emailed Burnside the completed NOCm Response Form on February 13, 2015 requesting that this agency be removed from the Project Contact List as there were no anticipated impacts to IO lands.

Ministry of Natural Resources and Forestry

The following provides a summary of communications between members of the Study Team and the MNRF. Correspondence began as early as 2012. For example, December 18, 2012 from David Marriott to Wesley Wright; January 8, 2013 from David Marriott to Wesley Wright; and January 2, 2013 from Wesley Wright to David Marriott

Following the release of the NOCm, on February 24, 2015, Mr. Marriott, MNRF emailed Burnside informing that, based on the NOCm received; the MNRF was able to provide information and comments for consideration (included in the email). It was recommended that Burnside contact Mr. Art Timmerman to obtain fisheries information completed for the Thames River and tributary crossing. The MNRF also recommended that Burnside contact the local conservation authority and municipality for any additional information or records for the Study Area (communications with these agencies are included in this report).

On February 27, 2015, Burnside emailed Mr. Timmerman, Management Biologist, to provide information about the EA and requested available information on fish records/habitat assessments. Mr. Timmerman responded on March 2, 2015 and provided a listing of fish records/habitat assessments.

On March 26, 2015, Burnside emailed Mr. Graham Buck, Management Biologist, requesting information on appropriate survey protocol for snake species, which were subsequently provided on April 2, 2015.

March 5, 2015 an email from MNRF, Mr. Marriott, recommending a meeting be scheduled to discuss the Aggregate Resource Act (ARA) License that applies to the landfill property. Mr. Marriott then sent an email on March 6, 2015; initially about the *Aggregate Resources Act* license on the site, it attaches Mr. Marriott's January 8, 2013 comments on the TOR about the MNRF's records for the Local Study Area. – original email dated November 29, 2013, that provides similar comments on the TOR.

Separately, and as indicated in the TOR, Town staff confirmed that removal/surrender of the ARA License would be undertaken by Town staff as an effort outside the EA process. The Town noted their current landfill operations require removal of the ARA License in any event. Due to staffing changes at the Town in early 2016, Burnside was asked to assist with efforts to remove the ARA License from the Landfill property. On February 17, 2016, Burnside staff (via email) requested any updated information on licenses on the surrounding properties or on the landfill itself. MNRF staff responded on February 22, 2016 to the request. The email provided updated information on the site and again suggested that site visit be scheduled with the Study Team to discuss available options under the ARA. Burnside staff responded on February 29, 2016 to inform MNRF that a request for the site visit was forwarded to the Town for implementation. During this same time period, Burnside and the Town engaged with St. Marys Cement (SMC) as holders of the ARA License. SMC reviewed aggregate resources on the Town lands and, in August 2016, determined that they will apply to remove the license from the Town lands. See also Section 4.7 (SMC).

On April 14, 2015, Burnside emailed Mr. Buck and Mr. David Marriott requesting contact information for Fish & Wildlife Conservation Act to obtain survey authorization. Burnside was provided Ms. Kathy Richardson's contact information and she was then emailed regarding the authorization process required to conduct snake surveys. Ms. Richardson communicated with Burnside on April 20, 2015 and provided the WSC authorization form to be submitted. Guidance on completing the form was requested by Burnside and subsequently provided. On April 22, 2015, Burnside submitted the completed WSC authorization form and a map of the study location. It was noted that the Study Team intended to position study materials on May 8, 2015.

Ms. Richardson communicated with Burnside on April 20, 2015 and provided the WSC authorization form to be submitted. Guidance on completing the form was requested by Burnside and subsequently provided.

Burnside emailed Ms. Richardson on June 23, 2015 with the results of bird observation surveys to which Ms. Richardson responded on June 24, 2015 providing guidance on Bird survey methods and observations.

Contact was made with Mr. Ian Thornton, Resource Operations Supervisor on December 17, 2015 when Burnside staff provided a letter of summary of findings from surveys conducted in 2015 as per the conditions outlined in WSC Authorization permit #1080066. Contact information for this agency was updated January 16, 2016 to allow for future communications with Mr. Thornton.

February 17 and 29, 2016 email from MNRF (Mr. Marriott) to Burnside, follow-up regarding the ARA License of the site.

February 29, 2016, Burnside responded informing MNRF that a request for the site visit was forwarded to the Town for implementation.

Burnside responded in a March 6, 2015 email that such a meeting could be arranged but should wait until snow melted.

Burnside and the Town engaged with St. Marys Cement (SMC) as holders of the ARA License. SMC reviewed aggregate resources on the Town lands and, in August 2016, determined that they will apply to remove the license from the Town lands.

Town staff confirmed that removal/surrender of the ARA License would be undertaken by Town staff as an effort outside the EA process. The Town noted their current landfill operations require removal of the ARA License in any event.

Burnside was asked to assist with efforts to remove the ARA License from the Landfill property.

MNRF staff responded on February 22, 2016 to the request, providing updated information on the site and again suggested that site visit be scheduled with the Study Team to discuss available options under the ARA.

On February 17, 2016, Burnside staff (via email) requested any updated information on licenses on the surrounding properties or on the landfill itself.

Burnside staff responded on February 29, 2016 to inform MNRF that a request for the site visit was forwarded to the Town for implementation. During this same time period, Burnside and the Town engaged with St. Marys Cement (SMC) as holders of the ARA License. SMC reviewed aggregate resources on the Town lands and, in August 2016, determined that they will apply to remove the license from the Town lands.

August 18, 2017 letter was received from MNRF (Mr. David Marriott) to Burnside, with comments on draft EA Report and supporting documents.

Ministry of Transportation – Corridor Management Section West Region

On March 12, 2015, Burnside received an email from Mr. Chris Dixon, Corridor Management Planner acknowledging receipt of the Notice of Commencement, a request for project involvement and comments from the Ministry regarding the project. The Ministry also requested that they be kept informed of the progress of the EA.

Ontario Provincial Police

On March 6, 2015 Ms. Donna Caldwell of Middlesex (London) OPP Dispatch returned the completed NOCm Response Form with the option to remove Steve Porter, Inspector from the Project Contact List.

Burnside also received correspondence from the Business Management Bureau on March 9, 2015 indicating a preference for electronic communications. All further Notices were sent via email.

4.3 Municipal

The municipal contacts of the stakeholder list (Section 2.0) were provided with the NOCm, and notices regarding PIC #1 and #2.

- The Township of Perth South returned a completed NOCm Response Form to Burnside on February 11, 2015. It was indicated that Perth South had no information to share at the time but would like to be kept informed of the project.
- There was no reply by the County of Perth.
- The Town of St. Marys, as the EA proponent, did not respond.

As part of the Phase 1 EA efforts, evaluating the waste export option, the Study Team contacted several municipalities to ask if they might be willing to accept waste from the Town of St. Marys – see the EA Report, Section 7.3.1.1. No Municipality indicated an interest in providing solid waste disposal capacity. This was not a part of the stakeholder consultation process.

4.4 Conservation Authority

Upper Thames Region Conservation Authority

Contact information for the UTRCA was updated as per email received from Karen Winfield on February 13, 2015. The email also included a Notice of EA Commencement Response Form and UTRCA comment letter which provided comments related to natural heritage, water resources and other relevant legislation and polices of UTRCA. It was indicated that UTRCA would like to review draft documents produced for the EA, including ESR and the public presentation. It was also noted written approval would be

required regarding land designated as Natural Heritage and that digital mapping can be obtained from UTRCA.

On April 24, 2015 Burnside staff provided information on the EA and discussed the Export vs Expansion Alternative that is the first step in the assessment process. Feedback in the form of comments or questions regarding the proposed methodology and scope of work was requested.

On May 20, 2015 Burnside received "informal" comments and guidance from UTRCA technical staff (terrestrial ecologist, aquatic biologist and snake/reptile biologist) related to study methods, data collection and information relevant to the Sgarglia Municipal Drain, and fish sampling records

August 29, 2015 UTRCA sent comments to Burnside, on the draft Hydrogeological Work Plan. UTRCA offered 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). As the purpose of the hydrogeological study is to explore expansion of the existing landfill. The proposed work plan looks complete. However, 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.

A response was sent to UTRCA on August 31, 2015 indicating that the comments will be distributed to the requested Study Team members and incorporated into the Work Plans where necessary. This was confirmed by Burnside on October 7, 2015 when an email to UTRCA confirmed that comments have been incorporated in the draft Hydrogeological Work Plan. Burnside also requested the provision of source protection data available as well as mapping on vulnerability and water budget. Alternatively, information on the best person to contact to obtain this data would be appreciated.

UTRCA requested clarification from Burnside on October 9, 2015 regarding the email sent on October 7, 2015. It was indicated that information on Regulated and Natural Heritage areas that were previously provided to Burnside and that additional information could be obtained Mr. Phil Simm in the GIS department.

Mr. Simm was contacted on October 19, 2015 via email to confirm requested mapping information (i.e., the Drinking Water Source Protection mapping). Burnside was informed on October 23, 2015, that distribution of this data requires the use of ESRI ArcGIS programs. The use of ArcGIS was confirmed on November 2, 2015 with the provision of an attached signed agreement from Burnside.

On August 15, 2016 UTRCA sent an email with letter (dated September 7, 2016), provided Burnside with comments on the Draft Natural Heritage Assessment Report and

also regarding the Draft Hydrogeological Assessment Report. General comment UTRCA currently preferred Alternative #3 (note a permit would be required from UTRCA for works proposed in Option #3). Additional information is required to assess potential impacts of the various alternatives on Natural Heritage. In addition to SWH information provided various areas / locations should be provided; list the two threatened species and one special concern species that will be directly impacted by alternative 2; explain why the shallow marsh / willow thicket swamp was not surveyed for amphibians; Include discussion about the likelihood of creating / enhancing areas where potential SWH for the species listed in point #1 (above) as potential mitigation measures; follow construction timing windows under the Migratory Birds Act; Ensure water quality monitoring includes both chemistry and benthic sampling. Monitoring should occur before the alternative is selected, and throughout the life of the landfill expansion. Given the fact that the site is adjacent to softshell habitat, we do not recommend alteration of the watercourse or the shoreline.

MOECC is the official hydrogeologic review agency, UTRCA simply providing comments on this section given that our office has extensive information related to the St. Marys area given our involvement with Drinking Water Source Protection Studies.

On September 7, 2016 Burnside responded by email with letter addressing comments from UTRCA. (1) Burnside commented that UTRCA's comment on Method #3 is correct that a UTRCA permit will be required to relocate the watercourse and will be documented in the EA. (2) Burnside noted that updates have been made to Fig. 6-10; however, there were areas/ locations which were not mapped or updated. (3) The report has been updated to include confirmed and candidate habitat for a threatened species. (4) No amphibian calls were observed; therefore, these areas were not considered potential amphibian breeding habitat, and not included as survey station. (5) Given site is active landfill, any habitat creation/ enhancement activities may not be permanent. There are opportunities in preferred alternative method 3. (6) Appendix H has been revised to address comments. (7) Burnside staff spoke with UTRCA staff by phone to discuss comments. (8) relocation of the watercourse for the preferred Method 3 will require restoration of existing habitats in the new location. We are therefore not concerned that alteration of the watercourse will have any long-term impacts to this species. (9) Burnside has accessed hydrogeological data available through UTRCA. (10) Burnside used both regional and local data to assess the site.

Table 1: Agency Comments, Responses and Actions Taken

Agency	Received Comment	Study Team Consultation Activity/Response
Ministry of Environment and Climate Change	April 14, 2016 MOECC provided written correspondence to the Study Team with guidance on meaningful consultation and encouraged continued communication with HDI through the EA process and directed Burnside to communicate with Mr. Wright.	March 2, 2016 Burnside provided the MOECC (via Mr. Wright) a summary of a meeting with HDI and the Town regarding the EA and requested guidance from the MOECC and MAA on the discussions. March 22. 2016 Burnside responded to MOECC.
Ministry of Environment and Climate Change	June 27, 2016 Mr. Header Merza sent correspondence to Burnside, with comments specific to the Landfill Expansion Noise Impact Assessment Report within the EA. Comments noted that construction-related noise should be included in the noise report as well as any additional equipment beyond that noted, pest control devices and other ancillary facilities.	October 28, 2016, Burnside responded to note that construction noise may exceed noise bylaws for short periods of time during daylight hours, very little equipment is used at the site and all equipment was addressed. Pest control devices are not used on site and there are no additional facilities beyond waste collection bins.
Ministry of Environment and Climate Change	July 29, 2016 Mark Harris provided review comments as follows: Comment responses 1-4 have properly captured the main concerns, ministry needs to be satisfied that groundwater is protected; Is premature for Ministry to approve EA as preferred alternative was not available; now that preferred is #3 this reduces some uncertainty of proposal and potential impacts, however there is only one down-gradient monitoring well of use, which is insufficient. Request that additional information be obtained, possibly by installing wells. Consultants suggests in # 2, that preferred alternative would include a liner and LCS, as well as shallow ground water	There was a follow-up phone conversation that is summarized as follows: 1) A need to clearly state which alternative is the preferred Method, 2) A discussion of the impacts, modelling and mitigation measures associated with the preferred Method, and 3) Monitoring requirements for the preferred expansion Method; 4) Existing/Historic Monitoring Results.

Agency	Received Comment	Study Team Consultation Activity/Response
	controls just beyond the liner, this would allow for more advanced modeling of contaminant migration may not be necessary, thus enabling the site to meet the Reasonable Use Guideline. This concept could be identified and described in EA, covering this critical component of groundwater protection. Furthermore, there would need to be discussion/evaluation of the effectiveness of the liner/LCS. July 29, 2016 Wesley Wright sent Burnside an email, as follows: Please note from Mark's previous email that, especially in light of his now knowing that there will be a LCS for the preferred alternative/proposed expansion, as I understand it there may not be a definitive need for on-site monitoring wells that will then have to be removed prior to construction (so long as it can be demonstrated that the site can be developed in a manner that is protective of groundwater resources).	
Ministry of Environment and Climate Change	N/A	Ms. Shirali was informed of the new monitoring well (OW36) was installed in late November 2016, as part of the on-going monitoring program to address the potential for impacts downgradient from the existing waste footprint and to address outstanding Annual Monitoring Report questions from the MOECC (dated back to 2009, Burnside's site involvement started in 2013). As this well had not yet produced water for sampling; the draft EA Report completion was

Agency	Received Comment	Study Team Consultation Activity/Response
		delayed. Continued monitoring of the well was based on the following: If the well did not produce a sample in February, Burnside would re-evaluate the situation (It was noted that insufficient water in the well still provided data that could be interpreted by our hydrogeologist). • Whether well produced a sample by mid-February, it would take a couple weeks for the lab and another two weeks (+/-) for the hydrogeologist's assessment. • Subject to sampling results and EA Team (Town/Burnside) discussion, the draft EA Report may be ready in late March 2017. March 23, 2017 a voice message was left after a call from Jamie Hollingsworth to Ms. Shirali was unanswered. Ms. Shirali returned the call on March 24, 2017 and was informed that Burnside's hydrogeologist had spoken to the Ministry's Hydrogeologist (Mark Harris) and that the EA report preparation was now proceeding. It was reiterated that the installation of monitoring well (OW36) had

Agency	Received Comment	Study Team Consultation Activity/Response
		been completed to address Annual Monitoring Report comments (from the Ministry) that dated back to 2009, and that Burnside's site involvement started in 2013. Ms. Shirali noted the anticipated mid-to-late April schedule for receipt of the updated Draft Hydrogeology Report and the Draft EA Report and agreed to distribute the reports to the Government Review Team, in keeping with the previous Project Officer's (Wesley Wright's) similar review coordination efforts.
Ministry of the Environment, Conservation and Parks	On March 20 and March 30, 2020, comments were received from Project Officer, Jenny Archibald of the MECP, via email. Comments were received from the following subject areas on March 20: • Air Quality. • Wastewater. • Waste. • Hydrogeology. • Indigenous Consultation. It was also noted in the March 20 email that the Ministry's Source Protection Programs Branch, Species at Risk Branch, Noise Review Unit, and Regional and District Offices had no additional comments. Comments were received from Ms. Archibald regarding	On May 27, 2020, Burnside provided the MECP's Ms. Archibald with the following documents, acting as a response to the Ministry's air quality review comments: • A memo that provides the MECP comments and describes the efforts taken to respond; and • An updated Landfill Expansion Emissions Summary and Dispersion Modelling Report, incorporating the changes discussed in the memo. This was followed by comments provided via email on June 12, 2020, from Ms. Archibald regarding Burnside's Memo and updated reporting. Burnside provided a response to Ms. Archibald's emailed comments on June 30, 2020, which was met by an updated set of comments received from Ms. Archibald on July 17, 2020. A response to this updated set of

Agency	Received Comment	Study Team Consultation Activity/Response
	the following additional subject areas on March 30, 2020: • Surface Water. • Resource Recovery Policy. Additionally, the March 30 email contained a memo and comment table resulting from the Project Officer review of the documentation.	reviewer's comments was provided to Ms. Archibald on August 12. A Memo in response to the Ministry's comments on the Hydrogeology Report was provided by Burnside to Ms. Archibald on July 7, which is to be included as an Appendix to the updated report. A Memo was prepared in response to the Ministry's surface water comments. This memorandum was provided by Burnside to Jenny Archibald on August 17, which is to be included as an Appendix to the updated Hydrogeological report. An email from Burnside was sent on September 24, 2020, to Ms. Archibald requesting additional information to respond to the Resource Recovery Policy Branch comments. The appropriate information was received from Ms. Archibald on October 20, 2020. Burnside developed an email response providing further detail on the assessment and reasoning for data used on November 23, 2020. This email, in addition to adding clarification in the EA

Agency	Received Comment	Study Team Consultation Activity/Response
		report, addresses the Ministry's comments.
Ministry of Natural Resources and Forestry	February 24, 2015 email from MNRF (Mr. Marriott), response to Notice of EA Commencement, indicating data sources and MNRF requirements. MNRF also recommended that Burnside contact Mr. Art Timmerman to obtain fisheries information, and to contact the local conservation authority and municipality for any additional information or data. March 5, 2015 email from MNRF (Mr. Marriott), recommending a meeting be scheduled to discuss the Aggregate Resource Act (ARA) License that applies to the landfill property. February 17 and 29, 2016 email from MNRF (Mr. Marriott) to Burnside, follow-up regarding the ARA License of the site.	February 29, 2016, Burnside responded informing MNRF that a request for the site visit was forwarded to the Town for implementation. Burnside responded in a March 6, 2016 email that such a meeting could be arranged but should wait until snow melted. Burnside and the Town engaged with St. Marys Cement (SMC) as holders of the ARA License. SMC reviewed aggregate resources on the Town lands and, in August 2016, determined that they will apply to remove the license from the Town lands.
Upper Thames Region Conservation Authority	On August 15, 2016 UTRCA sent an email with letter (dated September 7, 2016), provided Burnside with comments on the Draft Natural Heritage Assessment Report and also regarding the Draft Hydrogeological Assessment Report. General comment UTRCA currently preferred Alternative #3 (note a permit would be required from UTRCA for works proposed in Option #3). Additional information is required to assess potential impacts of the various alternatives on Natural	On September 7, 2016 Burnside responded by email with letter addressing comments from UTRCA. 1. Burnside commented that UTRCA's comment on Method #3 is correct that a UTRCA permit will be required to relocate the watercourse and will be documented in the EA. 2. Burnside noted that updates have been made to

Agency	Received Comment	Study Team Consultation Activity/Response
	Heritage. In addition to SWH information provided various areas / locations should be provided; list the two threatened species and one special concern species that will be directly impacted by alternative 2; explain why the shallow marsh / willow thicket swamp was not surveyed for amphibians; Include discussion about the likelihood of creating / enhancing areas where potential SWH for the species listed in point #1 (above) as potential mitigation measures; follow construction timing windows under the Migratory Birds Act; Ensure water quality monitoring includes both chemistry and benthic sampling. Monitoring should occur before the alternative is selected, and throughout the life of the landfill expansion. Given the fact that the site is adjacent to softshell habitat, we do not recommend alteration of the watercourse or the shoreline. MOECC is the official hydrogeologic review agency, UTRCA simply providing comments on this section given that our office has extensive information related to the St. Marys area given our involvement with Drinking Water Source Protection Studies.	Fig. 6-10; however, there were areas/ locations which were not mapped or updated. 3. The report has been updated to include confirmed and candidate habitat for a threatened species. 4. No amphibian calls were observed; therefore, these areas were not considered potential amphibian breeding habitat, and not included as survey station. 5. Given site is active landfill, any habitat creation/ enhancement activities may not be permanent. There are opportunities in preferred alternative method 3. 6. Appendix H has been revised to address comments. 7. Burnside staff spoke with UTRCA staff by phone to discuss comments. 8. Relocation of the watercourse for the preferred Method 3 will require restoration of existing habitats in the new location. We are therefore not concerned that alteration of the watercourse will have any long-term impacts to this species.

Agency	Received Comment	Study Team Consultation Activity/Response
		9. Burnside has accessed hydrogeological data available through UTRCA. (10) Burnside used both regional and local data to assess the site. 10. A response was sent to UTRCA on August 31, 2015 indicating that the comments will be distributed to the requested Study Team members and incorporated into the Work Plans where necessary. This was confirmed by Burnside on October 7, 2015 when an email to UTRCA confirmed that comments have been incorporated in the draft Hydrogeological Work Plan. Burnside also requested the provision of source protection data available as well as mapping on vulnerability and water budget. Alternatively, information on the best person to contact to obtain this data would be appreciated.

4.5 Indigenous Communities

As previously mentioned, Indigenous communities were consulted during the EA process. The Indigenous communities listed in Section 2.0 were contacted during the project milestones and consultation events indicated in Section 3.2.

From the (February 2015) NOCm, seven communities expressed an interest in the EA and requested they be kept informed. These included:

- Aamjiwnaang First Nation (formerly Chippewas of Sarnia First Nation);
- Caldwell First Nation;
- Chippewas of Kettle and Stony Point First Nation;
- Chippewas of the Thames First Nation;
- Haudenosaunee Development Institute;
- Six Nations of the Grand River; AND
- Walpole Island First Nation (Bkejwanong Territory).

4.5.1 Draft Ecological Work Plan and Site Visit

Burnside emailed interested Indigenous communities on April 24, 2015 to provide a copy of the Draft Ecological Work Plan for review. This same email invited representatives to participate in a Site Visit and observe field work to be conducted as part of the Ecological Work Plan. Two subsequent telephone contacts with these communities, and follow-up emails on June 18 and 22, 2015 solicited attendance.

A few Indigenous communities responded to the invitation to the Site Visit indicating possible attendance or an inability to confirm attendance. Ultimately, no representatives from these communities attended the Site Visit on June 23, 2015. Further, though it was noted that other opportunities for a Site Visit were available, none of the communities attempted to arrange a subsequent Site Visit.

4.5.2 Environmental Assessment Review Process Financial Assistance

Following the notice of proposed Site Visit (Section 4.5.1), Aamjiwnaang First Nation and Haudenosaunee Development Institute indicated that funding from the Town would be required to allow their participation. Recognizing that these communities and others may need financial assistance to undertake review of the Town's EA, the Town issued letters to the interested communities on August 20, 2015. Briefly, the letter indicated that the Town could not afford individual and repeating reviews financed by the Town. Instead, the Town suggested that a combined review process, jointly defined by the interested communities, could be developed.

4.5.3 Indigenous Community Communications

Only the Indigenous communities who responded to the proposed Site Visit (Section 4.5.1, including the Draft Ecological Work Plan for review) and the Review Process Invitation Letter (Section 4.5.2) are captured in both written and tabular (Table 2) format below.

Aamjiwnaang First Nation (formerly Chippewas of Sarnia First Nation)

In response to Burnside's Site Visit email, Aamjiwnaang First Nation provided updated contact details. Their email noted that they were interested in attending the Site Visit but that a fee would be required for monitors to attend. This led to subsequent email and ultimately the Town's invitation letter of August 20, 2015 (see Section 4.5.2).

On August 21, 2015, Burnside received an email from Ms. Wanda Meness explaining that she is CEO of Tri-Tribal Monitoring Services (TTMS), which contracts work for Aamjiwmnaang First Nation and asked if a bid from (TTMS) would be needed. The Town responded to the email on August 24, 2015 explaining the EA and that the correspondence provided was to update interested stakeholders on the project and to allow for feedback or comments. Further telephone and email clarification were provided by Burnside later that same day.

Caldwell First Nation

Correspondence was received from Ms. Carrie Ann Peters on behalf of Chief, Louise Hillier and Council in response to the NOCm emailed from Burnside on February 26, 2015. The Council indicating a desire to be notified when discussions begin and suggested that a meeting be arranged to discuss the project.

Ms. Peters emailed on March 18, 2015 to request information on the EA Study and to schedule a consultation meeting if necessary. Burnside responded on March 19, 2015 providing Ms. Peters with background information on the project and the purpose of the NOCm. Information as to what Phase 1 entails was also provided.

Caldwell First Nation did not respond to the offer to attend the Site Visit, nor to the Town's offer to support EA review.

Chippewas of Kettle and Stony Point First Nation

On September 28, 2015 the Town received correspondence in response to the Town's EA process participation letter dated August 20, 2015. The community indicated an interest in consultation and requested notification if the scope of the project changes and/or if amendments are made.

The Town responded on October 20, 2015 indicating that the community will be kept informed as the EA work advances. All Notices have been provided to this community in keeping with Section 3.2.

Chippewas of the Thames First Nation

In December 2013, shortly following the end of the TOR comment period, the Chippewas of the Thames First Nation (COTTFN) contacted the MOECC to indicate that they intended to review and may provide comment on the proposed TOR in January 2014. The Study Team responded that, while interested in hearing from all stakeholders, the proposed timing would conflict with the scheduled submission of the TOR for Ministry review and approval. The Study Team suggested that COTTFN comments could be considered following TOR approval as the EA progressed, and recorded as part of the EA Record of Consultation (i.e., this report).

A meeting was held with representatives of the COTTFN and members of the Study Team on February 4, 2014. Meeting notes are provided in Appendix H. The Appendix also provides record of the action items completed following this meeting, namely:

- Copies of emails supplying the recent Landfill Annual Monitoring Reports;
- Details of the site's history (provided in the Town's letter dated August 20, 2015); and
- A request to COTTFN to provide their consultation process details to the Town (also part of the Town's August 20, 2015 letter). COTTFN did not reply to the Study Team.

On August 20, 2015 the Town sent a letter with a twofold intention as follows. 1) to address the action items that came out of the February 2014 meeting, and 2) to invite COTTFN to participate in a comprehensive EA review.

The Town responded that, while interested in hearing from all stakeholders, the proposed timing would conflict with the scheduled submission of the TOR for Ministry review and approval. The Study Team suggested that COTTFN comments could be considered following TOR approval as the EA progressed, and recorded as part of the EA Record of Consultation. The Town indicating that they could not afford individual and repeating reviews financed by the Town. Instead, the Town suggested that a combined review process, jointly defined by the interested communities, could be developed.

Six Nations of the Grand River

Ms. Joanne Thomas emailed Burnside on June 25, 2015 explaining the absence of a representative from their community. She asked to be kept informed of the project moving forward. Burnside responded on June 26, 2015 confirming receipt of the correspondence, indicating that questions about the project could be submitted at any

time and assuring her that Six Nations Council would be kept informed as the project proceeded.

On September 21, 2015 the Town received a response letter acknowledging receipt of the Town's August 20, 2015 letter (per Section 4.5.2). The response provided information on the consultation policy and process of the Six Nations of the Grand River to which they are bound and obligated to use in discussions with any projects affecting their rights and interests. The letter provided links to policies, processes, land rights, and interests and it was requested that they be allowed to review the archaeological work once completed. The Town responded on October 20, 2015, to ensure that Six Nations would be kept informed of the EA work including the Archaeological and Cultural Heritage Work Plan reporting (as requested), and that other reports and opportunities for feedback would be provided.

Haudenosaunee Development Institute

On August 7, 2015 Burnside and the Town received correspondence from Ms. Tracey L. General (Admin Assistant) for the Haudenosaunee Development Institute (HDI) with an attached letter. The letter provided information on Haudenosaunee rights and interest in the area and indicated that the project will have a significant impact and infringement upon those rights and interests. The letter included comments on the process being undertaken by the Town and a request for a meeting. HDI's Application for Consideration and Engagement for Development was provided. The Town's letter of August 20, 2015 (Section 4.5.2) responded to HDI's comments and provided a completed Application (excluding fee).

Further correspondence was received from HDI on January 28, 2016, reiterating their request for a meeting to be held to discuss the EA project. A February 8, 2016 response letter from the Town (sent via email on February 9, 2016) suggested potential dates for a meeting with HDI. Through subsequent correspondence, a meeting was later scheduled for and then held on February 29, 2016.

On February 29, 2016 a meeting was held with members of HDI, representatives from the Town and Burnside Staff. During the meeting HDI indicated the need for the Town to follow HDI's application process, submitting an application form and paying the initial fee to allow for their review process. It was noted that the application information had been submitted but not the application fee. This was followed up with written correspondence from HDI to the Town on the same day.

On February 29, 2016 Aaron Detlor Barrister & Solicitor sent an email to Mr. Brent Kittmer and Dave Blake (cced to Mary Sandy, Brian Doolittle and Ms. Hazel Hill, thanking them for the meeting and indicating the proposed project will impair and interfere with the treaty rights of the HDI. He also stated that there had been no engagement with respect to the impairment and interference. He noted that they had

provided an HDI application and fee to review the project to ensure consent is obtained, however have not received either.

Communications with the MOECC were initiated as a result of the meeting with HDI and Burnside sent an email on March 2, 2016 requesting guidance on the consultation process with the Haudenosaunee. The MOECC responded on April 14, 2016, providing guidance on meaningful consultation and communication with HDI through the EA process. The letter indicated that payment of the fee was not required (also discussed in Section 4.2).

Following-up on the meeting and based on the advice provided by the MOECC, the Town replied June 13, 2016. The Town's letter to HDI indicated that, in the interest of good governance and fiscal responsibility, the Town would require a (review) Work Plan in order to negotiate funding of HDI's review. The Town reiterated that they would support reasonable costs in keeping with their August 2015 letter. There have been no further communications from HDI.

Table 2: Correspondence from Indigenous Communities

Community	Comment	Project Team Response
Aamjiwnaang First Nation	On April 24, 2015 Aamjiwnaang sent an email to Burnside, acknowledging receipt of Draft Ecological Work Plan for review and invitation for community representatives to participate in a site visit and observe the fieldwork, Aamjiwnaang First Nation expressed interest in observing this fieldwork and will send an environmental review representative, but noted that a fee would be required for monitors to attend, and inquired whether this was discussed with the Town or Burnside.	On June 22, 2015 Burnside responded to Aamjiwnaang by email and encouraged the community to participate on June 23, 2015. Burnside addressed the April 24, 2015 email and expressed that the Town is prepared to fund appropriate costs but does not have financial resources to fund several separate participation, review and comment efforts. Town is proposing that interested communities (list supplied by project Team) agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. Town is prepared to pay reasonable costs incurred to develop plans All Notices have been provided to this community in keeping with Section 3.2.
Caldwell First Nation	On February 26, 2015 Caldwell FN, sent an email correspondence from Ms. Carrie Ann Peters on behalf of Chief Louise Hillier and Council, acknowledging receipt of Burnside's February 26, 2015 email and requested to be notified when process begins and to possibly set up a meeting. As a follow-up on March 18, 2015 Ms. Peters	On March 19, 2015, Burnside responded providing background information on the project and the purpose of the NOCm and information as to what Phase 1 entails was also provided. All Notices have been provided to this

Community	Comment	Project Team Response
	emailed and requested on behalf of Chief, further information on the EA, and a consultation meeting.	community in keeping with Section 3.2. Caldwell First Nation did not respond to the offer to attend the site visit, nor to the Town's offer to support EA review.
Chippewas of Kettle and Stony Point FN	On September 28, 2015 Chippewas of Kettle and Stony Point FN sent a letter to the Town, in response to the Town's EA process participation letter dated August 20, 2015. The community noted that the Town project will impact on Traditional Territory. The community indicated an interest in consultation and requested notification if the scope of the project changes and/or if amendments are made.	On October 20, 2015, the Town responded indicating that the community will be kept informed as the EA work advances. All Notices have been provided to this community in keeping with Section 3.2.
Chippewas of the Thames First Nation (COTTFN)	In December 2013, shortly following the end of the Terms of Reference (TOR) comment period, the COTTFN contacted the MOECC to indicate that they intended to review and may provide comment on the proposed TOR in January 2014.	The Study Team suggested that COTTFN comments could be considered following TOR approval as the EA progressed, and recorded as part of the EA Record of Consultation (i.e., this report). A meeting was held with representatives of the COTTFN and members of the Study Team on February 4, 2014. Meeting notes are provided in Appendix H. The Appendix also provides record of the action items completed following this meeting, namely: that the Town would provide background history of the landfill site, including annual

Community	Comment	Project Team Response
		monitoring reports. A request was also made for the COTTFN to provide a copy of their traditional land use plan if possible. On August 20, 2015 the Town sent a letter with a twofold intention as follows. 1) to address the action items that came out of the February 2014 meeting, and 2) to invite COTTFN to participate in a comprehensive EA review. The Town indicating that they could not afford individual and repeating reviews financed by the Town. Instead, the Town suggested that a combined review process, jointly defined by the interested communities, could be developed.
Haudenosaunee Development Institute (HDI)	On August 7, 2015 Ms. Tracey L. General (Admin Assistant) sent a letter and an Application for Consideration and Engagement for Development to Burnside and the Town. The letter provided information on HDI rights and interest in the area and indicated that the Project will have a significant impact and infringement upon those rights and interests. Comments included discussion of the process being undertaken by the Town and a request for a meeting. On January 28, 2016, HDI sent further	On August 20, 2015, the Town responded to HDI's comments and provided a completed Application (excluding fee, noting that the Town is approximately 55 km (straight line distance, centre to centre) west of Waterloo. This moves the project well outside the area indicated on the Haudenosaunee Green Plan1 mapping.). Town of St. Marys is prepared to fund appropriate costs in this regard. The Town indicating that they could not afford individual and repeating reviews financed

Community	Comment	Project Team Response
	correspondence, requesting availability for a meeting to be held to discuss the EA project. On February 29, 2016, a letter was sent to Mr. Kittmer, Town of St. Marys, from HDI lawyer Aaron Detlor indicating that the project will impair and interfere with the treaty rights of the Haudenosaunee. HDI is requesting further consultation, noting that HDI's application has been received but the application fee has not.	by the Town. Instead, the Town suggested that a combined review process, jointly defined by the interested communities, could be developed. On February 9, 2016, the Town sent via email a letter. Dated, February 9, 2016 appreciated response to the dated August 20, 2015. In keeping with your response letter of January 28, 2016, the Town and Burnside, are available to discuss the Town's EA, including the current status of the Archaeological and Cultural Heritage Work Plan reporting. On February 11, 12 and 17th emails were exchanged to coordinate dates for the meeting, which subsequently occurred on February 29, 2016. On February 29, 2016, a meeting was held with members of HDI, representatives, the Town and Burnside. During the meeting HDI indicated the need for the Town to follow HDI's application process, submitting an application form and paying the initial fee to allow for their review process. It was noted that the application information had been submitted but not the

Community	Comment	Project Team Response
		application fee. This was followed up with an email from HDI to the Town on the same day. Communications with the MOECC were initiated as a result of the meeting with HDI and Burnside sent an email on March 2, 2016 requesting guidance on the consultation process with the HDI. The MOECC responded on April 14, 2016, providing guidance on meaningful consultation and communication with HDI through the EA process. Following-up on the meeting and based on the advice provided by the MOECC, the Town replied June 13, 2016. The Town's letter to HDI indicated that, in the interest of good governance and fiscal responsibility, the Town would require a (review) work plan in order to negotiate funding of HDI's review. The Town reiterated that they would support reasonable costs in keeping with their August 2015 letter. All Notices have been provided to this community in keeping with Section 3.2.

Community	Comment	Project Team Response
		There have been no further communications from HDI
Six Nations of the Grand River	Ms. Joanne Thomas emailed Burnside on June 25, 2015 to explain the absence of a representative from their community at Site Visit. She asked to be kept informed of the project moving forward. On September 21, 2015, the community sent a letter to the Town acknowledging receipt of the Town's August 20, 2015 letter (per Section 4.5.2). this project is within Six Nation's Treaty Lands. The response provided information on the consultation policy and process of the Six Nations of the Grand River to which they are bound and obligated to use in discussions with any projects affecting their rights and interests. The letter provided links to policies, processes, land rights, and interests and it was requested that they be allowed to review the archaeological work once completed.	Burnside responded on June 26, 2015 confirming receipt of the correspondence, indicating that questions about the project could be submitted at any time and assuring that Six Nations Council would be kept informed as the project proceeded. The Town responded on October 20, 2015, to ensure that Six Nations would be kept informed of the EA work including the Archaeological and Cultural Heritage Work Plan reporting (as requested), and that other reports and opportunities for feedback would be provided. All Notices have been provided to this community in keeping with Section 3.2.
Wapole Island	On June 18, 2015, Dean Jacob sent an email notifying Burnside that he will be unable to attend the site visit, however, will notify them if Jared Macbeth is available.	All Notices have been provided to this community in keeping with Section 3.2.

4.6 Utilities/Services

Bell Canada

Burnside received updated contact information on February 13, 2015 from Ms. Jenny Kendrick, Implementation Manager, and was informed that the agency is not interested in providing input regarding Study Area but would like to be kept informed. Burnside was directed to contact Ms. Kendrick via email if any conflicts were identified.

Union Gas

Burnside received updated contact information for this agency on August 4, 2015 via email correspondence. It was noted that the project would impact the London district more than the Hamilton district and contact information for the London district was provided. It was also confirmed via telephone communication that Burnside should send all future correspondence to Mr. Nick Jones.

On August 13, 2015 Burnside received an email from Mr. Jones requesting more detailed drawings of the proposed expansion and the provision of additional information regarding current landfill activities. Burnside responded on August 14, 2015 providing a description of the project and indicated when detailed plans would be available. Mr. Jones was directed to the Town's website for current landfill site operations. Burnside also requested for a more detailed description of the facilities in the area and an AutoCAD file with geographic positioning information. No such information was received.

Mr. Jones responded to the PIC #2 Notice on June 15, 2016 indicating that his response is the same as that provided in the summer of 2015. A general description of the station location was provided as well as some questions regarding operations and construction. Burnside provided the requested information on June 15, 2016 and confirmed that Union Gas Limited will be kept on the Project Contact List.

Hydro One Networks Incorporated

In March 2015 Burnside received feedback, via email, on the project from Hydro One representative. Follow-on emails and phone calls responded to Hydro One queries on the scope of the potential landfill expansion. Out of this, Hydro One noted concern that blown litter might contact the St. Marys Cement (customer) transformer facility. Burnside agreed to consider this possibility during the assessment of the Alternative Methods of landfill expansion (Phase 5). Note that blown litter, consisting primarily of film plastics, has been well controlled by the Town’s existing operating procedures. These operating procedures are expected to continue to include measures to prevent blown litter, and if necessary, pick-up any litter before it leaves the landfill property. While all Methods of

expansion are considered similar for the possibility of blown litter, future expansion operations are expected to be similarly well controlled.

On July 29, 2015, Burnside received an email with updated contact information for Hydro One.

Ontario Power Generation

Burnside received correspondence from Ms. Susan Rapin, Director, Environment Services, in response to the Notice of PIC #1 in which she indicated that email notification was the preferred method of communication. Subsequent Notices were sent via email.

Festival Hydro

Burnside received a completed NOCm Response Form from Mr. Doug Eckel on February 23, 2015 with the option to 'remove from Project Contact List'.

Enbridge Pipelines Limited

Mr. Chris Pincombe emailed Burnside on August 7, 2015 indicating that upon review of the application the company has no comment or concerns. A second email was provided in response to communication from Burnside on the same day, requesting removal from the Project Contact List.

Zayo (formerly MTS Allstream)

On July 29, 2015 Burnside received correspondence indicating that the request for review and markup would be processed in 15 business days. Emails were received on July 30, 2015 and June 15, 2016 from Mr. Ian Fleming stating that Allstream has no existing plant in the area therefore no markup and no objection. The June 15, 2016 email included a request for cessation of all further communications unless the area to be developed changes and has potential to impact facilities along the CN Railway. On June 17, 2016 Burnside received email correspondence from Utility Circulations stating that Allstream is now called Zayo and that all submissions in the future should be sent to Utility.Circulations@Zayo.com. Burnside was also informed to cease notifications as long as the extents of the area remain unchanged.

Perth District Health Unit

Burnside received contact information and completed NOCm Response Form on February 26, 2015. A preference for email communication was indicated as well as a comment that the Ministry of Health and Long-Term Care should be kept informed of progress of the project. On August 12, 2015, an email was received from the Perth

District Health Unit stating that they would like to be added to the Project Contact List via email or post with updated contact information.

Note that the Ministry of Health and Long-Term Care was notified by the Study Team as indicated in Section 4.2.

4.7 Landowners/Interested Stakeholders

St. Marys Cement

Communications with St. Marys Cement (SMC) occurred on September 10, 2015 with an email from Burnside explaining the project and requesting updated contact information and assistance with the collection of hydrogeological data. SMC responded on September 10, 2015 providing updated contact information and referral to a study completed in 2011/2012.

Further communications occurred between the Environmental Coordinator for SMC and Study Team members throughout the months of November and December 2015. These communications facilitated the exchange of information regarding current operations at the active Thomas Street Quarry, as well as the site plans (dated 2011) for this location. Information on future plans for the SMC plant and quarries were obtained. It was noted that SMC have no current plans for future dewatering locations and that their dewatering well closest to the landfill is currently not in use. SMC has a mining plan for the Thomas Street Quarry (this quarry is on the opposite side of the Thames River from the landfill). SMC indicated that they may be reviewing their licence and Site Plans in 2016.

The MNRF indicated during the TOR stage that the St. Marys landfill property remained licensed for aggregate extraction despite the transfer of the land from SMC to the Town. The Town initiated a process outside of the EA to complete or remove the aggregate license requirements from the Town property. SMC reviewed resources on the Town property and considered one area for its potential to provide clays needed in the manufacture of cement. The Study Team assisted SMC by providing the draft Hydrogeological Assessment Report, the draft Natural Heritage Assessment Report, and soil sample materials collected in the area of interest during the hydrogeological field assessment. In September 2016 SMC informed the Town that it had applied to the MNRF to remove the Aggregate Resources Act license from the Town's property. The Town will continue to work with SMC, outside and separate from this EA process, to see the license removal completed.

Huron Perth District Catholic School Board

Burnside received correspondence on February 17, 2014 via email from
Ms. Denise DeJong indicating no comments with a request to be kept informed of the

project and remain on the Project Contact List. A letter was received from the School Board on June 14, 2016 indicating no concerns with the EA.

Interested Landowners

On June 23, 2016, Landowners Mr. and Mrs. Bill and Lynn Carr listed their concerns on the public Comment Sheet made available to attendees of PIC #2. Their concerns were addressed in written correspondence dated July 12, 2016. These communications can be reviewed in the PIC #2 Summary Report (Appendix C).

On June 14, 2016, landowners Mr. and Mrs. Dan and Kristine McCurdy responded to the Notice of PIC #2 confirming their attendance and requesting a clearer map than the one shown on the Notice. The next day, the Town provided web links and additional background information in a reply email. The McCurdy's attended PIC #2 and verbally disclosed their concerns at the event. These were all addressed via written correspondence dated July 12, 2016. These communications can be reviewed in the PIC #2 Summary Report (Appendix C).

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix A
Notice of Approval of the TOR and Commencement of the EA

TERMS OF REFERENCE - NOTICE OF APPROVAL

ENVIRONMENTAL ASSESSMENT ACT

SUBSECTION 6(4)

APPROVAL OF TERMS OF REFERENCE

FOR

THE PREPARATION OF AN ENVIRONMENTAL ASSESSMENT

RE: Proponent: Town of St. Marys

Undertaking: Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment

EAIMS No.: 09212

As provided for by subsection 6(4) of the Environmental Assessment Act, the Terms of Reference, as submitted for approval to the Ministry of the Environment and Climate Change on January 13, 2014 to govern the preparation of an environmental assessment for the above-noted undertaking, is hereby approved with the following amendment:

1. The Terms of Reference shall be amended to include as part of the Terms of Reference the errata letter submitted to the Ministry of the Environment and Climate Change, and dated February 25, 2014. The errata letter shall form part of the Terms of Reference.

Pursuant to subsection 6.1(1) of the Environmental Assessment Act, any environmental assessment for the above-noted undertaking, submitted to the Ministry of the Environment and Climate Change pursuant to subsection 6.2(1) of the Environmental Assessment Act, must be prepared in accordance with the amended Terms of Reference as hereby approved.

Reasons:

I am satisfied that an environmental assessment prepared in accordance with the amended Terms of Reference will be consistent with the purpose of the Environmental Assessment Act and the public interest for the following reasons:

1. The amended Terms of Reference ensures that the environmental assessment will be completed using a public, Aboriginal and government agency consultation process that is open and transparent;

2. The amended Terms of Reference ensures that the completed environmental assessment will contain a sufficient level of detail to accurately assess the environmental effects of a reasonable range of alternatives and the proposed undertaking;

3. The amended Terms of Reference sets out a planning process that will ensure the completed environmental assessment will be consistent with the purpose of the Environmental Assessment Act and the public interest; and,

4. All issues and concerns raised have adequately been addressed in the amended Terms of Reference or can be addressed during the preparation of the environmental assessment.

Dated the 29th day of December, 2014 at TORONTO.

Minister of the Environment and Climate Change
77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, Ontario
M7A 2T5

ST. MARYS

BURNSIDE

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

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option for the Town.

The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town is reviewing options to manage solid waste over the next 40 years. Options include 1) closing the existing landfill and transporting waste to another disposal facility outside of the Town, or 2) expanding the existing landfill.

The Process

The first step in the EA process was the preparation of Terms of Reference (TOR), setting out the parameters of the study. In December 2014, the Ministry of Environment and Climate Change approved the TOR for the St. Mary's Future Solid Waste Disposal Needs EA. The full TOR is available for download on the Town's website: http://www.townofstmarys.com/waste-management.aspx#Special_Projects. A paper copy of the TOR may also be reviewed at the following locations:

- Town Hall: 175 Queen Street East, St. Marys, ON N4X 1B6
- Municipal Operations Centre: 408 James St. S., St. Marys, ON N4X 1B6

The next step is to complete the environmental assessment. This study will be carried out according to the approved TOR and the requirements of the Environmental Assessment Act. Results from this study will be documented in an environmental assessment report, which will be submitted to the Ministry of the Environment and Climate Change for review. At that time, the public, Aboriginal communities and other interested persons will be informed when and where the environmental assessment can be reviewed.

Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the study. Public Information Centres will be held during the EA process and will be advertised on the Town's website, in the St. Marys Journal Argus and the St. Marys Independent, as well as through direct communications with local landowners, Aboriginal communities, and review and utility agencies.

If you would like to be added to the project mailing list or have project-related questions, 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
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 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.

First Published on 9-Feb-2015

Healthy Living Fair a one-stop sho

STEW SLATER
sslater@stmarys.com

During previous editions of the annual Friendship Centre/Pyramid Centre health fair, organizers have learned that some visitors stay for hours — taking in sit-down presentations, participating in more active exercise sessions, mixing and mingling in the exhibitors' area, and grabbing a bite to eat or drink.

Organizers have also learned, however, that some people only set aside a small part of their day to experience the event — taking place this year on Friday, Feb. 27 from 9 a.m. to 3 p.m.

With those busy folks in mind, a new feature has been introduced for 1 p.m. on Feb. 27: the "Vendor Blitz," during which trade show exhibitors are provided just a couple of minutes to introduce their service or produ ing" atte

Andre runs the ment Pr services Care Ac district, to the "b

"I'm h discussi the pre over an out mo has bee tor and Friendsl

Volunte ness sess these (o

PYRA

Ma

More The F cepts d of Feb. debit, V Friendsl port Ser

Celtic Mark ing at Wednes Supper. clude a ner an and ent Call 51 ticket.

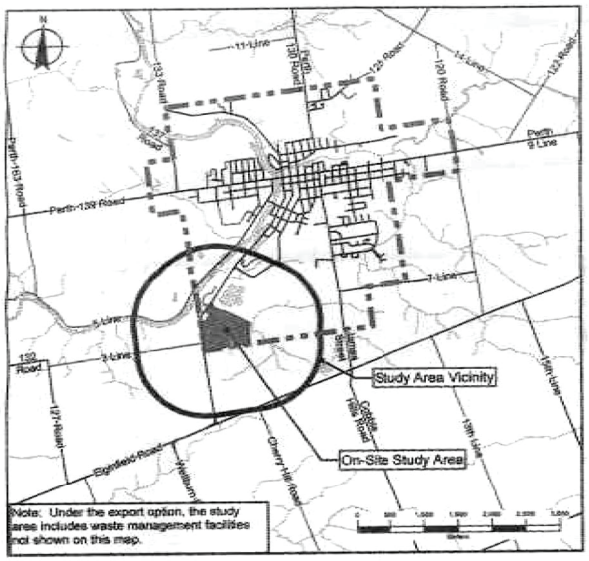
Men' Starti day of (follow — hint men's h tious lu $6.50.

ONTARIO CANADA
ST. MARYS

BURNSIDE

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

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option for the Town.
The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town is reviewing options to manage solid waste over the next 40 years. Options include 1) closing the existing landfill and transporting waste to another disposal facility outside of the Town, or 2) expanding the existing landfill.



The Process

The first step in the EA process was the preparation of Terms of Reference (TOR), setting out the parameters of the study. In December 2014, the Ministry of Environment and Climate Change approved the TOR for the St. Mary's Future Solid Waste Disposal Needs EA. The full TOR is available for download on the Town's website: http://www.townofstmarys.com/waste-management.aspx#Special_Projects. A paper copy of the TOR may also be reviewed at the following locations:

- Town Hall: 175 Queen Street East, St. Marys, ON N4X 1B6
- Municipal Operations Centre: 408 James St. S., St. Marys, ON N4X 1B6

The next step is to complete the environmental assessment. This study will be carried out according to the approved TOR and the requirements of the Environmental Assessment Act. Results from this study will be documented in an environmental assessment report, which will be submitted to the Ministry of the Environment and Climate Change for review. At that time, the public, Aboriginal communities and other interested persons will be informed when and where the environmental assessment can be reviewed.

Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the study. Public Information Centres will be held during the EA process and will be advertised on the Town's website, in the St. Marys Journal Argus and the St. Marys Independent, as well as through direct communications with local landowners, Aboriginal communities, and review and utility agencies.

If you would like to be added to the project mailing list or have project-related questions, 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
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 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.
First Published on 9-Feb-2015

ST. MARYS JOURNAL ARGUS • WEDNESDAY, FEBRUARY 18, 2015
ST. MARYS JOURNAL ARGUS

February 9, 2015

«Title» «First_Name» «Last_Name»
«Position»
«AgencyOrganization_»
«Address_1»
«Address_2»
«City», «Province» «Postal_Code»

Re: Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs, Town of St. Marys
File No.: 300032339.0000

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) for the identification and selection of a preferred solid waste disposal option – please see the enclosed Notice of Environmental Assessment Commencement showing the site location and approximate extent of the Study Area.

Please complete the Response Form on the back of this page by 13-Mar-2015 to assist us in understanding your organization/agency's potential involvement with this project. Specifically, we are seeking information on:

- Policies, positions or guidelines implemented or administered by your agency that may affect the waste management option selected.
- Background information pertinent to the environmental inventory of the Study Area.
- Any preliminary comments or concerns that your agency has on the proposed project.
- Other projects proposed within or near the Study Area.

You may also contact either of the study team representatives:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
Tel: 519-284-2340
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
Tel: 289-545-1051
Email: St.Marys.Waste.EA@rjburnside.com

All interested stakeholders will be kept up-to-date on project status by means of future mailings, or inclusion in project meetings, as deemed appropriate.

Your participation in this EA study is much appreciated.

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)

Name: «Title» «First_Name» «Last_Name»

Title: «Position»

Organization or Agency: «AgencyOrganization_»

Address 1: «Address_1»

Address 2: «Address_2»

City, Prov. & Postal Code: «City», «Province» «Postal_Code»

Phone:

Fax:

E-Mail: ☐ Prefer email communication

Area of interest or concern/preliminary comments:

Please check below if applicable:

☐ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

February 2015 Notice of Commencement of EA Mailing List

Agency/Organization	Title	First Name	Last Name	Position	Telephone	Fax	Contact Notes
Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Department of Fisheries and Oceans Canada							This is now a self-assessment process. Contact with DFO only necessary if determined through self-checklist that review from DFO necessary.
Environment Canada - Ontario Region	Mr.	Rob	Dobos	Manager, Environmental Assessment Section	(905) 336-4953	(905) 336-8901	Electronic (CD) version of EA preferred
Transport Canada - Ontario Region (PHE)	Mr.	David	Zeit	Senior Environmental Officer	416-952-0491	(416) 952-0514	Contact updated February 2015 as per October 2014 GRT List
Aboriginal Affairs and Northern Development Canada - Consultation and Accommodation Unit (CAU) Ontario Office							Email only ; **contact only once then remove from contact list**
Aboriginal Affairs and Northern Development Canada - Environmental Assessment Coordination, Environment Unit, Lands and Trusts Services							Email only; send legal description of property, location map AND description of project; Email updated April 2013 as per Niska Road NOC mailing list. AG updated screening criteria based off of conversation with Allison Berman (AANDC) May 10, 2013 in regards to appropriate time to contact AANDC EA Coordination Unit.
Canadian Environmental Assessment Agency - Ontario Region	Ms.	Anjala	Puvananathan	Ontario Region Director	(416) 952-1576	(416) 952-1573	
Department of Fisheries and Oceans Canada - Fish Habitat Management	Ms.	Sara	Eddy	Senior Habitat Biologist, Ontario-Great Lakes Area	(905) 336-4535	(905) 336-6286	Screening criteria updated May 28, 2013 by AG as per GRT Master Distribution List
Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	(416) 345-5114	(416) 345-5443	Send 2 hard copies of EA or 1 hard copy if download available
Ministry of Agriculture, Food and Rural Affairs- West-Central Region	Ms.	Carol	Neumann	Rural Planner	(519) 846-3393	(519) 846-8178	Send 1 copy of EA

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Ministry of Infrastructure, Growth Policy, Planning and Analysis Branch	Mr.	Peter	Reed	Manager Land Use Planning	416-326-0904	416-327-4194	Contact added February 2015 as per screening criteria on October 2014 GRT list.
Ontario Growth Secretariat	Mr.	Charles	O'Hara	Manager (A), Growth Policy	(416) 325-5794	(416) 325-7403	Screening criteria updated May 28, 2013 by AG as per GRT Master Distribution List. Charles added to replace Andrew (previously IO Ontario Growth Secretariat) on February 2015 as per October 2014 GRT list
Ministry of Municipal Affairs and Housing- Western Municipal Service Office	Mr.	Bruce	Curtis	Manager, Community Planning and Development	(519) 873-4026	(519) 873-4018	Contact manager to determine if planner should be contacted; send 1 hard copy of EA
Ministry of Natural Resources and Forestry- Guelph (Southern Region)	Mr.	David Mike	Marriot Stone	District Planner (A)	District Office: (519) 826-4955; (519) 826-4912; (519) 826-4929 (David Marriott)	(519) 826-4929	Multiple contacts per district; email should be placed to all people of this position at time of agency list preparation and name confirmed; send 2 hard copies once contact confirmed
Ministry of Tourism, Culture and Sport, Culture Services Unit	Ms.	Laura	Hatcher	Acting Team Lead, Heritage and Land Use Planning, Culture Services Unit	(416) 314-7137	(416) 314-7175	Paula Kulpa added May 13, 2013 by AG, as per email received from Joseph Muller May 3, 2013 indicating that team lead (Paula Kulpa) to be contacted for new projects. Email preferred. Laura Hatcher added as acting team leader. Continue to contact until referred back to Paula
Ministry of Tourism, Culture and Sport, Culture Services Unit	Mr.	Chris	Stack	Manager West Region Office	519 650-3421	519 650-3425	Added to contact list February 2015 as per October 2014 GRT list .
Ontario Power Generation	Ms.	Susan	Rapin	Director, Environment Services	(416) 592-6399		Prefers email notifications
Ministry of Aboriginal Affairs - Policy and Relationships Branch							Email in addition to AANDC; separate contact
Infrastructure Ontario	Mr.	Keith	Noronha	Environmental Management, Team Assistant	(416) 327-2755		Email only
Hydro One Inc.	Mr.	Tony	Ierullo	Manager	(416) 345-5213	(416) 345-5395	
Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	(416) 345-5114	(416) 345-5443	Send 2 hard copies of EA or 1 hard copy if download available

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Ministry of Environment and Climate Change - Environmental Assessment and Approvals Branch							E-mail Notice of Completion only.
Ministry of the Environment and Climate Change - Environmental Approvals Branch	Mr.	Wesley	Wright	Project Officer			
Ministry of the Environment and Climate Change - London Regional and Distict Office, Southwestern Region				Environmental Resource Planner and Environmental Assessment Coordinator	Toll free number from area code 519: 1-800-265-7672 (519) 873-5000	(519) 873-5020	
Ministry of the Environment and Climate Change - Southwestern Region	Mr.	Bill	Armstrong	Environmental Resource Planner and Environmental Assessment Coordinator	Toll free number for area code 519: 1-800-265-7672; (519) 873-5000	(519) 873-5020	Multiple contacts per Region; email should be placed to all people of this position as listed on Info GO at time of agency list preparation and name confirmed. Contact added January 2015 as per Master Contact list screening criteria
Ministry of Transportation West Region	Ms.	Jennifer	Graham Harkness	Manager- Engineering Office	(519) 873-4373	(519) 873-4388	Send 2 hard copies of EA. Contact changed February 2015 as per October 2014 GRT list
Ontario Provincial Office Operations Policy and Strategic Planning Bureau	Ms.	Paula	Brown		(705) 329-6903	705-329-7596	Prefers to download EA or electronic copy
Ministry of Health and Long-Term Care	Mr.	Tony	Amalfa	Manager, Environmental Health Policy and Programs	(416) 327-7634	(416) 327-0984	
The Corporation of the Town of St. Marys	Mr.	David	Blake	Environmental Coordinator	519-284-2340 Ext. 20	519-284-0902	
Township of Perth South	Ms	Lizet	Scott	Clerk	519-271-0619 ext. 22	519-271-0647	
Perth County	Ms.	Jillene	Bellchamber-Glazier	County Clerk	519-271-0531 ext. 120	519-271-2723	
Caldwell First Nation	Chief	Louise	Hillier	Chief	(519) 678-3831	(519) 322-1533	
Caldwell First Nation	Ms.	Carrie Anne	Peters		(519) 678-3831	(519) 322-1533	
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Chief	Chris	Plain	Chief	(519) 336-8410	336-0382	
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Ms.	Sharilyn	Johnston				

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Mr.	Wilson	Plain Jr.				
Chippewas of Kettle and Stony Point FN	Chief	Thomas	Bressette	Chief	(519) 786-2125	(519) 786-2108	
Chippewas of Kettle and Stony Point FN	Ms.	Suzanne	Bressette	Communications Relations Officer	(519) 786-2125 ext. 115		
Chippewas of the Thames First Nation	Chief	Robert, 'Joe'	Miskokomon	Chief	(519) 289-5555	(519) 289-2230	
Chippewas of the Thames First Nation	Ms.	Rolanda	Elijah	Director of Lands and Environment Department	(519) 289-2662 ext. 209		
Chippewas of the Thames First Nation	Ms.	Fallon	Burch	Consultation Coordinator	(519) 289-2662 ext. 213		
Delaware Nation (Moravian of the Thames)	Chief	Greg	Peters	Chief	(519) 692-3936	(519) 692-5522	
Delaware Nation (Moravian of the Thames)	Ms.	Tina	Jacobs	Lands and Resources Consultation Manager	(519) 692-4920		
Delaware Nation (Moravian of the Thames)	Mr.	Justin	Logan	Lands and Resources Consultation Assistant	(519) 692-4920		
Haudenosaunee Development Institute	Ms.	Hazel	Hill	Interim Director, Six Nations of the Grand River Territory	(519) 445-4222, 755-2769	(519) 445-2389	
Mississaugas of New Credit First Nation	Ms.	Margaret	Salt	Director of Lands, Resources and Management	(905) 768-7632	(519) 768-1225	Send correspondance to Chief and Margaret Salt, CC Carolyn King
Mississaugas of the New Credit First Nation	Chief	Bryan	LaForme	Chief	(905) 768-1133	(519) 768-1225	Send correspondance to Chief and Margaret Salt, CC Carolyn King
Mississaugas of the New Credit First Nation	Ms.	Carolyn	King	Geomatics Environmental Technician	(905) 768-7632	(519) 768-1225	Send correspondance to Chief and Margaret Salt, CC Carolyn King
Munsee-Delaware First Nation	Chief	Roger	Thomas	Chief	(519) 289-5396	(519) 289-5156	
Munsee-Delaware First Nation	Mr.	Dan	Miskokoman	Band Manager			Roger Thomas main contact,send Dan correspondence as second contact
Oneida of the Thames First Nation	Chief	Joel	Abram	Chief	(519) 652-3244	(519) 652-2930	
Six Nations of the Grand River	Chief	William K.	Montour		(519) 445-2201	(519) 445-4208	Email correspondence to chief and Joanne, CC Caron Smith

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Six Nations of the Grand River	Ms.	Caron	Smith				Email correspondence to chief and Joanne, CC Caron Smith
Six Nations of the Grand River	Ms.	Joanne	Thomas	Consultation Point Person			Email correspondence to chief and Joanne, CC Caron Smith
Walpole Island First Nation (Bkejwanong Territory)	Chief	Burton	Kewayosh Jr.	Chief	(519) 627-1481	(519) 627-0440	
Walpole Island First Nation (Bkejwanong Territory)	Mr.	Dean	Jacobs	Consultation Manager	(519) 627-1475		
Walpole Island First Nation (Bkejwanong Territory)	Mr.	Jared	Macbeth	Consultation Manager	(519) 627-1475		
Windsor Essex Metis Council	Mr.	Andrew	Good	President	(519) 300- 6008 (cell); (519) 962-5300	(519) 974-3739	
Metis Nation of Ontario	Mr.	James	Wagar	Manager of Natural Resources	(416) 977-9881 ext. 1	(416) 977-9911	Address and website updated November 19, 2013 as per delivery failure from Purolator and online contact search by Jamie Hollingsworth
Metis Nation of Ontario	Mr.	Gary	Lipinksi		(613) 798-1488	(613) 722-4225	
Association of Iroquois and Allied Indians	Ms.	Denise	Stonefish	Deputy Grand Chief	(519) 434-2671	(519) 679-1654	
Bell Canada, Municipal Operations Centre	Mr.	John	Lachapelle				
Enbridge Gas Distribution Inc.	Mr.	Vince	Cina	Supervisor, Planning and Design			
MTS – Allstream					(416) 649-7527		D.Evans updated email November 1, 2013 as per correspondence from 300033597. Requested that all future correspondence be sent via email.
Rogers Communications	Ms.	Marian	Wright	Planning Coordinator	(905) 897-3914; (888) 764-3771		
Union Gas Limited	Ms.	Lindsay	Robinson	District Engineer	(519) 352-3100		
Bell Canada	Ms.	Wendy	Lefebvre	Design Manager, Access Network	(905) 219-4558	(416) 701-6489	
Bell Canada	Mr.	Scott	Moon	Implementation Department	(905) 219-4558	(416) 701-6489	
Festival Hydro	Ms.	Kathy	Pearson	Engineering	(519) 271 4700 ext. 2	(519) 271 7204	

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Rogers Business Solutions	Mr.	Tony	Basson	Director of Environment and Sustainability	(416) 935-3140		
Enbridge Pipelines Ltd.	Ms.	Ann	Newman	Crossing Co-ordinator			
Trans Canada Corporation-Lehman and Associates Office (Ontario)	Ms.	Darlene	Presley	EA contact	(705) 627-2302		
Trans-Northern Pipelines Inc.	Mr.	Satish	Korpal	Coordinator, Crossings and Facilities	(905) 770-3353 ext. 2	(905) 770-8675	
Hydro One Real Estate Management	Ms.	Joan	Zhao		(905) 946-6230		Contact added to list as per correspondence between Jamie Hollingsworth and Cyrus Elmpak-Mackie from Hydro One on November 19, 2013.
Perth District Health Unit	Dr.	Miriam	Klassen	Medical Officer of Health & Chief Executive Officer	(519) 271-7600	(519) 271-2195	
Upper Thames Region Conservation Authority	Ms.	Tracy	Annett	Planner	(519) 451-2800	(519) 451-1188	Contact agency to determine appropriate contact for specific project; send 1 hard copy of EA
St. Marys Fire Department	Mr.	Dennis	Brownlee	Fire Chief	Tel: 519-284-1752	Fax: 519-284-1751	Send 1 hard copy of EA
County of Perth Ambulance	Mr.	Cliff	Eggleton	EMS Deputy Chief/ Operations Manager	(519) 273-7382 ext. 224		
Heritage St. Marys	Mr.	Larry	Pfaff	Co-Chairperson			c/o Trisha McKibbin, Manager of Cultural Services
Heritage St. Marys; St. Mary's Museum	Ms.	Jan	Mustard	Co-Chairperson	Tel: 519-284-3556	519-284-3881	Also number for St. Mary's Museum added February 2015 by AG as per call to confirm contact details
Middlesex (London) OPP Dispatch	Mr.	Steve	Porter	Inspector	519-681-0300	519-680-2649	
Avon Maitland District School Board				Planner	(519) 527-0111 or 1-800-592-5437	(519) 527-0222	
Huron Perth District Catholic School Board				Planner	(519) 345-2440	(519) 345-2449	
Conseil scolaire Viamonde				Planner	(416) 614-0844	(416) 397-2012	Send 1 hard copy of EA to appropriate school board
Conseil scolaire de district des écoles catholiques du Sud-Ouest					(519) 948-9227	(519) 948-1091	Send 1 hard copy of EA to appropriate school board

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer	(819) 953-2238	(819) 953-8353	
Canadian Pacific Railway- Pension Real Estate/ Land Management Office							Contact not confirmed but left on list (potentially CRA list from years ago?). Could not find contact online to check if up to date
CN Rail	Mr.	Stefan	Linder	Works Design and Construction	(905) 669-3264	(905) 760-3406	Send 1 hard copy of EA
							Email only contact
							Reference only
						Red text	Outdated contact information
						Green text	Updated contact information

Agency/Organization	Owner 1 Title	Owner 1 First Name	Owner 1 Last Name	Owner 2 Title	Owner 2 First Name	Owner 2 Last Name	Mailing Address 1	Mailing Address 2	City	Province	Postal Code
	MS.	ANGELA HELEN	BAFFES	MR.	JOHANNES ADRIANUS	SMIT	1642 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	Ms.	ANNA MARIA C	WIEGGERS					RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	BRIAN KEITH	CHRISTIE	MS.	EVELYN ROSE	CASSAR	1670 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MS.	CHRISTINE GERTRUDE	WEESSIES	MS.	KELLY-LYNN	BATTEN	4468 LINE 3	RR 3	ST MARYS	ON	N4X 1C6
	MR.	CHRISTOPHER JOHN	GRENDA	MS.	TRACEY LYNN	MUIR	1602 PERTH RD 123	PO BOX 1	ST MARYS	ON	N4X 1C4
	MR.	DANIEL WAYNE	MCCURDY	MS.	KRISTENE ANNE	MCCURDY	1764 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
RIORDAN ARTHUR D ESTATE	MR.	DAVID	RIORDAN				BOX 2813		ST MARYS	ON	N4X 1A5
	MR.	DAVID IAN	FLETCHER		ANTONIETTA	FLETCHER	180 ROSEBOROUGH DR		PORT PERRY	ON	L9L 2E3
	MR.	DAVID ROY	CARLBERG	MS.	MARLENE FERN		1738 PERTH RD 123		ST MARYS	ON	N4X 1C6
	MR.	DELMER GERALD	THOMPSON					BOX 1713	ST MARYS	ON	N4X 1C1
	MR.	DOUGLAS BRUCE	RODWELL	MS.	CATHERINE ANNE	RODWELL	1726 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	ERNEST WILLIAM	POWELL	MS.	AMY	POWELL	1720 ROAD 123	RR 3	ST MARYS	ON	N4X 1C6
	MR.	GLENN WILBUR	BRADLEY	MS.	MARGARET JEAN	BRADLEY	4642 LINE 3	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MS.	GLORIA YVONNE	FOSTER	MR.	CLARENCE ALLEN	FOSTER	1668 ROAD 123	RR 3	ST MARYS	ON	N4X 1C6
	MR.	JACOBUS JOHANNES	VAN NES	MS.	TERESA MARIE	VAN NES	3516 RD 119	RR 2 STN MAIN	STRATFORD	ON	N5A 6S3
	MR.	JEREMIAH JACKSON	CLOSE	MS.	CASSIE LEE	KIPFER	4469 LINE 3	RR 3	ST MARYS	ON	N4X 1C6
	MR.	JOHN ALAN	WITT		CHARLENE BEVERLY	WITT	1296 O'LOANE AVE		STRATFORD	ON	N5A 6S6
499 JAMES ST. STM INC.	MR.	JOHN HUGH	REID				1136 CENTRE STREET	SUITE 235	THORNHILL	ON	L4J 3M8
	MR.	KNOWLSON BROCK	HUESTON	MS.	BONNIE BELLE	HUESTON	4546 LINE 3	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
ST MARYS CEMENT INC (CANADA)	MS.	LISA	BALDI				ATTN LISA BALDI EXECUTIVE ASSISTANT	55 INDUSTRIAL ST	TORONTO	ON	M4G 3W9
	MS.	LYNN MARIE	CARR	MR.	WILLIAM JOHN	CARR	1628 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MS.	MARY LYNN	MUMBERSON	MR.	DANIEL CHARLES	MILLER	1748 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	MICHAEL A	GROVER	MS.	PHYLLIS ELAINE	GROVER	4457 LINE 3	RR 3	ST MARYS	ON	N4X 1C6
	MR.	NEIL JOSEPH	PRIMEAU	MS.	ELAINE RACHEL	PRIMEAU	PO BOX 2437	NULL	ST MARYS	ON	N4X 1A3
	MR.	RAKESH	MISTRY		ERIN LEIGH	MISTRY	1678 PERTH RD 123	RR 3	ST MARYS	ON	N4X 1C6
	MR.	RANDY CLAYTON	PARTRIDGE	MS.	WENDY LOUISE	PARTRIDGE	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	RR 5	ST MARYS	ON	N4X 1C6
	MR.	RICHARD JAMES	BLACKLOCK	MS.	CANDICE LOUISE	BLACKLOCK	1730 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	ROBERT MITCHELL	PASSMORE	MS.	CAROL ANN	PASSMORE	4495 LINE 3	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	ROLAND LLOYD	PENNER	MS.	DORIS INGA	PENNER	1652 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	Ms.	ROSEMARY KATHERINE	REID				PO BOX 512 STN MAIN		ST MARYS	ON	N4X 1B3
		SUNOVA FARMS INC	SUNOVA FARMS INC				17690 ELGINFIELD RD	RR 3	LAKESIDE	ON	N0M 2G0
	MS.	TAMMY BARBARA	MCCURDY		JASON REGINALD	MCCURDY	1760 PERTH RD 123	RR 3	ST MARYS	ON	N4X 1C6
NUTRECO CANADA INC	MR.	TOM	WARREN				RR 4	600 JAMES ST S	ST MARYS	ON	N4X 1C7
	MR.	WILLIAM DOUGLAS	HEARD	MS.	AUDREY EILEEN	HEARD	PO BOX 1592 STN MAIN		ST MARYS	ON	N4X 1B9
	MR.	WILLIAM FRANKLIN	KING	MS.	JULIE ANN	KING	1740 PERTH ROAD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
	MR.	ZORA	RIORDAN				1774 PERTH RD 123	RR 3 STN MAIN	ST MARYS	ON	N4X 1C6
1/2 CENTURY HOLDINGS INC			1/2 CENTURY HOLDINGS INC				PO BOX 789 STN MAIN	NULL	ST MARYS	ON	N4X 1B5
CANADIAN NATIONAL RAILWAY - CN REAL ESTATE MANAGEMENT							ATTN: MANAGER PROPERTY TAX	277 FRONT ST W	TORONTO	ON	M5V 2X7
CANADIAN NATIONAL RAILWAY CO							ATT SUPERVISOR CONTRACTS & TAX	1 ADMINISTRATION RD	CONCORD	ON	L4K 1B9
DR MICHAEL NIXON DENTISTRY								37 HERITAGE PLACE	ILDERTON	ON	N0M 2A0
KVC HOLDINGS, INC							C/O BOX 729		ST MARYS	ON	N4X 1B4
MAPLE LEAF FOODS INC							1922 JAMES ST	RR 4 STN MAIN	ST MARYS	ON	N4X 1C7
PERTH SOUTH TOWNSHIP							C/O MUNICIPAL CLERK	3191 RD 122	ST PAULS	ON	N0K 1V0
SHEPHERD GOURMET DAIRY(ONT)							38 ENTERPRISE DR	BOX 847	ST MARYS	ON	N4X 1B6
ST MARYS TOWN - LIND SPORTPLEX SWIMMING QUARRY							ATTN: MUNICIPAL CLERK	PO BOX 998 STN MAIN	ST MARYS	ON	N4X 1B6
ST MARYS TOWN CENTENNIAL PK							TAX OFFICE	PO BOX 998 STN MAIN	ST MARYS	ON	N4X 1B6
ST MARYS TOWN LANDFILL							175 QUEEN ST E	BOX 998	ST MARYS	ON	N4X 1B6
ST MARYS TOWN TENNIS CRTS NON SWIMMING QUARRY							TAX OFFICE	PO BOX 998 STN MAIN	ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FARM PROPERTY							JAMES ST S	BOX 998	ST MARYS	ON	N4X 1B6
ST MARYS TOWN-FORMER CNR							BOX 998	THAMES AVE	ST MARYS	ON	N4X 1B6
ST MARYS TOWN-VACANT LAND							478 WATER ST S	B0X 998	ST MARYS	ON	N4X 1B6
UNION GAS LIMITED							50 KEIL DR N	NULL	CHATHAM	ON	N7M 5M1

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B
Public Information Centre #1

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:

Tricia Radburn, M.Sc.(PI), MCIP, RPP
Senior Environmental Planner

Report Reviewed By:

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

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).

Table of Contents

1.0 Introduction 1
2.0 Method of Notification 1
3.0 Public Meeting Format 2
4.0 Participation Levels and Summary of Comments Received 2
5.0 Next Steps 6

Tables

Table 1: Verbal Comments Received and Study Team Response 2
Table 2: Written Comments Received 4

Appendices

Appendix A Notifications of PIC #1
Appendix B Display Boards
Appendix C PIC #1 Sign-In Sheet
Appendix D Newspaper Articles

Disclaimer

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

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.

Burnside makes no warranties, either express or implied, of merchantability and fitness of the documents and other instruments of service for any purpose other than that specified by the contract.

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.

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)	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. Further to the existing site monitoring, the draft *Hydrogeological Work Plan* will consider the likely impacts of *Alternative Methods* for the expansion of the landfill, helping to determine a preferred *Method*.

General Comment	Study Team Response
	Recommendations will be made for the preferred *Method* to minimize groundwater (and surface water) impacts.
2. Concerned with dust from site entrance (one person).	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. 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. For the EA process we discussed the draft *Air, Noise and Vibration Work Plan*. This work plan includes an assessment of dust generation by each *Alternative Method* for landfill expansion. Recommendations will be made for the preferred *Method* to minimize and mitigate dust generation for the expanded facility.
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).	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.

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 comments[1]. 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 *Application for Engagement* 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 26th) 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)	• 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: • 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.

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.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix A

Notifications of PIC #1

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

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

BURNSIDE

[The Difference is our People]

Attachment A

Newspaper Advertisements

ST. MARYS

BURNSIDE

[The Difference is our People]

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 land owners Aboriginal communities review agencies and utilities

A Public nformation Centre (P C) has been arranged to describe the initial evaluation and draft work plans for the next phase of the EA The P C 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 P C

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

f 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 nformation 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 nformation 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 f 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.

ST. MARYS

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,

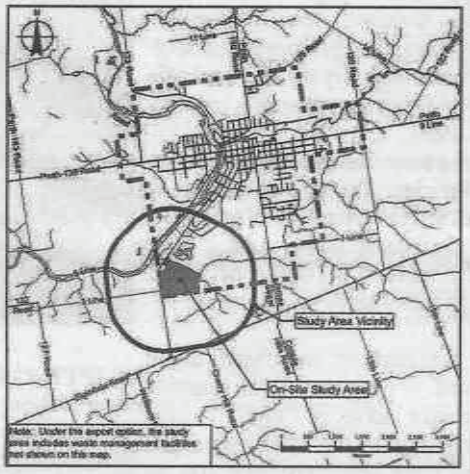
ONTARIO CANADA
ST. MARYS

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

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.

Funding for Embro

The Township of Zorra's project to improve the soccer fields at the Embro-West 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 Dave MacKenzie as part of a larger news release detailing $419,600 in CIP al for 11 projects in County.

"Over the comin local announceme projects approved the Canada 150 Co Infrastructure Prog southern Ontario place across souther io," the Oxford M release explained. have been selected program criteria,

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
PREMI

BURNSIDE

[The Difference is our People]

Attachment B

Landowner Notifications

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.	Jarrod	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	Korpal	Coordinator, Crossings and Facilities	45 Vogell Road	Suite 310	Richmond Hill	ON	L4B 3P6	skorpal@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.bressete@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	Ohsweken	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-delware.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.windsoressexmetis.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	Lipinksi		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.

****

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

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.

BURNSIDE

[The Difference is our People]

Appendix D

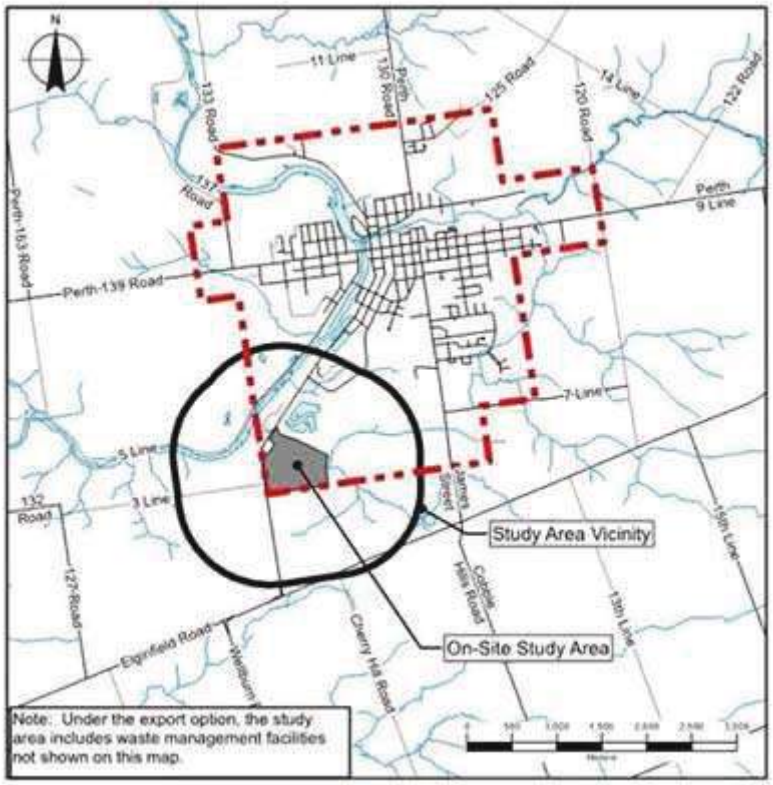
St. Marys Municipal Alert

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.



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

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

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.

Forward this email

SafeUnsubscribe

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.

Trusted Email from Constant Contact
Try it FREE today.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B

Display Boards

BURNSIDE

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

ST. MARYS

R.J. Burnside & Associates Limited

1

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

2

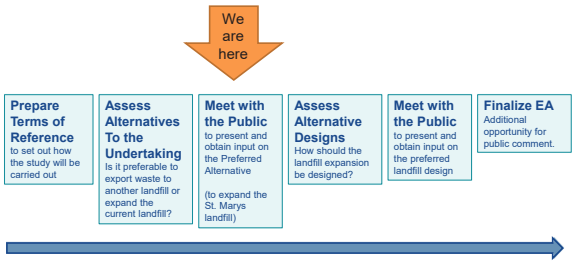
Background

- 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)

3

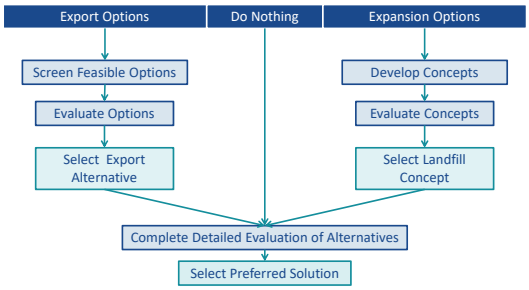
4

St. Marys EA Process



5

Evaluation Process



6

Export Options

Waste Transport Options	Disposal Site Options
Haulage/Collection Trucks • Using collection trucks to transport waste directly to final destination.	Local Municipal Sites • Owned and operated by other neighbouring municipalities.
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.	Private Sites • Privately owned sites in southern Ontario
Use of Existing Private Transfer Station • Waste taken to private transfer station. • Transfer station responsible for move to final location.	Waste to Energy Facilities • One currently operating in GTA • "Burns" waste to create energy.
	Sites Located within the USA
	Use as Waste Derived Fuel

7

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

8

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

9

Environmental Evaluation of Export

Best	d
Good	_
Average	Z
Poor	U
Worst	P

	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	P	_	P	_	d	_	_
Socio-Economic Factors	Z	P	d	d	d	U	P
Financial Factors	_	d	U	U	P	Z	Z
Technical Factors	d	d	d	d	Z	d	Z
Cultural Factors	Z	d	Z	_	_	d	d
Aboriginal Land Connections	d	d	Z	Z	Z	d	d
Ranking	U	d	P	Z	U	_	U

Preferred Method

10

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

11

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.

12

Best	d
Good	_
Average	Z
Poor	U
Worst	P

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.	P	d	_
Socio-Economic Factors	Includes conformity with municipal plans and policies, impacts to residents, local businesses and industries, quality of service, nuisance effects, aesthetics.	P	U	O
Financial Factors	Includes capital costs, operation and maintenance costs, long-term security/stability of costs and overall cost/tonne of waste.	U	d	_
Technical Factors	Considers known/proven vs. emerging/untested technologies, approvals & agreements required and solution lifespan.	P	_	d
Cultural Environment	Includes potential effects on cultural and archaeological resources and heritage landscapes.	d	Z	_
Aboriginal Land Connections	Includes consideration of Aboriginal rights, treaties, historical and traditional use of the land.	d	_	Z
Final Ranking		**P**	**_**	**d**

Current Preferred Alternative

13

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

14

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

15

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

16

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

17

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix C

PIC #1 Sign-In Sheet

BURNSIDE

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

ONTARIO CANADA ST. MARYS

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	PDHU.		dsingleton@pdhu.on.ca	Yes / No
MATT NOVADA	ST. MARYS CEMENT		matthew.novada@vcimentos.com	Yes / No
[illegible]	Town Council			Yes / No
[redacted]		[redacted]	[redacted]	Yes / No
[redacted]	[redacted]			Yes / No
[redacted]	" " "			Yes / No
Stew Slater	St. Marys Journal Argus			Yes / 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.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix D

Newspaper Articles

Landfill site environmental a sessment

SLATER PHOTO

J Burns de o d waste sp cia i t ami Hol ings orth explains the opt ons for expanding h Marys andfill site d ng m tio s n last week.

Expansion the preferred option

STEW SLATER

a s ma s co

B s d on an e al a ion of pt t disp sal of Town of St Marys s lid waste f it s dec ded that the t Ma ys la dfil is not the est place then haulage a at l d l n On ario as opposed to other al e n ves l ke nergy from waste, anothe un ci ty n fi l or isposa n U ed St would be the preferred ro t

That s s e t was pro ded to h pub at a n ormation s sion on Wednesda Aug 26 osted y th Town e a n D rt ent and th n ering con lt fir hir d to d rec n ngoing Env on n e en EA) in futu e s f h la e k si n qu d ep

M e impor an y, though, n a i provided at the meet ng also nf m d the pub t at a ed prel mina analysis b he R J B s d co ul e rom St M y is n the way g In l g ted a er e o d s la a d sp ad aro d th Mun i al er tio s Centre (and also avai ab e or viewing onlin at www townofstmarys com l ving/living. aspx?id 9840), expansio of the exis i g Wa er ree South f cility s f r t c u ing firm's recommend d pa

O tario M n t y of t e En ir e ap proved cap city at the landfill is al st maxed out. According to Town of St. Mary E viron m nt Coordin or Dave Blake th a est fig ure p ov de by the M nistry suggest d he last "c " available for waste dis al u d each its cap c ty by late Oct e of this yea a i r th s year, B ake a k d f and r ceived from Town Council approval o ap ply to the ministry for an expanded interim capacity approval. That paperwork has been sent to the ministry but no word has yet been re eiv d a k

Sp aking o he Journal Argu a l st We nesday's inform t on session Blak sa , "visually, at the site, it looks good The ce l looks like it's still about half empty." He add ed landfill operators are projecting that they'll be able to continue disposing of waste there for a long ti e with ut needing the ex a ded interim capacity

R J Burnside's Technical Leader of Solid W te amie Hollingsworth, who represented th c sulting firm at the Aug. 26 meeting, off r a similar assurance that the Town has been diligent n ensuring it's allow d by the minist y to continue using the site th ough he c mpl ion of the EA process whi h he pre d might not see the first load of waste bei rought into an expanded facility until a 017 or early 2018.

At h s po nt though, Hollingsworth con ced d, it' still fairly early in the process Last ek s m eting outlined the Town's decision m king pr cess for we ghing the export op t n sus expanding the landfill One of e di lay boards i the room, among other b fit of keeping t e waste disposal lo al, o f r d the following points (Using a landfill site n town) "provides long term security; of f local employme t a d eco omic benefits; t l and improves existing infrastructure; an c eates incentive to minim ze disposal "

dback collected at last week's m ting or t ext few days in response to h infor atio ould, potentially, lead Council or the Op t ons Department to change their m nd op for export. But assuming that doesn't ha pen the next step s for R J. Burnside and he wn to come up w th a general plan for w actly exp nsion will take plac . En a d n that plan will be assessments of what eff t xpansion could have on factor such a hyd ogeology (water flowing through the unde lying rock), biological life, noise, socio economic, and culture (including ar haeol ogy) f effects are predicted, the Town w ll equired to show how those eff cts would be m tig d

"If he ministry then says, 'yes, every ing's perfect You've ide t fied the potent al effects a d how they an be mitigated; you can pro ceed,' then the Town moves to a specific de s gn fo the expansion. And that would then ha e to go back into the ministry for approv " o lingsworth explained.

N f rmal 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 lan fill who reside in Perth South, and a repr sentative of the ne by St Marys Ce ment p ant.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix C
Public Information Centre #2

Public Information Centre (PIC) #2 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

July 2016
300032339.0000

Record of Revisions

Revision	Date	Description
0	7/21/2016	Initial Submission to Town of St. Marys

R.J. Burnside & Associates Limited

Report Prepared By:

Jamie Hollingsworth, P.Eng.
Technical Leader, Solid Waste
JH:cv

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	**June 23, 2016** 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 Jed Kelly, Town of St. Marys James Hollingsworth, Burnside Andre Evans, Burnside
PURPOSE	To describe the proposed study and purpose. To present the preliminary assessment of Alternatives Methods of Expansion 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 second 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 Assessment (EA).

Table of Contents

1.0 Introduction 1
2.0 Method of Notification 1
3.0 Public Meeting Format 2
4.0 Participation Levels and Summary of Comments Received 2
5.0 Next Steps 4

Tables

Table 1: Verbal Comments Received and Study Team Response 2
Table 2: Written Comments Received 4

Appendices

Appendix A Public Information Centre Notifications
Appendix B Display Boards
Appendix C PIC #2 Sign-In Sheet
Appendix D Comments Received

Disclaimer

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

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.

Burnside makes no warranties, either express or implied, of merchantability and fitness of the documents and other instruments of service for any purpose other than that specified by the contract.

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:

- Describing the proposed study and purpose.
- Presenting the preliminary assessment of Alternative Expansion Methods.
- Identifying the next steps in the EA process (i.e., completion and issuance of draft document).

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, June 10 & June 17 , 2016
- The St. Marys Journal Argus – Wednesday, June 8 & Jun 15, 2016

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 #2 was also posted on the Town of St. Marys website.

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

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 studies 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 and an attendance sheet is Appendix C.

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 July 15, 2016.

4.0 Participation Levels and Summary of Comments Received

A total of seven people attended the PIC. Submitted comment forms to the study team during the PIC are included in Appendix D. Additionally, a verbal comments were noted, as summarized in Table 1.

Table 1: Verbal Comments Received and Study Team Response

General Comment	Study Team Response
1. Concerned with drinking water well quality (two people)	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. Based on the draft preferred expansion method, no waste placement closer to residential wells is being considered. Neighbouring property owner was generally satisfied with this approach, and with current monitoring program including well sampling.
2. Concerned with site Odours (4 people)	Neighbouring residents identified intermittent issues with landfill odour impacts during conditions of NE-E wind direction. Project team members discussed recent challenges to operations as a result of equipment operations and challenging spring weather

General Comment	Study Team Response
	conditions, as well as mitigation measures. Additionally the results of the site air modelling for the expansion alternatives was discussed which indicated that current conditions represent the worst case scenario for potential for impacts
3. Concerned with Traffic Speeds on County Rd 123.	Discussion with homeowner focused on sightlines of any relocated entrance, and posted speed limit outside of St. Marys (80 km/h dropping to 50 within the Town). Any chance in entrance location will require sightline analysis, and updates to traffic impact study. Resident plans to contact County to review posted speed limit along road section.
4. Concerned with visibility (2 people)	A gap in the perimeter berm was identified allowing a sightline from an upper story window into the site. Discussion with the landowner included the possibility of assessing and improving the berm, or the planting of more mature trees along the site line to mitigate the visual impacts.

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 comments[1]. Notes on how the study team will incorporate these comments during the course of the project are also noted in the table.

Table 2: Written Comments Received

	Source	Comment	Study Team Response
1.	Comment Sheet	Odour Concerns	Discussion of modelling results and Town's plans to improve existing operations through equipment replacement and operations strategies.

5.0 Next Steps

In the coming months, the project team will finalize design alternatives for the study area based on natural, social, technical and financial criteria and received comments. A draft of the final EA is scheduled to be released in the summer of 2016, with the final version following in the fall.

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

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix A

Public Information Centre Notifications

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

Memorandum

Date: July 5, 2016 **Project No.:** 300032339.0000

Project Name: St. Marys Future Solid Waste Needs EA

Client Name: Town of St. Marys

Re: Public Information Center #2

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, Indigenous Communities and other stakeholders. Also relevant, copies of work plans were provided to selected agencies and Indigenous Communities 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 #2. They are grouped into the following categories:

- Newspaper Advertisements (Attachment A)
  - St. Marys Independent
  - St. Marys Argus Journal
- Landowner Correspondence (Attachment B)
  - Mailing List
  - Copy of PIC #2 Notice
- Agency and Indigenous Correspondence (Attachment C)
  - Mailing List (Including enclosure list)
  - Copy of Email Notice
  - Copy of Letter and PIC #2 Notice
- St. Marys Municipal Alert; a no cost email based distribution list to subscribers (Attachment D)

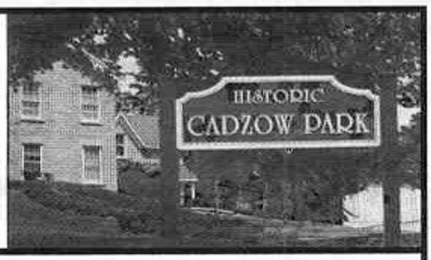
BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Attachment A

Newspaper Advertisements

ONTARIO CANADA
ST. MARYS



Cadzow Park Revitalization

Open House

Wednesday, June 15, 6 - 8 PM

Community Centre, Pyramid Centre
317 James Street South

View concepts for the future of the park and share your feedback with Town staff.

Or view the plans online at:
TownofStMarys.com/Cadzow

Submit comments until June 17, 2016 to:
Stephanie Ische, Director, Community Services
sische@town.stmarys.on.ca
519-284-2340 x 624

HPHA
HURON PERTH HEALTHCARE ALLIANCE
Clinton Public Hospital
St. Marys Memorial Hospital
Seaforth Community Hospital
Stratford General Hospital
Supporting People
Strengthening Partnerships
Improving Performance

Notice of Annual General Meetings

Clinton Public Hospital
St. Marys Memorial Hospital
Seaforth Community Hospital
Stratford General Hospital

NOTICE IS HEREBY GIVEN that the **Annual General Meetings** of the Members of the Clinton Public Hospital, St. Marys Memorial Hospital, Seaforth Community Hospital and Stratford General Hospital will be held at the **Mitchell Golf & Country Club in Mitchell, Ontario**, on:

Thursday June 23, 2016
at 7:00 p.m.
to:

1. Receive Annual Reports of the Board of Directors, including Financial Statements, together with the Auditor's Report thereon. The Financial Statements will be available after June 15, 2016 on the Huron Perth HealthcareAlliance website - www.hpha.ca.
2. Appoint Auditors.
3. Receive the Ad Hoc Nominating Committee Report.

Only members of the hospital corporations shall be entitled to vote at the Annual General Meeting

Members of the public are welcome to attend

Exceptional People, Exceptional Care!

the Hitching Post ltd.

Dairy Days!

June is Dairy month at the Hitching Post. Many in store specials!

For more info please contact the Hitching Post
519-284-2360

SHUR GAIN

480 Queen Street West, St. Marys
www.thehitchingpost.ca | ph: 519-284-2360

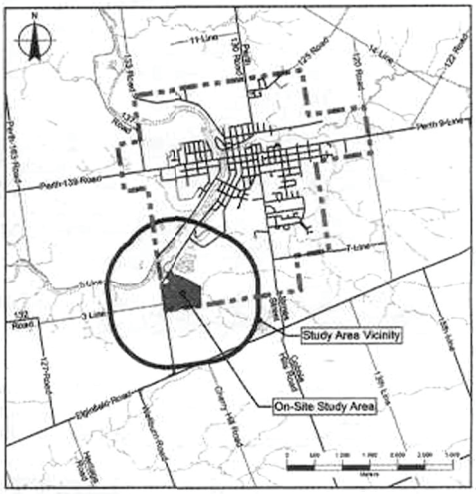
ONTARIO CANADA
ST. MARYS

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

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 preferred alternative is to expand the existing landfill. A number of methods of expansion are possible at the site. Work plans were undertaken to evaluate the landfill expansion options available. While our preliminary analysis suggests that a combined vertical and horizontal expansion of the St. Marys landfill is preferred, public input is requested before submission of the EA to the Ministry.



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 present the results of the EA studies that were undertaken, and describe the initial evaluation of the alternative expansion methods. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the studies and the alternative methods being considered will be available for public review on the Town's website: http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx. The next phase of the EA will consider comments received during the PIC.

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:

Drop-in Centre (PIC) details:
Date: **Thursday, June 23, 2016**
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 4163271434.

This Notice first issued on 25-May-2016.

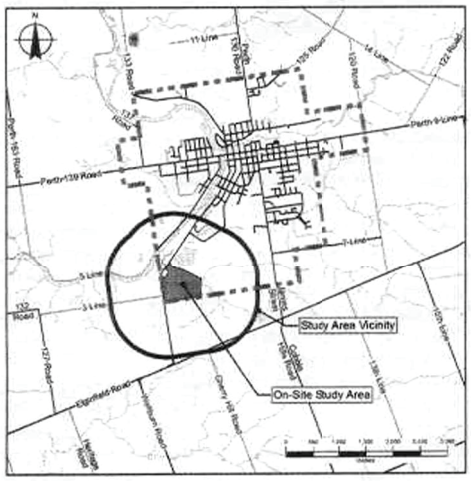
ONTARIO CANADA ST. MARYS

BURNSIDE [THE DIFFERENCE IS OUR PEOPLE]

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 preferred alternative is to expand the existing landfill. A number of methods of expansion are possible at the site. Work plans were undertaken to evaluate the landfill expansion options available. While our preliminary analysis suggests that a combined vertical and horizontal expansion of the St. Marys landfill is preferred, public input is requested before submission of the EA to the Ministry.



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 present the results of the EA studies that were undertaken, and describe the initial evaluation of the alternative expansion methods. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the studies and the alternative methods being considered will be available for public review on the Town's website: http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx. The next phase of the EA will consider comments received during the PIC.

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:

Drop-in Centre (PIC) details:
Date: **Thursday, June 23, 2016**
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 4163271434.

This Notice first issued on 25-May-2016.

HPHA
HURON PERTH HEALTHCARE ALLIANCE
Clinton Public Hospital
St. Marys Memorial Hospital
Seaforth Community Hospital
Stratford General Hospital
Supporting People
Strengthening Partnerships
Improving Performance

Notice of Annual General Meetings
Clinton Public Hospital
St. Marys Memorial Hospital
Seaforth Community Hospital
Stratford General Hospital

NOTICE IS HEREBY GIVEN that the **Annual General Meetings** of the Members of the Clinton Public Hospital, St. Marys Memorial Hospital, Seaforth Community Hospital and Stratford General Hospital will be held at the **Mitchell Golf & Country Club in Mitchell, Ontario**, on:

Thursday June 23, 2016
at 7:00 p.m.
to:

1. Receive Annual Reports of the Board of Directors, including Financial Statements, together with the Auditor's Report thereon. The Financial Statements will be available after June 15, 2016 on the Huron Perth Healthcare Alliance website - www.hpha.ca.
2. Appoint Auditors.
3. Receive the Ad Hoc Nominating Committee Report.

Only members of the hospital corporations shall be entitled to vote at the Annual General Meeting

Members of the public are welcome to attend

Exceptional People, Exceptional Care!

DIAMONDRIDGE PARK

Located at the end of Tracey Street near the Baseball Hall of Fame

Model Homes Now Available For Viewing!

- Single detached homes on regular and large lots
- Semi-detached homes
- Luxury Bungalow Townhouses

BUILDERS:
BICKELL BUILT HOMES LTD. (519) 284-1749
LARRY OTTEN CONTRACTING Custom Homes 519-276-1454
WILDWOOD HOMES

For more information contact:
Rob Taylor
Meadowridge Properties Ltd.
ph: 519-871-3988
em: rtaylor@mcleantaylor.com

Click....Call... or Come in ...let's talk

I have so many questions....
Do I have the right coverage?
Should I combine my home and auto insurance?
What kind of payment plans are available?

Let our Insurance Brokers find the right fit for your needs at the best price!

We work for you, not the insurer!
Call us today at 519-284-1900

Visit our website @
www.stmarysinsurance.ca
email: inquiries@stmarysinsurance.ca

SIG St. Marys Insurance Group Inc.

ONTARIO CANADA
ST. MARYS

BURNSIDE

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 preferred alternative is to expand the existing landfill. A number of methods of expansion are possible at the site. Work plans were undertaken to evaluate the landfill expansion options available. While our preliminary analysis suggests that a combined vertical and horizontal expansion of the St. Marys landfill is preferred, public input is requested before submission of the EA to the Ministry.

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 present the results of the EA studies that were undertaken, and describe the initial evaluation of the alternative expansion methods. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the studies and the alternative methods being considered will be available for public review on the Town's website: http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre (PIC) details:	Date:	**Thursday, June 23, 2016**
	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 L1V 7G7
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 25-May-2016.

Grilling exp validates G columnist's

DISHING IT OUT

ANDREA MACKO

I'm currently reading "Steak: One M Search for the World's Tastiest Piece Beef." Penned by Globe and Mail co umnist Mark Schatzker, the book languish unread, until the smell of barbecuing meat began wafting around town.

As the subtitle suggests, the book detail tour of the world's top steak-producing an steak-consuming, nations: Texas, France, Scotland, Italy and Japan. The wealth of knowledge on animal husbandry and nutri tion, corporate farming, and cultural norm are complemented by Schatzker's affable — and his love for eating delicious cows.

Steak touches on a stereotype: men love meat. There's a swath of the male populati that can barely fry an egg, but they can ba cue a steak, while passionately debating th cooking methodology, what part of the co the steak should come from, and where to purchase said steak. There's also that swat who refuse to eat anything other than ME — none of that chicken, fish or pork stuff, beef and only beef.

My husband is of neither swath. Andrew once said his favourite food is "a lot," and his apt description has stuck. When one's favourite food is a quantity, content is less a concern: Andrew simply consumes what ever is on his plate. This has worked well both of us, from our newlywed days when I could barely make toast, through to our "budgetarian" phase, to now, when I altern between experimental dishes and no-brain favourites.

Yet, as with any red-blooded man, Andr does love some bloody meat (though he p fers his steak medium, for microbial safet can safely order for him when we dine ou beef for his main, and whatever contains t most chocolate for dessert. It's in dining a home that I've had challenges, until recen

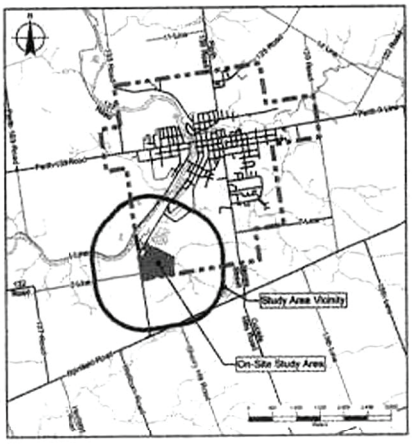
If food be love, I've been less than roma tic when it comes to beef. The proper prep ration of a steak has long eluded me. Steal daunting because there seems no margin c error. Even the most free-wheeling omniv has an opinion on how steak should be do When dining out, it's one of the few dishe for which one can dictate their preference

Steak is also daunting because it's price waste not, want not. Frustrated with high prices, we bought our own cow. Well, part one. We went the local route, straight to th scenic Ruthig farm overlooking the Tham

ONTARIO CANADA
ST. MARYS

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

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 preferred alternative is to expand the existing landfill. A number of methods of expansion are possible at the site. Work plans were undertaken to evaluate the landfill expansion options available. While our preliminary analysis suggests that a combined vertical and horizontal expansion of the St. Marys landfill is preferred, public input is requested before submission of the EA to the Ministry.

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 present the results of the EA studies that were undertaken, and describe the initial evaluation of the alternative expansion methods. The PIC will gather and respond to public comments on the process. Presentation materials pertaining to the studies and the alternative methods being considered will be available for public review on the Town's website: http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx. The next phase of the EA will consider comments received during the PIC.

Drop-in Centre (PIC) details:	Date:	**Thursday, June 23, 2016**
	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 L1V 7G7
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 25-May-2016.

Truck driver dies ne

The operator of a water tanker truck owned by an area construction company was killed on Friday, June 10 after the vehicle apparently rolled into him while he was situated on the roadside next to the truck.

The Perth County detachment of the Ontario Provincial Police reported that officers responded around noon to the intersection and Road 134, jus Sebringville. Inv revealed the wat with no one in th seat at the time, fi the victim and th a hydro pole locat south side of the causing a power lin down and land on way near the drive

Another bus crash

In the third incidence of a collision involving a school bus in the past two weeks in the Stratford vicinity, two people were transported to hospital with what were described by the Oxford County detachment of the Ontario Provincial Police (OPP) as "non-life threatening injuries" after a bus left the roadway near Maplewood and struck a utility pole on the morning of Monday, June 13.

OPP say officers were summoned just after 8:30 a.m. to investigate on the 43rd Line of Zorra Township between the Perth/Oxford Road and Road 96. According to a news release from police, an Elgie Bus Lines vehicle was southbound on the 43rd Line when it left the roadway, entered the ditch, struck a hydro pole and came to a stop off the roadway.

"The impact resulted in the male driver and one 13 year-old female student being transported to a local hospital," the news release explained. "In total, 17 students were on the bus at the time of the collision. Three other students were treated at the scene and released with minor injuries by Perth County paramedics."

Also responding and assisting at the scene were firefighters with the Uniondale station of Zorra Fire Services.

"Police would like to thank the witnesses who stopped and helped out at the scene," the OPP news release added.

On June 1, a school bus driver was charged with failure to yield after pulling out into the path of an oncoming vehicle after stopping at the intersection of the Embro Road and the Tavistock Road. Ten students were on the bus at the time, but only the driver required treatment in hospital for minor injuries.

Then in spectacular fashion on June 6, a bus left the roadway near Amulree and struck two trees. Shortly after the last of six students plus the driver had evacuated the vehicle, it became engulfed in flames. Again, only the driver suffered injuries — described as non-life threatening — that were serious enough to require hospitalization. And the driver was also charged — in this case, with careless driving.

This week's collision near Maplewood, meanwhile, remains under investigation.

Collision sends four to hospital

Shortly before 9:30 a.m. on Saturday, June 11, Oxford County OPP responded to a two-vehicle collision at the intersection of Road 84 and the Embro Road just north of Embro. Police say the driver of a Volkswagen car failed to stop at the Stop sign on Road 84 and struck a pick-up truck which was southbound on the Embro Road.

BURNSIDE

[The Difference is our People]

Attachment B

Landowner Notifications

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

June 9, 2016

Via: Mail

Dear:

Re: 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 currently operating under an interim Environmental Compliance Approval (ECA). 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 it was determined that expansion of the existing St. Marys Landfill is the preferred method of disposal. The Town has now completed studies related to the *Alternative Methods* for expanding the landfill.

Based on our preliminary evaluation, a combined vertical and horizontal expansion is preferred. EA studies, completed in accordance with previously presented work plans, have been undertaken to evaluate the landfill expansion design options, assist in identifying potential risks and identify mitigation strategies. These EA draft subject area reports are available on the Town's website:

http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this stage, we invite you to review and provide comments regarding these studies and the alternative methods for undertaking the project. If you require printed copies of any of the draft subject area reports, please contact either of the team leads (next page).

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 draft subject area reports and the preferred alternative. We are inviting comments from interested members of the public, Aboriginal communities and review agencies.

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

Date:	**Thursday, June 23, 2016**
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 recommendation of the *Alternative Method* and the completed EA report will be submitted to the Ministry of the Environment and Climate Change for review. Subject to the outcome, detailed design, engineering and approvals will be completed to implement the preferred *Method*.

Should you have questions or comments regarding the project, please contact either of the team leads listed below:

Dave Blake, C.E.T.
Supervisor of Environmental Services
The Corporation of the Town of St. Marys
Tel: (519) 284-2340 x 209
Fax: (519) 284-0902
Email: dblake@town.stmarys.on.ca

James R. Hollingsworth, P.Eng.
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:cv

Enclosure(s) Notice of Public Information Centre

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.

BURNSIDE

[The Difference is our People]

Attachment C

Agency and First Nation Notification

[redacted]

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.	Jarrod	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

[redacted]

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	Korpal	Coordinator, Crossings and Facilities	45 Vogell Road	Suite 310	Richmond Hill	ON	L4B 3P6	skorpal@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.bressete@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	Ohsweken	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-delware.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

[redacted]

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.windsoressexmetis.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	Lipinksi		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

Project Name: Town of St. Marys Future Solid Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Address 1	Address 2	City	Province	Postal Code	Email
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Canadian Environmental Assessment Agency - Ontario Region	Ms.	Anjala	Puvananathan	Ontario Region Director	55 St. Clair Avenue East	Suite 907	Toronto	ON	M4T 1M2	anjala.puvananathan@ceaa-acea.gc.ca
Department of Fisheries and Oceans Canada - Fish [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Ministry of Natural Resources and Forestry, Guelph District	Mr.	Ian	Thornton	Resource Operations Supervisor	1 Stone Road West		Guelph	ON	N1G 4Y2	ian.thornton@ontario.ca
Ministry of Tourism, Culture and Sport, Culture	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Ministry of the Environment and Climate Change - London Regional and Dietict Office, Southwestern Region				Environmental Resource Planner and Environmental Assessment Coordinator	733 Exeter Road		London	ON	N6E 1L3	
Ministry of the Environment and Climate Change - Southwestern Region	Ms.	Emilee	O'Leary	Environmental Planner/ Environmental Assessment Coordinator	733 Exeter Road		London	ON	N6E 1L3	emilee.oleary@ontario.ca
Ministry of the Environment and Climate Change	Mr.	Mark	Harris	Hydrogeologist	659 Exeter Road		London	ON	N6E 1L3	mark.harris@ontario.ca
Ministry of the Environment and Climate Change	Mr.	Wesley	Wright							Wesley.Wright@ontario.ca
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]

Project Name: Town of St. Marys Future Solid Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Address 1	Address 2	City	Province	Postal Code	Email
Union Gas Limited	Mr.	Nick	Jones	London District Engineering	109 Commissioners Road	Box 5353	London	ON	N6A 4P1	NJones@uniongas.com
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]				[redacted]	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]					[redacted]		[redacted]	[redacted]	[redacted]	[redacted]
[redacted]					[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

June 9, 2016

Via: Mail

[redacted]

Dear: [redacted]

Re:

Future Solid Waste Disposal Needs Individual Environmental Assessment
Town of St. Marys
Project No.:

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 currently operating under an interim Environmental Compliance Approval (ECA). 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 it was determined that expansion of the existing St. Marys Landfill is the preferred method of disposal. The Town has now completed studies related to the *Alternative Methods* for expanding the landfill.

Based on our preliminary evaluation, a combined vertical and horizontal expansion is preferred. EA studies, completed in accordance with previously presented work plans, have been undertaken to evaluate the landfill expansion design options, assist in identifying potential risks and identify mitigation strategies. These EA draft subject area reports are available on the Town's website:

http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this stage, we invite you to review and provide comments regarding these studies and the alternative methods for undertaking the project. If you require printed copies of any of the draft subject area reports, please contact either of the team leads (next page).

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 draft subject area reports and the preferred alternative. We are inviting comments from interested members of the public, Aboriginal communities and review agencies.

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

Date:	**Thursday, June 23, 2016**
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 recommendation of the *Alternative Method* and the completed EA report will be submitted to the Ministry of the Environment and Climate Change for review. Subject to the outcome, detailed design, engineering and approvals will be completed to implement the preferred *Method*.

Should you have questions or comments regarding the project, please contact either of the team leads listed below:

Dave Blake, C.E.T.
Supervisor of Environmental Services
The Corporation of the Town of St. Marys
Tel: (519) 284-2340 x 209
Fax: (519) 284-0902
Email: dblake@town.stmarys.on.ca

James R. Hollingsworth, P.Eng.
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:cv

Enclosure(s) Notice of Public Information Centre

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.

160609_Agency Letter RE Notice of PIC #2.docx
06/06/2016

BURNSIDE

[The Difference is our People]

D

St. Marys Municipal Alert

Municipal Alerts

Public Open House June 23: Future Solid Waste Disposal Needs Environmental Assessment

The Town is seeking input on the St. Marys Landfill Environmental Assessment results and recommendations to expand the current site. Community members and interested parties wishing to review the project and/or provide comment can attend a Drop-in/Public Information Centre on Thursday, June 23 from 5 to 7 PM at the Municipal Operations Centre (408 James St. S.) or contact the Town's Supervisor of Environmental Services, Dave Blake, at 519-284-2340 x 209 or dblake@town.stmarys.on.ca.
More information about the project can be found at www.townofstmarys.com/LandfillEA.

Town of St. Marys, 175 Queen Street East, PO Box 998, St. Marys, Ontario N4X 1B6 Canada

SafeUnsubscribe™ jamie.hollingsworth@rjburnside.com

Forward this email | Update Profile | About our service provider

Sent by communications@town.stmarys.on.ca in collaboration with

Constant Contact

Try it free today

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix B

Display Boards

BURNSIDE

St. Marys Future Solid Waste Disposal Needs Environmental Assessment

Public Information Centre #2

Thursday, June 23, 2016
5:00 PM to 7:00 PM
Municipal Operations Center
408 James Street South, St. Marys, ON N4X 1B6

ST. MARYS

R.J. BURNSIDE & ASSOCIATES LIMITED

1

Welcome to PIC#2

Please:
- **Sign In**
- **Please ask questions about the project.**

During Public Information Centre #1 (PIC#1) we:
- Compared *Waste Export* against *Landfill Expansion;* Landfill Expansion was preferred
- Discussed work programs to evaluate *Alternative Methods* for landfill expansion

This Public Information Centre, PIC#2, is to:
- Present our evaluations of the *Alternative Methods* for landfill expansion
  - technical, social/cultural, economic and natural environment factors
- Obtain feedback on
  - The *Alternative Methods* evaluation and the preferred *Method*
  - Landfill expansion considerations

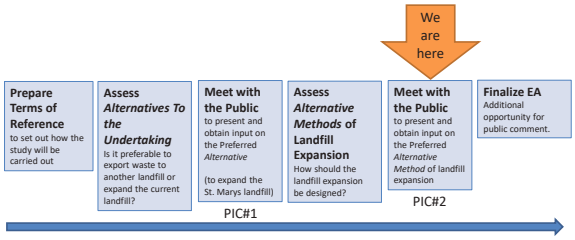
2

Background

- This EA process was initiated to determine the best way of dealing with future waste disposal
  - St. Marys landfill operates under MOECC approval
- Expanding the St. Marys landfill was preferred
- Work Plans were developed and reviewed
- 5 *Alternative Methods* of expansion concepts were developed and Work Plans completed to:
  - Identify potential impacts
  - Compare and rank the *Methods*
  - Create mitigation strategies for the preferred *Method*

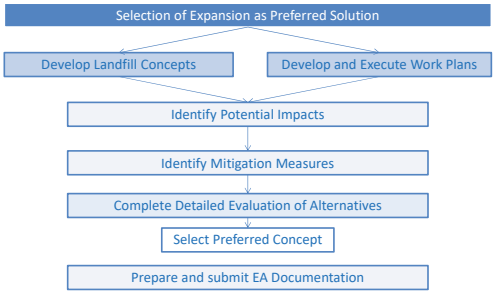
3

Environmental Assessment Process



4

Evaluation Process



5

Preliminary Expansion *Methods*

- Developed during Phase 1 (Export versus Expansion) then refined in Phases 3 & 4
- Factors included
  - Total capacity required
  - Overall peak height
  - Required additional land use
  - Impact on neighbours
  - Compatibility with existing infrastructure
  - Efficient use of sites potential capacity
  - Impact of landfill development on watercourse
  - Financial implications

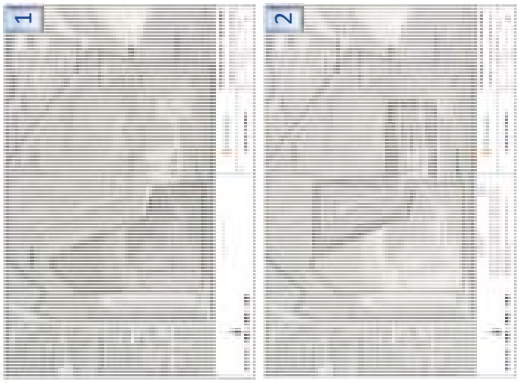
6

Alternative Methods

- Footprint and contour concepts were prepared for each *Alternative Method*
  - Represent how expansion *could* look; not final designs
- Adjustments to concepts will be made:
  - Based on stakeholder consultation
  - During EA Report preparation
  - As part of the detailed design (following EA Approval)
- Adjustments may include:
  - Specifics of footprint and contours
  - Efforts to mitigate potential impacts
  - Optimizing infrastructure (best current and future use)
- Drawings are not final

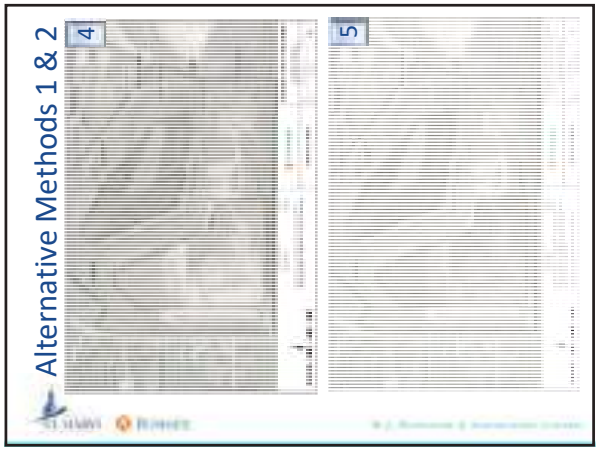
7

Alternative Methods 1 & 2



8

9



10

Work Plans

- Air, Noise & Vibration
- Archaeological & Cultural Heritage
- Hydrology/Hydrogeology
- Natural Heritage (Biology)
- Socio-Economic

Work Plans identified:

- Data review and field studies to be undertaken
- Criteria to evaluate Alternative Methods
- How mitigation plans will be developed

11

Assessment Highlights

- Air, Noise & Vibration: site can be expanded without significant impacts (similar to current)
- Species At Risk (SAR) are present, requiring care during expansion
- Surface water, groundwater and soil conditions are favourable for expansion

Draft subject area reports are available at:

www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

12

Comparison of Alternative Methods

- Methods compared for:
  - A. Natural Environment
  - B. Cultural Environment
  - C. Aboriginal Connections to the Land
  - D. Socio-Economic
  - E. Financial
  - F. Technical
- Criteria assessed on a qualitative basis

Rankings	
Best	d
	Z
	U
Worst	P

13

Evaluation Results

		Method 1	Method 2	Method 3	Method 4	Method 5
Natural Environment	Includes potential effects on air quality, climate change, groundwater, lakes and rivers, wildlife habitat, Endangered and Threatened species, potential use of aggregate resources.	O	E	E	J	;
Cultural Environment	Includes potential effects on cultural and archaeological resources and heritage landscapes.	O	O	O	O	O
Aboriginal Connections to the Land	Includes consideration of Aboriginal rights, treaties, historical and traditional use of the land.	O	O	O	O	O
Socio-economic Factors	Includes conformity with municipal plans and policies, impacts to residents, local businesses and industries, quality of service, nuisance effects, aesthetics.	;	O	O	@	J
Financial Factors	Includes capital costs, operation and maintenance costs, long-term security/stability of costs and overall cost/tonne of waste.	O	O	O	;	J
Technical Factors	Includes consideration of known/proven vs. emerging/untested technologies, approvals/agreements required and timeframe of the solution.	E	E	O	;	@
Overall Ranking		Z		d	P	U

Preferred Method:
Combination of Vertical and Horizontal Expansion

14

Next Steps

- Consider all comments received on
  - Draft Subject Area Reports
  - Evaluations
  - Preferred Method
- Continue with ongoing consultation
- Prepare draft EA report for stakeholder review
- Finalize EA report submission to the MOECC

15

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

16

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix C

Sign-In Sheet

BURNSIDE

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

ST. MARYS

SIGN-IN SHEET (PLEASE PRINT)

Public Information Centre # 2 – June 23, 2016 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?
BILL OSBORNE	TOWN OF ST. MARYS	Councillor		Yes / No
Jim Craigmile	"	Councillor		Yes / No
[redacted]	[redacted]			Yes / No
LYNN HAINER	Town of St Marys	Councillor		Yes / No
[redacted]		[redacted]		Yes / No
[redacted]		[redacted]	[redacted]	Yes / No
				Yes / No
				Yes / No
				Yes / No

All personal information – such as name, address, telephone number and email address – 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 Freedom of Information and Privacy Coordinator at 416-327-1434.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix D

Appendix D

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

ST. MARYS

BURNSIDE

PUBLIC COMMENT SHEET

Public Information Centre:

June 23, 2016 (5 – 7 pm)

Municipal Operations Centre

408 James St. S, St. Marys

Name: [redacted]

Address:

Postal Code:

Phone:

Email:

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 preferred alternative is to expand the existing landfill. A number of methods of expansion are possible at the site. Work plans were undertaken to evaluate the landfill expansion options available. While our preliminary analysis suggests that a combined vertical and horizontal expansion of the St. Marys landfill is preferred, public input is requested before submission of the EA to the Ministry.

1. My interest is: (please check all that apply)

- [✓] residential property
- [ ] member of interest group
- [ ] agency representative
- [ ] general interest
- [ ] other: _____
- [✓] nuisance impacts (noise, visual, odour)
- [ ] recreational interest
- [✓] natural environment interest
- [ ] landfill accessibility

2. Comments/Questions/Suggestions (additional space on back of page):

As a resident on [redacted] I am always concerned re odour issues. I would like to see proper cover every day as was promised when this landfill was first opened. As discussed at the public meeting new equipment, water management etc needs to be addressed. I hope the residents' concerns are listened to [redacted]

All personal information – such as name, address, telephone number, email address 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 Freedom of Information and Privacy Coordinator at 416-327-1434.

ST. MARYS

VIA MAIL

July 12, 2016

[redacted]

Dear [redacted]

Re: Public Information Centre # 2
Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment
Project No.: 300032339.0000

Thank you for your attendance at the second Public Information Centre (PIC) related to the Solid Waste Environmental Assessment held on Jun, 23, 2016.

In addition to the discussions which occurred during the PIC the Town wishes to reiterate our recognition of your concerns related to site odour. As discussed the Town is in the process of working towards replacing existing equipment at the site in order to address operational challenges experienced this past spring. During the development and selection of the preferred alternative method, and determining the cell staging during the site life the Town and its Project Team will be considering the potential for odour generation as a potential negative impact. Ultimately the site will meet all Provincial requirements and obtain necessary approvals prior to commencing operations.

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

Sincerely,
TOWN OF ST. MARYS – PUBLIC WORKS DEPARTMENT

Dave Blake, C.E.T.
Supervisor of Environmental Services

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 the Town of St. Marys.

160711[redacted] PIC2 Response.docx
12/07/2016 12:03 PM

PUBLIC WORKS DEPARTMENT - ENVIRONMENTAL SERVICES
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • F: 519-284-0902 • E: dblake@town.stmarys.on.ca • www.townofstmarys.com

ST. MARYS

VIA MAIL

July 12, 2016

[redacted]

Dear [redacted]

Re: Public Information Centre #2
Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment
Project No.: 300032339.0000

Thank you for your attendance at the second Public Information Centre (PIC) related to the Solid Waste Environmental Assessment held on Jun, 23, 2016.

In addition to the discussions which occurred during the PIC the Town wishes to reiterate our recognition of your concerns related to site odour, water quality, traffic and visual impacts.

In relation to odour as discussed the Town is in the process of working towards replacing existing equipment at the site in order to address operational challenges experienced this past spring. During the development and selection of the preferred alternative method, and determining the cell staging during the site life the Town and its Project Team will be considering the potential for odour generation as a negative impact. Ultimately the site will meet all Provincial requirements and obtain necessary approvals prior to commencing operations.

Water quality continues to be monitored at the site. To date no offsite impacts have been detected in ground or surface water quality. The Project Team will design the site in a manner that limits potential for impacts, and will continue monitoring to confirm water quality.

During the discussions related to traffic you indicated concerns with traffic speeds, and potential visibility concerns related to a potentially relocated site entrance. Although it is outside of the scope of this Environmental Assessment, any entrance relocation would be subject to an engineer's report on traffic, which would include an assessment of speeds and sightlines on the corner. We also note that responsibility and control of the higher speed sections of the road, Perth Road 123, reside with Perth County.

Lastly, the Town recognizes the potential for visual impacts as a result of berm and tree screen placement. Improvements to both of these screening features will be considered as part of the detailed design. In the interim the Town maintains a tree planting program at the landfill, which will hopefully mitigate any impacts.

PUBLIC WORKS DEPARTMENT - ENVIRONMENTAL SERVICES
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • F: 519-284-0902 • E: dblake@town.stmarys.on.ca • www.townofstmarys.com

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

Sincerely,
TOWN OF ST. MARYS – PUBLIC WORKS DEPARTMENT

Dave Blake, C.E.T.
Supervisor of Environmental Services

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 the Town of St. Marys.

160711[redacted] PIC2 Response.docx
12/07/2016 11:58 AM

PUBLIC WORKS DEPARTMENT - ENVIRONMENTAL SERVICES
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • **F:** 519-284-0902 • **E:** dblake@town.stmarys.on.ca • www.townofstmarys.com

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix D
Consultation with Federal Agencies

From: EnviroOnt [mailto:EnviroOnt@tc.gc.ca]
Sent: Friday, June 17, 2016 2:02 PM
To: Carol Vallie
Cc: Jamie Hollingsworth
Subject: FW: Town of St Marys Waste Disposal EA Notice of Public Information Centre (NEATS 40293) ##300032339.0000
Importance: High

Hello,

Further to the attached email sent in reponse to an earlier project notification, please note Transport Canada **does not**
require receipt of all EA related notifications.

We are requesting project proponents to self-assess if their project will interact with a federal property **and** require approval and/or authorization under any Acts administered by Transport Canada. Further direction and information is detailed in the attached email (sent last year).

As there aren't any federal properties in the vicinity of the project, please do no include the Environmental Assessment program in further correspondence.

Regardless, please remove David Zeit from

your distribution lists. Thank you,

Environmental Assessment Program | Programme
d'évaluation environnementale Transport Canada, Ontario
Region | Transports Canada, Région de l'Ontario Email |
Courriel: EnviroOnt@tc.gc.ca

From: Carol Vallie [mailto:Carol.Vallie@rjburnside.com]
Sent: Friday, June 10, 2016 4:57 PM
To: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>
Subject: Town of St Marys Waste Disposal EA Notice of Public

Information Centre Attached, please find a letter with a copy of the

PIC Notice.

If you have any concerns, comments or questions, please don't hesitate to contact either Project Team members noted on the PIC #2 Notice.

Thank you.

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

June 9, 2016

Via: Email

Re: Notice of Public Information Centre and Availability of Draft Reports
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 currently operating under an interim Environmental Compliance Approval (ECA). 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 it was determined that expansion of the existing St. Marys Landfill is the preferred method of disposal. The Town has now completed studies related to the *Alternative Methods* for expanding the landfill.

Based on our preliminary evaluation, a combined vertical and horizontal expansion is preferred. EA studies, completed in accordance with previously presented work plans, have been undertaken to evaluate the landfill expansion design options, assist in identifying potential risks and identify mitigation strategies. These EA draft subject area reports are available on the Town's website:

http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this stage, we invite you to review and provide comments regarding these studies and the alternative methods for undertaking the project. If you require printed copies of any of the draft subject area reports, please contact either of the team leads (next page).

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 draft subject area reports and the preferred alternative. We are inviting comments from interested members of the public, Aboriginal communities and review agencies.

June 9, 2016
Project No.: 300032339.0000

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

Date:	**Thursday, June 23, 2016**
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 recommendation of the *Alternative Method* and the completed EA report will be submitted to the Ministry of the Environment and Climate Change for review. Subject to the outcome, detailed design, engineering and approvals will be completed to implement the preferred *Method*.

Should you have questions or comments regarding the project, please contact either of the team leads listed below:

Dave Blake, C.E.T.
Supervisor of Environmental Services
The Corporation of the Town of St. Marys
Tel: (519) 284-2340 x 209
Fax: (519) 284-0902
Email: dblake@town.stmarys.on.ca

James R. Hollingsworth, P.Eng.
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:cv

Enclosure(s) Notice of Public Information Centre

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

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

Email Agency Letter RE Notice of PIC#2.docx
10/06/2016 4:19 PM

RE: Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre
EnviroOnt
to:
'dblake@town.stmarys.on.ca', 'St.Marys.Waste.Ea@rjburnside.com'
08/05/2015 02:59 PM
Hide Details
From: EnviroOnt <EnviroOnt@tc.gc.ca>
To: "'dblake@town.stmarys.on.ca'" <dblake@town.stmarys.on.ca>,
"'St.Marys.Waste.Ea@rjburnside.com'" <St.Marys.Waste.Ea@rjburnside.com>,

Hello,

Please note that under *the Canadian Environmental Assessment Act, 2012*, Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal lands prior to exercising a power, performing a function or duty in relation to that project. To determine if the aforementioned applies, it is the responsibility of the project proponent to:

1. Review the Directory of Federal Real Property (http://www.tbs-sct.gc.ca/dfrp-rbif/) to determine if the project will potentially interact with any federal property; and

2. Review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: https://www.tc.gc.ca/eng/acts-regulations/acts.htm.

If a project will interact with a federal property **and** requires approval and/or authorization under any of the Transport Canada Acts, then correspondence should only be forwarded electronically to Environmental Assessment Coordinator at: EnviroOnt@tc.gc.ca – please ensure distribution lists are updated.

Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

Navigation Protection Act (NPA) – the NPA applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or (519) 383-1863.

Railway Safety Act (RSA) – the RSA provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Rail Safety Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or (613) 998-2985.

Transportation of Dangerous Goods Act (TDGA) – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or (416) 973-1868.

Aeronautics Act – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. Enquires can be directed to CASO-SACO@tc.gc.ca or 1 (800) 305-2059 / (416) 952-0230.

If none of the aforementioned information applies to any of the projects under review, please ensure we are removed from the distribution list.

Thank you,

Environmental Assessment Coordinator | Coordinatrice d'évaluation environnementale
Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario
4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5
Email | Courriel: EnviroOnt@tc.gc.ca
Facsimile | télécopieur: (416) 952-0514
Government of Canada | Gouvernement du Canada

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

Martina Paznar to: david.zeit 07/29/2015 02:09 PM

Cc: EnviroOnt

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

150724_Zeit Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

July 29, 2015

Via: Email

Mr. David Zeit
Senior Environmental Officer
Transport Canada - Ontario Region (PHE)
4900 Yonge Street
North York ON M2N 6A5

Dear Mr. Zeit:

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 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) *Notice of Public Information Center*

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

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

From: "Menczel, Margaret" <margaret.menczel@tc.gc.ca>
To: 'Kathleen Alexander' <Kathleen.Alexander@rjburnside.com>,
Date: 06/30/2015 05:49 AM
Subject: RE: Requirements for Waste Sites?

Good morning,

Airport Zoning Regulations (AZR) enacted under the authority of the Aeronautics Act may also be a factor for consideration.

Federal airport zoning regulations are enacted pursuant to the Aeronautics Act and impose restrictions on landowners adjacent to and in the vicinity of an airport or airport site. These restrictions include:

- Limiting the height of buildings, structures and objects (including natural growth);
- Protecting aircraft from potential hazards by prohibiting electronic signal interference; and
- Prohibiting land use activities which attract birds that may create a hazard to aviation safety.

In Ontario AZRs are annotated against property titles because the onus is on the land owner to comply with any restrictions outlined in the regulation.

There is no permit or screening form to be filled in.

If you have any further questions please feel free to contact me.

Regards,

Margaret Menczel
Civil Aviation Safety Inspector - Aerodromes and Air Navigation
Inspecteur de la sécurité de l'Aviation civile - aérodromes et navigation aérienne

Civil Aviation | Aviation civile
Transport Canada | Transports Canada
4900 Yonge Street, 4th Floor, Toronto, Ontario M2N 6A5 | 4900, rue Yonge, 4e étage, Toronto, (Ontario) M2N 6A5
margaret.menczel@tc.gc.ca
Telephone | Téléphone 416-952-0243
Facsimile | Télécopieur 416-952-0196
Government of Canada | Gouvernement du Canada

From: Kathleen Alexander [mailto:Kathleen.Alexander@rjburnside.com]
Sent: Wednesday, April 29, 2015 5:26 PM
To: CASO-SACO
Subject: Requirements for Waste Sites?

Hi There,

I am working on an Environmental Assessment which is looking at the possibility of expanding an existing landfill.

I received the information below from Transport Canada. The only thing that I think may be applicable is the Aeronautics Act since the email notes that waste projects (i.e. landfills) which could attract birds could be a hazard to aviation.

I'm wondering what requirements there might be for waste sites? Any permit, screening form or other process?

Please note that under *the Canadian Environmental Assessment Act, 2012* , Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal lands prior to exercising a power, performing a function or duty in relation to that project. To determine if the aforementioned applies, project proponents are encouraged to:

1. Review the Directory of Federal Real Property (http://www.tbs-sct.gc.ca/dfrp-rbif/) to determine if the project will potentially interact with any federal property; and

2. Review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: https://www.tc.gc.ca/eng/acts-regulations/acts.htm. In particular, proponents should consider whether the project requires review and approval under the following Acts:

Navigation Protection Act (NPA)

The NPA applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or (519) 383-1863.

Railway Safety Act (RSA)

The RSA provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Rail Safety Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or (613) 998-2985.

Transportation of Dangerous Goods Act (TDGA)

The transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or (416) 973-1868.

Aeronautics Act

Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs.

Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and

recreational flight paths.

Enquires can be directed to CASO-SACO@tc.gc.ca or 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is required.

If none of the aforementioned information applies to the project, please ensure we are removed from the distribution list.

Thank you,

Environmental Assessment Coordinator | Coordinatrice d'évaluation environnementale
Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario
4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5
Email | Courriel: EnviroOnt@tc.gc.ca
Facsimile | télécopieur: (416) 952-0514
Government of Canada | Gouvernement du Canada

Re: Aboriginal consultation information - Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre

UCA-CAU to: Martina Paznar 07/29/2015 02:11 PM
Sent by: Postmaster@inac.gc.ca
Please respond to UCA-CAU

As of October 2013, the Consultation Information Service (CIS) is shifting its focus to the addition and management of content in the Aboriginal Treaty Rights Information System (ATRIS) and has limited capacity to provide responses.

ATRIS is now available to you and can provide relevant information regarding the location of Aboriginal groups as well as related information on established rights (through treaties and other agreements) and asserted rights (through claim processes and legal proceedings). We encourage you, therefore, to use ATRIS to carry out your research.

If you are using ATRIS from outside of the federal government, you can go directly to the following site and begin your research at:
http://sidait-atris.aadnc-aandc.gc.ca/atris_online/

If you are a federal employee, you can obtain access to this system by sending a request for an account to the following address:
ATRIS-SIDAIT@aadnc-aandc.gc.ca Once your account has been created, you can carry out your research directly within ATRIS. If, after doing so, you have specific questions, you can send those queries to this CAU account and the CIS will endeavour to respond in a timely manner.

Thank you for your understanding.
The CIS team

Registre des avis au compte de l'Unité de la consultation et de l'accommodement (UCA)

Octobre 2013

Depuis octobre 2013, le Service d'information sur la consultation (SIC) se concentre sur la gestion du contenu et l'ajout d'information dans le Système d'information sur les droits ancestraux et issus de traités (SIDAIT). Il dispose de peu de ressources pour répondre aux demandes d'information.

Vous avez maintenant accès au SIDAIT, lequel offre des renseignements utiles sur l'emplacement des groupes autochtones ainsi que sur leurs droits établis (découlant de traités et d'autres ententes) et revendiqués (dans le cadre de processus de revendication et de procédures judiciaires). Nous vous encourageons donc à effectuer vos recherches à l'aide de ce système.

Si vous travaillez à l'extérieur du gouvernement fédéral, vous pouvez faire vos recherches directement à partir du site suivant :
http://sidait-atris.aadnc-aandc.gc.ca/atris_online/

Si vous êtes un fonctionnaire fédéral, veuillez envoyer une demande d'ouverture de compte à l'adresse suivante : ATRIS-SIDAIT@aadnc-aandc.gc.ca. Lorsque votre compte aura été créé, vous pourrez effectuer des recherches

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

July 29, 2015

Via: Email

Sir / Madam
Aboriginal Affairs and Northern Development Canada – Consultation and Accommodation Unit (CAU) Ontario Office

Dear Sir / Madam:

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 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) *Notice of Public Information Center*

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

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

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

Martina Paznar to: EACoordination_ON 07/29/2015 02:15 PM

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

150724_AANDC Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

July 29, 2015

Via: Email

Sir / Madam
Aboriginal Affairs and Northern Development Canada - Environmental Assessment Coordination, Environment Unit, Lands and Trusts Services
25 St. Clair Avenue East
8th Floor
Toronto ON M4T 1M2

Dear Sir / Madam:

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 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) *Notice of Public Information Center*

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

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

Email - St. Marys Solid Waste Disposal - Letter A - 2015-02-25
Cafaro,Caitlin [CEAA]
to:
st.marys.waste.ea
02/25/2015 11:30 AM
Hide Details
From: "Cafaro,Caitlin [CEAA]" <Caitlin.Cafaro@ceaa-acee.gc.ca>
To: <st.marys.waste.ea@rjburnside.com>,

1 Attachment

Letter - St. Marys solid waste disposal - Letter A - 2015-02-20.pdf

Dear Mr. Hollingsworth,

Please find letter attached.

Kind Regards,
Caitlin Cafaro

Caitlin Cafaro
Environmental Assessment Officer, Ontario
Canadian Environmental Assessment Agency l
Agence canadienne d'évaluation environnementale
55 St. Clair Avenue East, Suite 907 Toronto ON M4T 1M2 l
55 avenue St. Clair Est pièce 907 Toronto ON M4T 1M2
caitlin.cafaro@ceaa-acee.gc.ca
http://www.ceaa-acee.gc.ca
Telephone l Téléphone 416-954-0734
Facsimile l Télécopieur 416-952-1573
Government of Canada | Gouvernement du Canada

Canadian Environmental Assessment Agency
Agence canadienne d'évaluation environnementale

55 St. Clair Avenue East,
Room 907
Toronto ON M4T 1M2

55, avenue St. Clair Est,
pièce 907
Toronto ON M4T 1M2

February 20, 2015 Sent by email

James Hollingsworth
R.J. Burnside & Associates Ltd.
1465 Pickering Parkway, Suite 200
Pickering, ON L1S6H3
St.marys.waste.ea@rjburnside.com

Dear Mr. Hollingsworth:

Re: Information on the *Canadian Environmental Assessment Act, 2012*

Thank you for your correspondence of February 9, 2015 regarding the selection of a preferred solid waste disposal option for Town of St. Marys.

As part of the Government of Canada's plan for Responsible Resource Development which seeks to modernize the regulatory system for project reviews, the *Canadian Environmental Assessment Act, 2012* (CEAA 2012) came into force on July 6, 2012. CEAA 2012 focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction.

The CEAA 2012 applies to projects described in the *Regulations Designating Physical Activities* (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. **Kindly review the Regulations to confirm applicability to the proposed project.**

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

For more information on CEAA 2012, please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012
http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1

Regulations Designating Physical Activities, and
Prescribed Information for a Description of a Designated Project Regulations
http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project
http://www.ceaa.gc.ca/63D3D025-2236-49C9-A169-DD89A36DA0E6/Guide_to_Preparing_a_Description_of_a_Designated_Project_under_CEAA_2012.pdf

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, **we kindly request that you remove the Agency from your distribution list**. If you have questions, please get in touch with our office through the switchboard at 416-952-1576.

Sincerely,

Anjala Puvananathan
Director, Ontario Region
Canadian Environmental Assessment Agency

ST. MARYS
ONTARIO CANADA

BURNSIDE

February 9, 2015

Ms. Anjala Puvananathan
Ontario Region Director
Canadian Environmental Assessment Agency - Ontario Region
55 St. Clair Avenue East
Suite 907
Toronto ON M4T 1M2

Re: Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs, Town of St. Marys
File No.: 300032339.0000

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) for the identification and selection of a preferred solid waste disposal option – please see the enclosed Notice of Environmental Assessment Commencement showing the site location and approximate extent of the Study Area.

Please complete the Response Form on the back of this page by 13-Mar-2015 to assist us in understanding your organization/agency's potential involvement with this project. Specifically, we are seeking information on:

- Policies, positions or guidelines implemented or administered by your agency that may affect the waste management option selected.
- Background information pertinent to the environmental inventory of the Study Area.
- Any preliminary comments or concerns that your agency has on the proposed project.
- Other projects proposed within or near the Study Area.

You may also contact either of the study team representatives:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
Tel: 519-284-2340
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
Tel: 289-545-1051
Email: St.Marys.Waste.EA@rjburnside.com

All interested stakeholders will be kept up-to-date on project status by means of future mailings, or inclusion in project meetings, as deemed appropriate.

Your participation in this EA study is much appreciated.

ONTARIO CANADA
ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)
Name: Ms. Anjala Puvananathan
Title: Ontario Region Director
Organization or Agency: Canadian Environmental Assessment Agency - Ontario Region
Address 1: 55 St. Clair Avenue East
Address 2: Suite 907
City, Prov. & Postal Code: Toronto ON M4T 1M2
Phone:
Fax:
E-Mail: ☐ Prefer email communication

Area of interest or concern/preliminary comments:

Please check below if applicable:

☐ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix E
Consultation with Provincial Agencies

To: Jamie Hollingsworth[Jamie.Hollingsworth@rjburnside.com]; dblake@town.stmarys.on.ca[dblake@town.stmarys.on.ca]
Cc: Desautels, Solange (MOECC)[Solange.Desautels@ontario.ca]; Delaquis, Dan (MOECC)[Dan.Delaquis@ontario.ca]
From: Shirali, Nisha (MOECC)
Sent: Fri 12/9/2016 4:27:29 PM
Importance: Normal
Subject: RE: St. Marys (300032339.0000) - Notice of Draft EA Report Submission ##300032339.0000
MAIL_RECEIVED: Fri 12/9/2016 4:27:40 PM

Hello Mr. Hollingsworth,

Thank you for checking in with the ministry. I will be taking over as the Project Officer for your project *St. Marys Future Solid Waste Disposal Needs Environmental Assessment.*

Please contact me directly regarding this file and to provide the Draft EA.

Regards,

Nisha Shirali, MCIP, RPP

Project Officer, Project Coordination Unit

Environmental Approvals Branch

Ministry of the Environment and Climate Change

First Floor, 135 St. Clair Avenue West

Toronto, ON M4V 1P5

T: (416) 314-0286

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: December-09-16 10:20 AM
To: Delaquis, Dan (MOECC); Desautels, Solange (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Porchae Baird; Jennifer Vandermeer
Subject: St. Marys (300032339.0000) - Notice of Draft EA Report Submission

St. Marys Landfill Site Environmental Compliance Approval No. A150203

MOECC EAIMS No. 09212

Ms. Desautels and Mr. Delaquis;

The Town of St. Marys has been working with R.J. Burnside & Associates Limited (Burnsi prepare the *St. Marys Future Solid Waste Disposal Needs Environmental Assessment*. Our contact at the Ministry of the Environment and Climate Change for this work was Mr. Wesl Wright. However, Wesley indicated that he was taking a leave of absence, and so we sho contact you regarding our next steps.

Before he left, Wesley asked the Town to provide about a month's advance notification that the draft EA reporting would be submitted for review by the Ministry (and Government Review Team) and stakeholders (including Indigenous communities). In keeping with this, Burnsi projecting that the draft EA report will be available for review in January 2017. Burnside w follow-up with both of you in January as we get closer to issuing the draft EA report.

Should you have any questions, please feel free to contact the undersigned.

Best regards,

Jamie

BURNSIDE

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

R.J. Burnside & Associates Limited
1465 Pickering Parkway, Pickering, Ontario L1V 7G7
Office: 800- 265- 9662 Direct: 289- 545- 1501
www.rjburnside.com

**** CONFIDENTIALITY NOTICE ****

This electronic transmission and any accompanying attachments may contain privileged or confidential information intended only for the use of the individu organization named above. Any distribution, copying or action taken in reliance on the contents of this communication by anyone other than the intended reci 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.

****

R.J. Burnside & Associates Limited 6990 Creditview Road, Unit 2 Mississauga ON L5N 8R9 CANADA
telephone (905) 821-1800 **fax** (905) 821-1809 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

October 28, 2016

Via: Email

Header Merza
Senior Noise Engineer
Environmental Approvals Branch
Ministry of the Environment and Climate Change
135 St. Clair Avenue West, 1st Floor
Toronto Ontario M4V 1P5

Dear Header Merza:

Re: Noise Review Comments: Landfill Expansion Noise Impact Assessment
St. Marys Future Solid Waste Disposal Needs Environmental Assessment
Noise File No. E-0003; Burnside Project No.: 300032339.0000

In your letter dated June 27, 2016, you requested that seven (7) issues were addressed. Those seven issues are listed below, with the response immediately following.

(1) *Construction and Rehabilitation: these activities were not addressed in the noise report. The sound levels generated by construction and rehabilitation activities are subject to the limits set out in Ministry Publications NPC-115 and NPC-118.*

Section 2.3.4 was added to the report: "Site construction activities would likely include one or more of each of the following equipment: excavator, wheel tractor scraper, bulldozer, construction truck, and a compactor, along with vehicles arriving for on-site delivery of materials. It is expected that all construction activities will conform to the criteria set out in NPC-115 of 83 dB.

Residents may experience noise levels during the day that are greater than the maximum predicted on-site noise level (50 dB) or the maximum noise from the traffic (50-60 dB). However, as the construction will be confined to relatively short periods (likely 2-3 months at a time) compared to years of landfill operations, the disruption due to construction is considered to be minor.

Alternative Method 1 requires the least construction period, so it is considered "best" from a noise generation perspective. Alternative Method 2, 4, and 5 will require more significant construction efforts, and will therefore generate more noise. Alternative Method 3 requires somewhat less construction effort compared to Methods 2, 4 and 5, and would be completed over a somewhat shorter overall construction period.

Regardless of the Method selected, construction to prepare for operation and for site closure at the end of life is required by all Methods. Construction activities will involve the same type of work and noise and are therefore considered generally equal."

(2) *Landfilling Operations: these operations involve only "construction equipment" or "conveyances" and are subject to sound level limits of Leq(1h) 55 dBA day and 45 dBA night. The noise report only addressed one compactor and haulage trucks. All other equipment used in these operations (e.g. front end loaders, dozers, excavators, etc.) should also be included in the noise report.*

Information was added to the report in section 2.3.2 to reiterate that this site has very little equipment and the equipment modelled is the worst case emission for the site. The equipment will not run at night. Of the two pieces of construction equipment, the loudest noise profile was used for an entire hour despite the expectation that only one piece of equipment will run for 20 minutes or less in an hour.

(3) *Pest Control Devices: the noise report should indicate if a pest control device is employed in the operation of the landfill site. The sound level limit is LLM 70 dBAi for impulsive sounds and Leq(1h) 60 dBA for quasi-steady impulsive sounds.*

Section 2.3.2.3 was added to the report: "Pest control devices are not used on site."

(4) *Ancillary Facilities: equipment and facilities utilized on the landfill site such as facilities for reception, storage and processing, are not considered in the noise report. The applicable sound level limits are those established for the assessment of stationary sources of sound given in Ministry Publication NPC-300.*

Section 2.3.2.4 was added to the report: "The only other ancillary facilities at the site are bins into which the public sorts their recyclable materials. The residential vehicles were mentioned in the report elsewhere but not considered to have significant noise emissions. The trucks picking up the recycled materials drive a shorter path than other similar vehicles on site and so the other vehicles were used in the noise assessment. Those trucks were included in the total truck count for the Site.

Garbage is dumped on the edge of the working face and dealt with at that point. The noise from those operations is addressed below."

(5) *Off-Site Vehicles: An assessment of the noise impact is not included in the noise report. The noise impact should be assessed in terms of Leq(1h) at the points of reception. The effect of the off-site vehicles on the existing noise environment should be described qualitatively and quantitatively, as shown in the following table:*

Sound Level Increase (dB)	**Qualitative Rating**
1 to 3 inclusive	Insignificant
3 to 5 inclusive	Noticeable
5 to 10 inclusive	Significant
10 and over	Very Significant

The off-Site vehicle impacts were assessed using STAMSON as described in Section 2.4.2. The results of the STAMSON assessment are discussed in Section 2.5.2. The off-Site traffic is expected to be the same regardless of the Alternative method so the contribution for all PORs for all Alternative methods is 0 dB which is Insignificant.

The text “The off-Site vehicle traffic is expected to be the same regardless of which Alternative Methods is selected.” was added to the end of Section 2.4.2.

The text “The off-Site vehicle traffic is expected to be the same regardless of which Alternative Methods is selected so all PORs will experience 0 dB difference (insignificant) as a result of changes in off-Site traffic.” was added to Section 2.5.

(6) *Points of Reception: Table 2 lists two heights, 1.5 metres and 4.5 metres for the plane of window (POW). This is incorrect. For plane of window of two storey houses, the height is 4.5 metres, while the height for the outdoor point of reception (OPOR) is 1.5 metres (OPOR is 30 metres from POW).*

The 1.5 m heights for the plane of windows were provided for additional information. The distances and locations of the outdoor living areas from the PORs were expected to generally show the same or less impact than the plane of window receptors and so were not assessed.

Outdoor Living Area receptors have been added for all locations at a height of 1.5 m. The new receptors are labelled “OPOR” corresponding to the locations with the same name and “A” indicating 1.5 m above the ground. The new receptors include:

1. OPOR_01 added 30 m southeast of the east wall of building in the back yard of the receptor. Note that POR_01 was moved from the west side of the building to the east side to be more exposed to the landfill and less exposed to the road. The STAMSON calculation was not altered because it previously showed that the impact was less than the exclusionary limit and the change would only decrease the road noise impact on the receptor.
2. OPOR_02 added 30 m northwest of the northwest wall of building in the back yard of the receptor.
3. OPOR_03 added 30 m west of the west wall of building in the back yard of the receptor.
4. OPOR_04 added 30 m south of the south wall of building in the back yard of the receptor.
5. OPOR_05 added 30 m west of the west wall of building in the back yard of the receptor.
6. OPOR_06 added 30 m east of the east wall of building in the back yard of the receptor.

Note: Tables had incorrect coordinates for PORs 2-4 so values in the tables were corrected to match the model. The old coordinates were for the centre of the building instead of the plane of the window.

(7) *Appendices A and B: the road traffic data listed in Appendix A do not correspond to the data used in the STAMSON calculations in Appendix B. The calculated road traffic sound levels should be based on the data provided by the Municipality (Perth County).*

The following methodology was added to Section 2.4.2: “Stamson requires that the sum of the road traffic data be >=40 vph. Because the number of vehicles does not meet this threshold, the number of vehicles must be increased so that the number of vehicles at night is >40 vph. As a result, the AADT traffic count was doubled to allow Stamson to do calculations (4378, as shown in App. B) while Perth county provided 2189 AADT for 2015 (App. A). The reported impact was the calculated result minus 3 dB to get the actual sound level for 2189 AADT 2015.

All the Stamson results showed that the impact was less than the exclusionary limit so the results didn’t change the assessment of the noise from the landfill. As a result, the impacts were not shown in the report outside the appendix.”

Yours truly,

R.J. Burnside & Associates Limited

Harvey Watson, P.Eng
Manager, Air and Noise
HW:lm

Enclosure(s)

cc: David Blake, Town of St. Marys (enc.) (Via: Email)
Environmental Assessment Services, Project Coordination Unit Supervisor (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.

161028 - St. Marys Letter_HeaderMerza_NoiseComments.docx
28/10/2016 8:57 AM

RE: Town of St. Marys Future Waste Disposal: Hydrogeological Work Plan
Delaquis, Dan (MOECC)
to:
Joy Rutherford
12/15/2015 03:51 PM
Cc:
Jamie Hollingsworth, Martina Paznar
Hide Details
From: "Delaquis, Dan (MOECC)" <Dan.Delaquis@ontario.ca>
To: Joy Rutherford <Joy.Rutherford@rjburnside.com>,
Cc: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>, Martina Paznar <Martina.Paznar@rjburnside.com>

Hi Joy,

We are in the midst of assigning a new Project Officer to this file. Once we have someone assigned we'll pass along the information to you. My apologies for the delay.

Dan

Daniel Delaquis | Supervisor – Project Coordination | Environmental Assessment Services
Ministry of the Environment and Climate Change

From: Joy Rutherford [mailto:Joy.Rutherford@rjburnside.com]
Sent: December-15-15 3:49 PM
To: Delaquis, Dan (MOECC)
Cc: Jamie Hollingsworth; Martina Paznar
Subject: Fw: Town of St. Marys Future Waste Disposal: Hydrogeological Work Plan

Hello Dan

As per Sue's email, has there been a new project officer assigned for the Town of St. Marys waste disposal project? I am still interested in consulting with the ministry's hydrogeologist.

thanks,
Joy

BURNSIDE

Joy Rutherford, P.Geo.
Hydrogeologist

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Joy.Rutherford@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3116
www rjburnside.com

Hello Joy,

I just wanted to let you know I am no longer with the EA section, so I have forwarded your e-mail to my former supervisor Dan Delaquis for another project officer to respond. If you do not receive a response in the next few days, you can contact him at 416-314-7765 or Dan.Delaquis@ontario.ca.

Thanks,
Sue

Sue Edwards | Senior Policy Advisor | Drive Clean Office | Program Management Branch | Ministry of the Environment and Climate Change | 40 St. Clair Ave. W., 4th Floor, Toronto, ON M4V 1M2 | Phone: 416-314-2499 | Fax: 416-314-4160 | Email: susanne.edwards@ontario.ca

Town of St. Marys Future Waste Disposal : Hydrogeological Work Plan

Joy Rutherford to: Susanne.Edwards 11/25/2015 09:10 AM
Cc: Jamie Hollingsworth, dblake
Bcc: Martina Paznar

Hello Sue

This email concerns the Hydrogeological Work Plan under way at the Town of St. Marys Landfill site. As per Jamie's email, we have gathered most of the background information and are conducting initial site work.

Based on the information we have collect to date, I am reviewing the drilling program outlined in the work plan for the EA. Burnside received comments on the groundwater work plan from the Ministry's technical support (attached below). Therefore, I thought it would be worthwhile at this point reviewing the program with the Ministry's reviewer.

I am rethinking borehole numbers and locations because the recent work has provided more data and because there is still uncertainty as to the preferred footprint. The Ministry also reviews the annual monitoring reports for the existing landfill and has provided comments regarding monitoring wells on site. If it is the same hydrogeologist, I think it would be useful for us to have a discussion now.

Would you be able to put me in touch with the groundwater reviewer of the work plan?

regards
Joy

Copy of Comments for Proponent from MOECC.pdf

From: "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>
To: Harvey Watson <Harvey.Watson@rjburnside.com>,
Cc: "Delaquis, Dan (MOECC)" <Dan.Delaquis@ontario.ca>
Date: 11/23/2015 03:35 PM
Subject: RE: St Marys Landfill (EAIMS File No. 09212) (300032339.0000)

Hello Harvey,

I just wanted to let you know I am no longer with the EA section, so I have forwarded your e-mail to my former supervisor Dan Delaquis for another project officer to respond. If you do not receive a response in the next few days, you can contact him at 416-314-7765 or Dan.Delaquis@ontario.ca.

Thanks,
Sue

Sue Edwards | Senior Policy Advisor | Drive Clean Office | Program Management Branch | Ministry of the Environment and Climate Change | 40 St. Clair Ave. W., 4th Floor, Toronto, ON M4V 1M2 | Phone: 416-314-2499 | Fax: 416-314-4160 | Email: susanne.edwards@ontario.ca

From: Harvey Watson [mailto:Harvey.Watson@rjburnside.com]
Sent: November 23, 2015 3:22 PM
To: Edwards, Susanne (MOECC)
Cc: Jamie Hollingsworth
Subject: St Marys Landfill (EAIMS File No. 09212) (300032339.0000)

Ms. Edwards,

In your letter to Mr. Hollingsworth of October 9, 2015 about the above mentioned project, item # 5 says "...The list should include all the species recommended by the ministry, at a minimum. ..."

Would it be possible to provide the list of species recommended by the ministry?

Regards,
Harvey

BURNSIDE

Harvey Watson
R.J. Burnside & Associates Limited
6990 Creditview Road, Unit 2
Mississauga, Ontario L5N 8R9
Harvey.Watson@rjburnside.com
Office: 905-821-1800
Direct Line: 905-821-5902
www.rjburnside.com

**** 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.

****

Ministry of the Environment and Climate Change

Environmental Approvals Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

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

Direction des autorisations environnementales

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

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 Attentuation 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.

<u>Hydrogeological and Ecological (in relation to surface water) Work Plans</u>

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

Sue Edwards

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

From: Jamie Hollingsworth/RJB

To: "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>

Cc: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>, Tricia Radburn/RJB@RJB, Martina Paznar/RJB@RJB, Joy Rutherford/RJB@RJB, Harvey Watson/RJB@RJB

Date: 08/20/2015 03:15 PM

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

BURNSIDE

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

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

RE: Town of St. Marys Draft Work Plans

Jamie Hollingsworth to: Edwards, Susanne (MOECC) 10/09/2015 11:26 AM
Cc: "Dave Blake"

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

BURNSIDE

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

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

1 Attachment

July 29, 2015 Notice of PIC and draft work plans provided.pdf

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

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 fax (905) 420-5247 web www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

MOE SWRO
Southwestern Region
London
JUL 30 2015
Ministry of Environment
and Climate Change

July 29, 2015

Via: Mail

Mr. Bill Armstrong
Environmental Resource Planner and Environmental Assessment Coordinator
Ministry of the Environment and Climate Change - Southwestern Region
733 Exeter Road
London ON N6E 1L3

Dear Mr. Armstrong:

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 enclosed in hard copy format and are also 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) *Notice of Public Information Center*
Air Quality, Noise and Vibration Work Plan
Archaeological and Cultural Heritage Work Plan
Ecological Work Plan
Hydrogeological Work Plan
Socio-Economic Work Plan

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.

Re: FW: Town of St. Mary's Future Solid Waste Disposal Needs EA - Notice of PIC and draft work plans

Jamie Hollingsworth to: O'Leary, Emilee (MOECC) 08/07/2015 04:00 PM
Cc: "Dave Blake", Tricia Radburn, Martina Paznar

Ms. O'Leary;

Thank you for your email. Burnside has now updated our mailing list. We are also sending you a letter, by mail, with hard copies of the draft work programs as requested. Note that PDF's of these work programs may be accessed from the Town's web site:
http://townofstmarys.com/living/living.aspx?id=9840

Take Care,
Jamie

BURNSIDE

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

From: "O'Leary, Emilee (MOECC)" <Emilee.OLeary@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: 08/07/2015 09:14 AM
Subject: FW: Town of St. Mary's Future Solid Waste Disposal Needs EA - Notice of PIC and draft work plans

Dear Mr. Hollingsworth,

Re: Town of St. Mary's Future Solid Waste Disposal Needs EA

The Ministry of the Environment and Climate Change Southwest Regional office is in receipt of your Notice of Public Information Centre and draft work plans for the above-mentioned project addressed to Mr. Bill Armstrong. Please note that Mr. Armstrong is no longer with the ministry and I will now be your contact in the Southwest Regional Office.

The MOECC SWR office kindly requests that you please forward another copy of the Notice and of all draft work plans to my attention to be distributed to our London District Office.

Thank you in advance.

Best regards,

Emilee O'Leary | Environmental Planner/Environmental Assessment Coordinator
Technical Support Section, Southwest Region, Ministry of the Environment and Climate Change
733 Exeter Road, London Ontario, N6E1L3
Phone: 519-873-5012 | emilee.oleary@ontario.ca

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

August 7, 2015

Via: Mail

Ms. Emilee O'Leary
Environmental Planner/ Environmental Assessment Coordinator
Ministry of the Environment and Climate Change - Southwestern Region
733 Exeter Road
London ON N6E 1L3

Dear Ms. O'Leary:

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 enclosed in hard copy format and are also 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) *Notice of Public Information Center*
Air Quality, Noise and Vibration Work Plan
Archaeological and Cultural Heritage Work Plan
Ecological Work Plan
Hydrogeological Work Plan
Socio-Economic Work Plan

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.

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

Martina Paznar to: MEA.NOTICES.EAAB 07/29/2015 02:17 PM

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

150724_MEA Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

July 29, 2015

Via: Email

Sir / Madam
Ministry of Environment and Climate Change - Environmental Assessment and Approvals Branch

Dear Sir / Madam:

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 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) *Notice of Public Information Center*

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.

Jamie Hollingsworth

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Friday, July 29, 2016 1:03 PM
To: Jamie Hollingsworth; Joy Rutherford
Subject: FW: St Marys Landfill EA - Hydrogeology Report

From: Harris, Mark (MOECC)
Sent: July 29, 2016 12:32 PM
To: Wright, Wesley (MOECC)
Cc: Lehouillier, Jason (MOECC); Lafrance, Crystal (MOECC)
Subject: RE: St Marys Landfill EA - Hydrogeology Report

Hi Wesley,

I reviewed the July 29 email from RJ Burnside below and have a few comments.

1. The consultant has properly captured the main concerns in the four bullets at the top of their email. The ultimate concern, as described in more detail below, is that the Ministry needs to be satisfied that the proposal can be constructed in a manner that protects ground water resources.

2. I recognize that the choice of the preferred alternative was not available to the consultant at the time that the report was prepared. I accept the assertion that it would have been premature for the consultant to answer many of the questions that I have posed. At the same time, this is the reason that it is my opinion that it is premature for the Ministry to approve the EA.

3. It is my understanding now that “Method 3” is preferred. This includes a vertical expansion of the existing footprint as well as horizontal expansion along the eastern side of the existing site. The additional lands are immediately adjacent to the existing site. In general, this means that the data that is available from the existing site will be useful to aid in our understand and predict how the expansion may impact ground water resources. This does reduce some of my uncertainty about the proposal and its potential for impacts.

4. Despite comment No. 3, much of the expansion area is situated down-gradient of the existing footprint. In my reviews of the past several annual monitoring reports for the site, I have identified that there is effectively only one down-gradient monitoring well that is of any use. This is insufficient for any landfill and our understanding of ground water conditions in this area remains limited. As you can imagine, we should instead have a good understanding of the hydrogeology in an area in which waste is to be landfilled. Is the existing leachate collection system capturing all leachate from the site?

5. I acknowledge that it may be undesirable to add observation wells in the area to be landfilled as these might need to be decommissioned shortly after construction. To be clear, I am not specifically requesting that wells be installed in this area with the knowledge that they have to be removed shortly after. But I am requesting that additional down-gradient information be obtained. It may be possible for additional wells to be installed just beyond the proposed footprint. These could serve to better understand the conditions and impacts in this area, and, act as sentry wells once the

landfill is installed. If there are already impacts from the existing landfill, without proper baseline information in this area we might later mistakenly assume that these impacts are the result of the proposed expansion.

6. In the consultant's point No. 2, it is identified that the preferred alternative would include a liner and leachate collection system (LCS), as well as shallow ground water controls just beyond the liner. If the site is designed to rely upon such a system, then more advanced modeling of contaminant migration may not be necessary. In other words, a properly functioning LCS should enable the site to meet the Reasonable Use Guideline.

   I agree with the consultant's recommendation that this concept be more explicitly identified and described in the body of the EA document. This is a ~critical~ component of ground water protection at this site. Ultimately, the Ministry's primary ground water objective is to see that the site will meet the RUG. But the current hydrogeology study does not yet demonstrate how this is to be achieved. This is a fundamental roadblock to our acceptance of the EA.

   Furthermore, there would need to be discussion/evaluation of the effectiveness of the liner/LCS. What kind of liner is to used? How do we know that it can protect ground water and allow the site to meet the RUG? If this is the ultimately the means by which the expansion can meet the RUG, then there should a conclusion that it will work. This may require some discussion with EAB engineers. I understand that detailed design will be prepared during the ECA stage. But, for example, if the liner system does not intercept all leachate, are there calculations that can show that the site will still meet the RUG? How do we know that it will work?

This office would be able to accept the ground water component of the EA document once we have further confidence that the site can be constructed to meet the RUG. This does not necessarily mean that a substantial amount of on-site work needs to be completed. Already, the level of uncertainty has been decreased with the identification of the proposed alternative and the planned use of an LCS. But it remains our position that the proponent needs to demonstrate that the site can be developed in a manner that protects ground water resources.

Please contact me if you have any questions. I will be out of the office from Aug 2 to 12, inclusive. During my absence, please direct any questions to Jason Lehouillier, Water Resources Unit Supervisor in this office.

Thanks,

Mark Harris, P.Geo
Hydrogeologist
Ministry of the Environment and Climate Change
Southwestern Region
733 Exeter Rd, London, ON. N6E 1L3
519-873-4656

From: Wright, Wesley (MOECC)
Sent: July 29, 2016 10:42 AM
To: Harris, Mark (MOECC)
Cc: Lehouillier, Jason (MOECC); Lafrance, Crystal (MOECC)
Subject: FW: St Marys Landfill EA - Hydrogeology Report

Mark: as discussed, here is the response from Joy (the hydrogeologist who authored the report). She, Jamie Hollingsworth (EA Lead for the project at RJB), and I had a lengthy chat last night, during which I did my best to accurately represent SWR's position.

Thanks,

Wesley

From: Joy Rutherford [mailto:Joy.Rutherford@rjburnside.com]
Sent: July 29, 2016 10:19 AM
To: Wright, Wesley (MOECC)
Cc: Jamie Hollingsworth
Subject: St Marys Landfill EA - Hydrogeology Report

Hi Wesley

Thank you for the frank phone discussion yesterday. Our interest is in working with you to resolve the issues where ever possible. If I can sum up the major points of our discussion yesterday, they were:

1) A need to clearly state which alternative is the preferred Method,
2) A discussion of the impacts, modelling and mitigation measures associated with the preferred Method, and
3) Monitoring requirements for the preferred expansion Method
4) Existing/Historic Monitoring Results

1) Preferred Method

I understand from discussion with the EA team, that Method 3 has been selected as the preferred Method of expansion. This was the highest ranking Method with regards to hydrogeology, however hydrogeology alone was not the determining factor. Until this was decided, the hydrogeology report could only include rankings, not the final decision.

The conceptual footprint and contours for Method 3 are shown on Figure 1, Appendix G of the hydrogeology report. Cross-sections showing the height and locations of all of the Methods are shown in Figures 19, 20 and 21. These sections had to include all of the Methods as this was part of the decision process. These are conceptual and it is my understanding that the Methods will not to be refined any further until the EPA approval stage. Existing monitoring points are shown on Figure 18.

2) Impacts, Modelling and Mitigation Measures for the Preferred Method

Potential impacts and mitigation measures for all Methods were presented in Appendix H. This is perhaps a dense table as it was attempting to identify all possible impacts for all five Methods on a complex site. These impacts and mitigation measures were based on a relatively solid conceptual site model developed from the existing data. This model showed the site to be somewhat complex with perched water in the overburden, the presence of the quarry, the cement kiln dust stockpile, and the watercourse influence on shallow groundwater movement. Based on the conceptual site model, additional software modelling of simple vertical and horizontal migration of contaminants was not done. We felt that such an exercise would not have improved the assessment.

With the selection of Method 3, the mitigation measures can be identified for that Method alone. The most significant measures include in Table H2 Appendix H were:

- The design of a liner and leachate collection system, and
- The design of shallow groundwater controls outside the liner where the new footprint intersects a saturated sand/silt seam

These are expected conditions and were taken into account in the selection of the preferred Method. However, we can incorporate this into the body of the report (rather than through reference to Appendix H) for better clarity.

3) Monitoring and Contingency Measures

The report was remiss in not clearly stating that a new monitoring program with new wells outside the expanded footprint will have to be part of the design. O.Reg. 232/98 requires such a monitoring program be developed as part of the EPA design/approval process, though this may not be clear to the general public. This would also include development of contingency measures appropriate to that EPA design. Again, since the preferred Method was not selected when the report was completed, the actual monitoring locations were not included. It may be premature to discuss specific contingency measures without a detailed (EPA) design. We can incorporate some generic contingency measures and a preliminary monitoring program for the preferred Method, realizing that finalization of both will be determined as part of the detailed (EPA) design.

4) Existing/Historic Monitoring Results

We also discussed current site issues which are the chloride levels in the monitoring wells on the west side of the existing landfill and the need for additional downgradient monitoring for the existing landfill. We agree with the MOECC that these are valid concerns. The west side chlorides are to be investigated during 2016 as part of the current Annual Monitoring Program (part of the site's ECA requirements). We had been deferring installation of the downgradient well(s) since it would likely be removed from an expanding footprint within a short time.

Depending on the staging of construction of a new footprint, the timing of additional drilling is open for discussion. For example, Method 3 can provide several years' capacity through vertical filling and filling between Phase I and Phase II/III. Now that we know Method 3 is preferred, there is time to add downgradient wells between the existing footprint and the watercourse. The wells may still be removed eventually but a few intervening years of data might make them worthwhile.

This email is not meant to be a submission to the MOECC but a summary of our discussion and some points that might move the discussion forward.

Regards
Joy

Joy Rutherford, P.Geo.
Hydrogeologist

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Joy.Rutherford@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3116
www.rjburnside.com

Jamie Hollingsworth

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Friday, July 29, 2016 1:08 PM
To: Jamie Hollingsworth; Joy Rutherford
Subject: FW: St. Marys Landfill. Historical correspondence from Mark Harris
Attachments: RE: St. Mary's Landfill Expansion - EA Terms of Reference; St. Marys Landfill. Interim Expansion.; St Marys Landfill EA. Amended ToR. 2013. MOECC GW Comments .pdf; St Marys Landfill EA. ToR. 2010. MOECC GW Comments .pdf; St Marys Landfill. 2009 Annual Report. MOECC GW Comments.pdf; St Marys Landfill. 2009 Annual Report. MOECC to Municipality.pdf; St Marys Landfill. 2010 Annual Report. MOECC GW Comments.pdf; St Marys Landfill. 2010 Annual Report. MOECC to Municipality.pdf; St Marys Landfill. 2011 Annual Report. MOECC GW Comments.pdf; St Marys Landfill. 2012 Annual Report. MOECC GW Comments.pdf; St Marys Landfill. 2012 Annual Report. MOECC to Municipality.pdf; St Marys Landfill. 2014 Annual Report. MOECC GW Comments.pdf; St Marys Landfill. June 2016 Hydrogeology Study. MOECC Comments.pdf; St. Marys Landfill. EA Hydrogeological Work Plan. MOECC GW Comments. Sept 16, 2015.pdf

Joy/Jamie:

Part of the issue the Regional Office has is that these concerns have been raised/shared in the past, and yet have not been acted on. It's understood that there was a changeover in consultants during this time, but that does not change the fact that these concerns are not only now being shared for the first time.

Please note from Mark's previous email that, especially in light of his now knowing that there will be a LCS for the preferred alternative/proposed expansion, as I understand it there may not be a definitive need for on-site monitoring wells that will then have to be removed prior to construction (so long as it can be demonstrated that the site can be developed in a manner that is protective of groundwater resources). Which is not the worst news that the Town could hear. ;)

Thanks,

Wesley

From: Harris, Mark (MOECC)
Sent: July 29, 2016 12:49 PM
To: Wright, Wesley (MOECC)
Cc: Lehouillier, Jason (MOECC)
Subject: St. Marys Landfill. Historical correspondence from Mark Harris

Hi Wesley,

Attached are the comments that I have prepared through the past 5-6 years about ground water issues at this site. This includes the review of regular annual monitoring reports, as well as comments on two different EA Terms of Reference documents, and the EA Work plan for groundwater.

You will note that my comments are addressed to internal MOECC staff. I have attached several letters in which the Environmental Officer forwarded my comments to the municipality. I can only assume that my other comments have also been forwarded to the

client and/or the consultant.

Please contact me if you have any questions.

Mark Harris, P.Geo
Hydrogeologist
Ministry of the Environment and Climate Change
Southwestern Region
733 Exeter Rd, London, ON. N6E 1L3
519-873-4656

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Monday, June 13, 2016 11:14 AM
To: Jamie Hollingsworth
Cc: Dave Blake (dblake@town.stmarys.on.ca)
Subject: Aboriginal --> Indigenous

Good morning, gentlemen. I just wanted to alert you that the Crown has recently moved to favour the term "Indigenous" over "Aboriginal." We are still in transition regarding this shift in label/terminology, but this is being adopted at both the federal and provincial levels. I realize you are working through the EA; you are not obligated to change the nomenclature, but I thought I'd alert you well in advance should you decide to adopt the new term when working towards writing/finalizing the EA Report.

Thanks,

Wesley

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Wednesday, June 08, 2016 3:26 PM
To: Jamie Hollingsworth
Cc: Dave Blake (dblake@town.stmarys.on.ca); Martina Paznar
Subject: RE: St. Marys - Draft Subject Area Reports Available

Already looking into this… I'll report back tomorrow morning; all others are attending a day-long branch function today. Can you bounce me the Oct 2015 version, please?

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: June 8, 2016 3:16 PM
To: Wright, Wesley (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Martina Paznar
Subject: RE: St. Marys - Draft Subject Area Reports Available

Wesley;

I can confirm that we will be providing notice regarding PIC#2 and the availability of the draft subject area reports in the next day or so. This will be sent to the non-MOECC GRT members listed in the ToR (per my item 2C, below).

Regarding the file you attached, Burnside has a version dated October 2015 in our records (yours was dated May 2015). I will ensure that we compare our contact list of non-MOECC GRT members against the October 2015 list unless you now have something more current.

Take Care,
Jamie

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Wednesday, June 08, 2016 2:44 PM
To: Jamie Hollingsworth
Cc: Dave Blake (dblake@town.stmarys.on.ca)
Subject: RE: St. Marys - Draft Subject Area Reports Available

Thanks, Jamie. I've forwarded this info to our MOECC reviewers. Please confirm that the PIC 2 notice was sent to the non-MOECC GRT members on your project list (from the ToR stage). I can provide you with our most recent version of the external GRT list if you require. I believe the last version is dated May 2015 (see attached).

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: June 8, 2016 11:46 AM
To: Wright, Wesley (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Martina Paznar; Jennifer Vandermeer; Steve Gendron; Andrew Evans; Porchae Baird
Subject: RE: St. Marys - Draft Subject Area Reports Available

Wesley;

Thanks for taking my call this morning to discuss the St. Marys EA status. From our call (and summarizing our discussion), you asked that I provide the following four items. In preparing this schedule I have also considered the timing/dates that you are away from the office – June 18 through July 24 inclusive.

1. When were the draft subject area reports posted?

   The Town web site was updated yesterday (June 7, 2016) with the reports. – Again, the relevant files are at the bottom of this web page. http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

2. When and how have stakeholders been notified?

   Notice of the reports is being provided by A) Town web site, B) Newspaper Advertising, and C) Direct Mail.

   A. The web site Notice (called PIC#2 Notice), was posted yesterday. You can find a copy here: http://www.townofstmarys.com/en/living-here/resources/Documents/032339_Town-of-St-Marys-Notice-of-PIC-2.pdf
   B. The Town is publishing an advertisements in the St. Marys Journal Argus on June 8 and 15, 2016, and in the St. Marys Independent on June 10 and 17, 2016. The advertisement is the same (formatting may differ) as the PIC#2 Notice provided on the Town's web site.
   C. Letters with a copy of the PIC#2 Notice are also being sent to land owners, Aboriginal communities and agencies as described in ToR section 6. I plan to get these letters in the mail by the end of this week (June 10, 2016).

3. When is the end of the stakeholder review period?

   The Public Information Centre (PIC#2) is scheduled for Thursday, June 23, 2016. We intend to request all comments on the draft subject area reports be provided by Friday, July 15, 2016 – so 5 (plus) weeks for review. If there are comments received after this date, the Town and Burnside will respond as necessary and also attempt to incorporate the information into the subject area report or the EA Report as appropriate (we have time, see below).

4. When will the EA Report be submitted to the MOECC?

   Following the stakeholder review period, I think it will take about two weeks to revise the subject area reports and put the finishing touches on the draft EA Report. The draft EA report would then be issued for review around the first week of August 2016. I expect we will provide five or six weeks for the Draft EA Report review period – taking us to about September 9 or 16. Depending on

comments, the EA Report will be finalized two or three weeks later for Final EA submission (end of September or early October).

The draft EA Report and the Final EA Report will be submitted to your attention when available.

Please let me know if you think I missed any important points from our conversation.

Take Care,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Tuesday, June 07, 2016 5:10 PM
To: Jamie Hollingsworth
Subject: RE: St. Marys - Draft Subject Area Reports Available

Hi, Jamie. I'm confused – is this my one-month heads-up for the draft EA? If not, then why am I being sent this notification? Is it because you wish for reviewers to look at the EA reports? If so, please confirm that they are the FINAL documents (i.e,. no further changes prior to inclusion in the EA Report as appendices). I would be willing to send to reviewers but only once finalized. Please advise.

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: June 7, 2016 4:30 PM
To: Wright, Wesley (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Martina Paznar; Porchae Baird; Jennifer Vandermeer; Andrew Evans
Subject: St. Marys - Draft Subject Area Reports Available

Wesley;

Over the last couple of weeks the St. Marys EA Team – the Town and Burnside – has been making our last edits to the draft subject area reports. These are now on the Town's web site for stakeholder review. The relevant files are at the bottom of this web page. http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

The Notice of Public Information Centre #2 (for EA) is also provided on the same web page. We are mailing this to stakeholders and also advertising the Notice in the two local newspapers. The PIC is scheduled for Thursday June 23, 2016.

WRT your comment that, for your review needs, these draft subject area reports should be finalized, I think we are OK. It would only be issues/concerns/items brought forward at this point by stakeholder review, including the PIC comments, that would lead to any of these changing. We intend (as required) to document comments and how they have been addressed in our EA Record of Consultation, which will be provided (later) as part of the EA draft report.

I look forward to hearing from you regarding your reviews of the draft subject area reports.

Take Care,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Wednesday, May 18, 2016 4:47 PM
To: Jamie Hollingsworth
Subject: RE: St. Marys - Amendment to ECA no. A150203

If you can be sure that these subject area reports are finalized (insofar as no further edits/changes will be made or required prior to submitting the draft EA), then by all means send them along (electronic copies only, for now – until I finalize how many hardcopies will be needed). Otherwise, if there is any doubt, best to hold off until later.

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: May 18, 2016 4:39 PM
To: Wright, Wesley (MOECC)
Subject: RE: St. Marys - Amendment to ECA no. A150203

Wesley;

I could likely start sending you some of the Subject Area reports. Four of them have been revised based on Client comments (but still "draft"). Two more are currently under Client review. The (draft) EA Report then follows… and I'm guessing that we're still a bit more than a month away from having it ready for you.

Take Care,
Jamie

**** CONFIDENTIALITY NOTICE ****

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Monday, April 25, 2016 4:26 PM
To: Jamie Hollingsworth
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry ## 300032339.0000

Also, if not yet considered, please also be sure to include source water protection (e.g., identify source protection area, if project is situated within an IPZ, WHPA, SGRA, and if any policies in the submitted/approval Source Protection Plan apply to the project).

Thanks,

Wesley

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Monday, April 25, 2016 4:26 PM
To: Jamie Hollingsworth
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry ## 300032339.0000

Also, if not yet considered, please also be sure to include source water protection (e.g., identify source protection area, if project is situated within an IPZ, WHPA, SGRA, and if any policies in the submitted/approval Source Protection Plan apply to the project).

Thanks,

Wesley

From: Wright, Wesley (MOECC) <Wesley.Wright@ontario.ca>
Sent: Monday, April 25, 2016 4:20 PM
To: Jamie Hollingsworth
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry ## 300032339.0000

That's up to the Town. However, there are a few things I'd like us to discuss – in light of some recent regs/legislation, I want to make sure that the Town is considering some key issues/topics in the EA. We as a ministry are now asking proponents to include this, since it is now top-of-mind for us when reviewing EAs:

- Considering of climate change impacts on the proposed undertaking (e.g., a 200- or 500-yr storm/extreme weather events), and any contingency measures that the Town may wish to consider for the project.
- Cumulative effects
- Capture and beneficial reuse of landfill gas
- Residual and ICI waste diversion rates

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: April 25, 2016 3:26 PM
To: Wright, Wesley (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Tricia Radburn
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry

Wesley;

I hope you're feeling better now.

Thank you for the response letter. I think I need a little time to digest what it says. Are you still of the opinion that a meeting (perhaps by phone) between the Town and the Ministry would be appropriate?

Take Care,
Jamie

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Monday, April 25, 2016 3:03 PM
To: Jamie Hollingsworth
Cc: Dave Blake (dblake@town.stmarys.on.ca); Tricia Radburn; Jed Kelly (jkelly@town.stmarys.on.ca); Brent Kittmer (bkittmer@town.stmarys.on.ca)
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry

Jamie, *et al.* I apologize for the delay in responding and in getting this to you (I was off all of last week, sick with the flu). Attached, please find our response to your March 2, 2016 e-mail below. The original has been sent via lettermail.

Please let me know if you have any further questions.

Thanks,

Wesley

Ministry of the Environment

Environmental Approvals Branch

2 St. Clair Avenue West
Floor 12A
Toronto ON M4V 1L5
Tel.: 416 314-8001
Fax: 416 314-8452

Ministère de l'Environnement

Direction des autorisations environnementales

2, avenue St. Clair Ouest
Étage 12A
Toronto ON M4V 1L5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

April 14, 2016

Mr. Dave Blake
Environmental Coordinator
The Corporation of the Town of St. Marys
408 James Street South, P.O. Box 998
St. Marys, ON N4X 1B6

Dear Mr. Blake:

This letter is in response to the March 2, 2016 e-mail from Jamie Hollingsworth of R.J. Burnside International Limited, (Burnside) on behalf of the Town of St. Marys (Town), regarding consultation efforts with the Haudenosaunee Development Institute (HDI) on the development of the draft St. Marys Landfill Expansion Environmental Assessment.

I understand that your March 2, 2016 e-mail is in response to HDI's letters dated August 7, 2015 and January 28, 2016, and the February 29, 2016 meeting between the Town, Burnside, and HDI.

As you are aware, Aboriginal consultation is a requirement for undertakings subject to the *Environmental Assessment Act*. As part of the decision making process, the Minister of the Environment and Climate Change must ensure that the Crown's duty to consult, together with any statutory consultation obligations, have been met when making decisions with respect to Terms of Reference and Environmental Assessment submissions.

We understand from your email that HDI has asked that you comply with their engagement process and associated application fees. Project proponents are not required to comply with demands by Aboriginal communities to pay application fees to them for projects not located on a reserve. However, the province recognizes that Aboriginal communities may benefit from funding to build consultation capacity or to analyze particular projects, and encourages proponents to consider reasonable requests for such funding on a case-by-case basis. The payment of a fee to an Aboriginal community does not in and of itself fulfill the duty to consult, and not paying a fee to a community does not necessarily mean that the duty to consult has not nor cannot be met.

If a request for funding is received, we recommend that you assess the reasonableness of the proposed costs considering the nature of the information being shared and collected, and how it may help to inform and advance the consultation process and development of the project. The determination of what costs are reasonable will depend on the complexity of the project, the nature of the rights in question, and the nature of the project's potential to impact on those rights. The Ministry does not have funds available to provide capacity funding for projects subject to the *Environmental Assessment Act*. The proponent of the project is expected to provide the funding where it is determined that capacity funding is appropriate.

Other methods that may assist in meaningful consultation with an Aboriginal community include making technical support available so that a community can better understand and review information and studies related to the project, and holding meetings or other forums in a location in close proximity to the community to enable the community to provide information to you.

The Ministry of the Environment and Climate Change (MOECC) acknowledges the efforts made to date by the Town to consult with HDI during the development of the draft Environmental Assessment. The MOECC encourages the Town to continue efforts to consult with HDI directly throughout the environmental assessment process (e.g., Notices and Open Houses), including following-up with HDI to confirm receipt of information.

I would like to thank you for keeping MOECC staff informed of your consultation efforts with HDI during the development of your environmental assessment

I hope the above information is useful. If you have any questions or concerns, please contact Mr. Wesley Wright, Project Officer, at 416-314-8433.

Yours sincerely,

A Cross

Annamaria Cross
Manager
Environmental Assessment Services Section

c: Mr. Jamie Hollingsworth, R.J. Burnside International Limited

From: Jamie Hollingsworth
Sent: Tuesday, March 22, 2016 12:04 PM
To: 'Wright, Wesley (MOECC)'
Cc: Dave Blake (dblake@town.stmarys.on.ca); Tricia Radburn; Jed Kelly (jkelly@town.stmarys.on.ca); Brent Kittmer (bkittmer@town.stmarys.on.ca)
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry

Wesley;

I have spoken to Dave Blake and my Burnside colleagues to obtain the correct information regarding your questions (#5 is from your second email).

1. Please confirm that Oneida, HDI, Six Nations, and HCCC have all been on the Project mailing list for the EA (as they were for the ToR), and that all project notices/Open House invitations and deliverables have been provided to these communities (and all Aboriginal communities identified on the mailing list) – with appropriate follow-up to ensure receipt of notices/project information.

   Burnside can confirm that we have completed mailings and follow-up with:
   - Oneida Nation of the Thames First Nation
   - Six Nations of the Grand River Territory
   - Haudenosaunee Development Institute (HDI)
   - The remaining 11 aboriginal communities listed in Section 6.2 of the Terms of Reference (ToR)

   During preparation of the ToR, Burnside contacted the Haudenosaunee Confederacy Chiefs Council (HCCC). We were directed by the HCCC to coordinate all correspondence through the HDI. HCCC was therefore removed from our contact list for this EA.

2. Is the existing landfill fully enclosed/fenced off, with "no trespassing" signage?

   The landfill is fenced on its western property line and a portion of the northern property limit. No trespassing signs are posted on these fence lines. The western fence line also extends south, beyond the property limit, along the east side of Road 123. There is also a section of fence near the south boundary close to the composting area. Excepting the previously noted fence sections there is no fencing on the property lines shared with St. Marys Cement (the north and east property lines) or the farmed lands to the south. Lands owned by St. Marys Cement (partly surrounding the landfill) have no trespassing signs as does the fencing south of the site along Road 123.

3. If so, for approx. how many years has the property been physically closed off?

It is Burnside's understanding that St. Marys Cement acquired the landfill property in approximately 1912, when they began operations. From air photos we believe the site has been impacted by industrial activity since the 1950s. I think it is fair to say that public access to the site would have ended before the industrial activities started, and very likely around the time St. Marys Cement opened.

4. Have there been any issues with non-compliance at this site?

   Burnside and the Town are not aware of any non-compliance issues at the site.

   Note that Burnside has just completed the *2015 Annual Monitoring Report* for the St. Marys Landfill. Printing and shipping to your colleagues at the London District Office will happen over the next few days. When it is ready I can provide you with a PDF if you'd like – just let me know.

5. And I take it the preferred alternative is expansion of existing site? If so, vertical or horizontal expansion?

   To date, the EA work has completed the evaluation of Export versus Expansion (per TOR Section 5.1), and has decided that expanding the existing site is the preferred alternative. Burnside has not completed the evaluation of the alternative methods of expanding the landfill. Therefore, a preference for vertical or horizontal expansion has not been made.

   As an aside, and from a purely engineering perspective, I would guess that the expansion will be a combination vertical and horizontal (TOR Method 3 from ToR Table 5.3). The vertical expansion does not provide sufficient capacity (volume). A horizontal expansion requires additional infrastructure (capital costs). Obviously there is a lot more to it. Other factors are being considered, so hydrogeology, ecological impacts, etc. will influence the decision.

I hope the above provides you with what you need. Please feel free to call or email if you require any additional information.

Take Care,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Wright, Wesley (MOECC) [mailto:Wesley.Wright@ontario.ca]
Sent: Monday, March 21, 2016 4:41 PM
To: Jamie Hollingsworth
Cc: Dave Blake (dblake@town.stmarys.on.ca); Tricia Radburn; Jed Kelly (jkelly@town.stmarys.on.ca); Brent Kittmer (bkittmer@town.stmarys.on.ca)
Subject: RE: St. Marys Waste EA - Meeting with HDI & Q's for Ministry

Jamie, *et al.* I am working on a response to your e-mail. A few questions:

1. Please confirm that Oneida, HDI, Six Nations, and HCCC have all been on the Project mailing list for the EA (as they were for the ToR), and that all project notices/Open House invitations and deliverables have been provided to these communities (and all Aboriginal communities identified on the mailing list) – with appropriate follow-up to ensure receipt of notices/project information.
2. Is the existing landfill fully enclosed/fenced off, with "no trespassing" signage?
3. If so, for approx. how many years has the property been physically closed off?
4. Have there been any issues with non-compliance at this site?

(Q2 and 3 relate to whether or not there was opportunity for an Aboriginal community to continue to engage in historical land use/hunting/fishing on the landfill site)

Thanks,

Wesley

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: March 2, 2016 9:42 AM
To: Wright, Wesley (MOECC)
Cc: Dave Blake (dblake@town.stmarys.on.ca); Tricia Radburn; Jed Kelly (jkelly@town.stmarys.on.ca); Brent Kittmer (bkittmer@town.stmarys.on.ca)
Subject: St. Marys Waste EA - Meeting with HDI & Q's for Ministry

Wesley;

As part of our ongoing consultation efforts, the Haudenosaunee Development Institute (HDI) requested a formal meeting with the Town regarding the EA. On Monday morning (29-Feb-2016), the Town of St. Marys and Burnside met with the HDI at their office. In summary, the HDI indicated that:

- The Nanfan Treaty (I think this is also known as the "1701 Treaty of Albany") covers all of Southern Ontario, with St. Marys near the centre.
- They are not prepared to surrender any rights (under this or other treaties) to these lands.
- They are willing to come to an agreement, with some form of ongoing compensation or benefit. In this regard it was noted that Six Nations of the Grand River (which is related to HDI) have waste disposal issues and they are currently reviewing options.
- They are a sovereign state with their own laws, and are not bound by Ontario's law. They stated that any development within their treaty areas is therefore subject to their law.
- They want the Town to provide a copy of the original deeds ceding property rights to the land for the entire Town of St. Marys and for the landfill property. (They indicated that it will be highly unlikely to find such documents, but it is an exercise the HDI ask of all project proponents.)
- St. Marys should complete HDI's Application for Consideration and Engagement for Development, and must include an application fee (assumed to be $7,000).
- The Town's letter of 20-Aug-2015, suggesting that a collaborative aboriginal review of the EA process was unacceptable and could be considered racist.
- HDI may request additional funding from St. Marys depending on the scope of review work that they (independent of the Province) require.
- They recognize that St. Marys does not have the authority to negotiate on the Crown's behalf.

The Town was prepared to discuss Town history, the site's development (i.e., St. Marys Cement clay borrow pit from circa 1912 to 1977, then began landfill operations in 1984, etc.) and provide an

overview of the EA process and status as part of the meeting. However, HDI representatives indicated that they would not undertake such efforts until the application fee has been provided. HDI went further and said that the Town could proceed with their EA process and, once it has been submitted to the Minister for review, HDI will be asking the Minister to fulfill the treaty duties. This would no doubt cause additional delays for the Town's approvals.

As additional background I am providing recent correspondence between HDI and the Town for your consideration and review. Specifically:

- HDI's letter of 7-Aug-2015 (followed the Town's 27-Jul-2015 Notice of Public Information Centre, included with Burnside's notice letter to HDI – not attached)
- Town letter of 20-Aug-2015 (with letters sent to others)
- HDI letter of 28-Jan-2016, and
- Town letter of 8-Feb-2106

So, out of this meeting, the Town has a number of questions that Burnside cannot answer. We are therefore reaching out to the Ministry for guidance. The initial questions are:

1. If the Town does not complete (and pay) the HDI Application, is it still completing the duty to consult?
2. If the Town agrees to pay the HDI Application fee, in the eyes of the Province:
    a. Does that commit the Town to continuing with the HDI process and any additional fees/review costs? Or
    b. Would payment fulfill the Town's requirements for duty to consult?
3. What happens for other indigenous groups that are party to the Nanfan Treaty, or other treaties? Does the Town need to engage and financially support each group individually?
4. If compensation is requested by HDI, who negotiates and pays it.

I am certain that additional questions will arise as those above are discussed. The Town would like guidance from the Ministry of the Environment and Climate Change and the Ministry of Aboriginal Affairs to determine how to proceed. A meeting might be the most appropriate method of discussing this matter in a timely fashion.

As you can imagine, the Town wishes to continue the EA efforts with some haste. The interim capacity ECA (A150203, Notice 2, dated 16-Nov-2015) provides for landfill operations only until 30-Sep-2016. I therefore look forward to your early response.

I look forward to your early reply.

Take Care,
Jamie

BURNSIDE

CANADIAN CONSULTING ENGINEERING AWARDS 2015 AWARD OF EXCELLENCE

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

Jamie Hollingsworth/RJB

08/20/2015 04:43 PM

To: "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>,

cc: "Dave Blake" <dblake@town.stmarys.on.ca>, Tricia Radburn/RJB@RJB, Martina Paznar/RJB@RJB

Subject: St. Marys EA (EAIMS No. 09212) - Letters to First Nations

Sue;

As I mentioned during our phone call this afternoon, the Town has now sent letters to seven First Nation communities that had previously expressed an interest in the EA process. I am attaching a PDF file containing all of these letters. It will become part of the EA Record of Consultation. I am expecting a good deal of follow-up with the First Nations that have been contacted, and perhaps some others.

By the way, the complete list of aboriginal communities listed in the TOR (Section 6.2) was notified about the EA commencement (notice sent in February 9, 2015), and then recently about PIC#1 (notice sent July 29, 2015). Only the seven communities receiving this letter have previously indicated an interest in the EA.

Take Care,
Jamie

BURNSIDE

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

032339 Town to First Nations.pdf

Sylvia Waters

From: Jamie Hollingsworth
Sent: Thursday, October 08, 2020 2:31 PM
To: Sylvia Waters
Cc: Tricia Radburn; Philip Rowe
Subject: RE: St. Marys WMP EA - Sept. 24, 2020 Meeting Notes for Status/Next Steps Call

---

From: Archibald, Jenny (MECP) <Jenny.Archibald@ontario.ca>
Sent: Wednesday, October 07, 2020 1:52 PM
To: Dave Blake <dblake@town.stmarys.on.ca>; Jed Kelly <jkelly@town.stmarys.on.ca>; Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Anwar, Kiran (MECP) <Kiran.Anwar@ontario.ca>
Subject: RE: St. Marys WMP EA - Sept. 24, 2020 Meeting Notes for Status/Next Steps Call

Good afternoon Dave,

Thank you for providing your comments. Please see attached the finalized Meeting Minutes from our September 24, 2020 call, incorporating the input from your email below.

Regards,
Jenny

Jenny Archibald
Project Officer | Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5
E: Jenny.Archibald@ontario.ca |T:416-262-1221

If you have any accommodation needs or require communication supports or alternate formats, please let me know.

Si vous avez des besoins en matière d'adaptation, ou si vous nécessitez des aides à la communication ou des médias substituts, veuillez me le faire savoir.

From: Dave Blake <dblake@town.stmarys.on.ca>
Sent: October 2, 2020 10:59 AM
To: Archibald, Jenny (MECP) <Jenny.Archibald@ontario.ca>; Jed Kelly <jkelly@town.stmarys.on.ca>; Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Anwar, Kiran (MECP) <Kiran.Anwar@ontario.ca>
Subject: RE: St. Marys WMP EA - Sept. 24, 2020 Meeting Notes for Status/Next Steps Call

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Good Morning Jenny,

We offer the following comments for consideration regarding the meeting notes:

A. Regarding item 2a, the Town anticipates the surface water reviewer comments are cautionary rather than seeing additional information. Jenny indicated this was the case.
B. For 2b, specifically addressing the Indigenous Advisor's comments, please add "This is discussed further in item 3."
C. In item 3, regarding RRPB comments, Burnside indicated that there was an information request to be addressed by the Ministry. I note Jamie's post-meeting emails with you. Please add this to your meeting notes.

Please let me know if you have any questions.
Thanks,

Dave Blake, C.E.T.
Environmental Services Supervisor

From: Archibald, Jenny (MECP) <Jenny.Archibald@ontario.ca>
Sent: September 29, 2020 11:41 AM
To: Dave Blake <dblake@town.stmarys.on.ca>; Jed Kelly <jkelly@town.stmarys.on.ca>; Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>; Tricia Radburn <Tricia.Radburn@rjburnside.com>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Anwar, Kiran (MECP) <Kiran.Anwar@ontario.ca>
Subject: St. Marys WMP EA - Sept. 24, 2020 Meeting Notes for Status/Next Steps Call

[EXTERNAL]
Hi All,

Thank you again for meeting last week to discuss updates and next steps for the Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment process. Please see the attached draft meeting notes from our call.

If you have any comments on the attached notes, please let me know by October 2, 2020.

Please also note that the Town / R.J. Burnside's request for information from the ministry's Resource Recovery Policy Branch was forwarded to the reviewer for their consideration and response. I will follow up once I hear back.

Thank you,
Jenny

Jenny Archibald
Project Officer | Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5
E: Jenny.Archibald@ontario.ca |T:416-262-1221

If you have any accommodation needs or require communication supports or alternate formats, please let me know.

Si vous avez des besoins en matière d'adaptation, ou si vous nécessitez des aides à la communication ou des médias substituts, veuillez me le faire savoir.

Ministry of the Environment, Conservation and Parks

Environmental Assessment Branch

1st Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Direction des évaluations environnementales

Rez-de-chaussée
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Téléc. : 416 314-8452

Meeting Minutes: **Status Meeting and Path Forward: St. Marys Future Solid Waste Disposal Needs Environmental Assessment**

Meeting Date/Time:	September 24, 2020 10:00am to 11:00am EST	**Teleconference**	Microsoft Teams Meeting
Participants:	Dave Blake (Town of St. Marys) – Organizer Jed Kelly (Town of St. Marys) Jamie Hollingsworth (R.J. Burnside) Tricia Radburn (R.J. Burnside) Andrew Evers (MECP) Kiran Anwar (MECP) Jenny Archibald (MECP)		

Agenda Item / Notes	Action Item(s)
1. Welcome and Introductions - The Town of St. Marys (Town) introduced the purpose of the meeting, which is to follow up with the Ministry of the Environment, Conservation and Parks (MECP) Environmental Assessment Branch (EAB) on next steps for the St. Marys' Future Solid Waste Disposal Needs Environmental Assessment (EA) process following the Town's meeting with the Minister in August 2020.	N/A
2. Update on outstanding or pending items a. Surface Water - The Town requested an update on the status of MECP's review of the R.J. Burnside Technical Memorandum (dated August 17, 2020) responding to MECP's March 2020 surface water comments on the revised draft EA. - MECP informed the Town and R.J. Burnside that the review is ongoing, and written comments will be provided shortly. MECP's technical reviewer has completed a preliminary review of the response memo provided in August 2020, and concerns remain with respect to the cement kiln dust (CKD) pile located on the St. Marys Landfill site. - R.J. Burnside's response memo acknowledges gaps in information with respect to the CKD pile and proposes to conduct further assessment work following the EA (e.g., addressing concerns at the	MECP to provide finalized comments on R.J. Burnside Surface Water Technical Memorandum

Agenda Item / Notes	Action Item(s)

Environmental Compliance Approval stage). The response memo also describes potential monitoring, mitigation measures, and infrastructure that could be implemented, if required, to protect against impacts from the CKD pile.
- MECP informed the Town of the risks of the approach described in the response memo. MECP encouraged the Town to consider the following:
  o If it is determined (through assessment of the CKD pile at a later date) that monitoring, mitigation and potential infrastructure changes are required to address unidentified impacts, this could present delays and potentially significant costs to the Town to implement monitoring and mitigation.
  o If it is determined that a change to the undertaking is required (e.g., if the preferred alternatives identified in the EA cannot be implement, as described), this could be considered a new undertaking for the purpose of the *Environmental Assessment Act*, unless the changes are accounted for in the EA or a condition of approval.
- MECP noted that both of these risks were previously communicated to the Town and R.J. Burnside via MECP's March 2020 surface water comments.
- The Town confirmed that they acknowledge the risks described above, and accept these risk as they wish to proceed with finalizing the EA process.
- The Town asked to confirm whether surface water comments would be cautionary or seeking additional information. MECP confirmed that the comments would communicate the risk noted above.
- The Town requested that MECP structure its comments on the response memo in such a way that it speaks to the Town accepting the risks of their proposal, in order to avoid responding to outstanding requests for additional information on the CKD pile. MECP will provide finalized comments, considering this request, in upcoming weeks.
 	
b. Others, if any:
- MECP noted that, based on the technical review of the Town's responses to air quality and groundwater comments, MECP has no further comments for these subject areas.
- MECP noted responses have not yet been provided by the Town/ R.J. Burnside for MECP's Indigenous Advisor comments, Resource Recovery Policy Branch (RRPB) comments, and the Environmental Assessment Services comments. This is discussed further in item 3.	

3. Update on current status of revisions (RJ. Burnside) a. Technical review update & EA Report update - R.J. Burnside confirmed that responses to the comments above have not yet been provided to MECP; however, responses are under development (there has been a delay given the pandemic). - The Town and R.J. Burnside informed MECP of plans to consult on a revised draft EA with Indigenous communities. Given circumstances, it	The Town and R.J. Burnside will continue to prepare written responses to the ministry's

Agenda Item / Notes	Action Item(s)

may be done virtually; however, the Town and R.J. Burnside will consider how communities would like to be consulted and engaged.
- R.J. Burnside asked about expectations for funding Indigenous consultation on a revised draft EA, and MECP informed the Town that proponents are expected to support consultation on draft and final EAs and bear reasonable costs. MECP can intervene if issues arise.
- The Town asked whether an offer to provide funding would be sufficient in meeting the MECP's expectations, in the event that communities do not respond to the Town. MECP clarified that proponents must make a reasonable effort to engage and follow up with communities and document all efforts. This should be reflected in the Record of Consultation that will accompany the EA.
- R.J. Burnside asked for clarification on expectations for addressing MECP's RRPB comments on the draft EA. It was noted that MECP's RRPB would have to speak to this item specifically; however, the general expectation is that the Town should acknowledge and discuss MECP's policies and guidance and how they have been considered in the EA.
  o R.J. Burnside and the Town agreed to provide written responses/requests for the RRPB reviewer to consider. A follow-up meeting may be scheduled with the RRPB reviewer, if required.
  o R.J. Burnside noted that a request for additional information had been sent to MECP, and would follow up after the call.
	outstanding comments.

4. Discussing next steps and path forward - R.J. Burnside provided a general timeline for next steps, including providing responses in upcoming weeks and circulating a revised draft to Indigenous communities following issues resolution with MECP. - R.J. Burnside indicated that a revised draft EA would be submitted to MECP in the upcoming months, prior to a final EA submission. - MECP reminded the Town and R.J. Burnside that at least three weeks notice is required before submitting a final EA for decision. There are also several administrative steps that need to be taken. - MECP noted that, when the Town is ready to submit a final EA, contact should be made with the MECP Project Officer with appropriate notice to discuss requirements.	N/A

Re: IO Notice

Jamie Hollingsworth to: Predusca, Julia (IO) 02/19/2015 09:52 AM

Cc: "'dblake@town.stmarys.on.ca'", Keith.Noronha, "Wright, Wesley (ENE)", Martina Paznar, Debanjan Mookerjea, lisa.myslicki

Ms. Predusca;

Burnside has received Infrastructure Ontario's letter of February 13, 2015 (attached below). We have reviewed the landowner contact list (records provided by the Town of St. Marys and the Township of Perth South) and determined that there are no Infrastructure Ontario owned/managed lands within the Study Area Vicinity. Based on this, and as requested in the letter, we are removing Infrastructure Ontario from our circulation list.

Take Care,
Jamie

BURNSIDE

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

"Predusca, Julia (IO)" Hello, Please see attached on behalf of Lisa... 02/13/2015 03:34:38 PM

From: "Predusca, Julia (IO)" <Julia.Predusca@infrastructureontario.ca>
To: "'st.marys.waste.ea@rjburnside.com'" <st.marys.waste.ea@rjburnside.com>, "'dblake@town.stmarys.on.ca'" <dblake@town.stmarys.on.ca>,
Date: 02/13/2015 03:34 PM
Subject: IO Notice

Hello,

Please see attached on behalf of Lisa Myslicki,

Thank you,
Have a great weekend!

Julia Predusca
Environmental CO-OP Student
Infrastructure Ontario
1 Dundas St. West, Suite 2000
Toronto, Ontario M5G 2L5
(416)-327-6921

please consider the environment before printing this e-mail.

This email, including any attachments, is intended for the personal and confidential use of the recipient(s) named above. If you are not the intended recipient of the email, you are hereby notified that any dissemination or copying of this email and/or any attachment files is strictly prohibited. If you have received this e-mail in error, please immediately notify the sender and arrange for the return of any and all copies and the permanent deletion of this message including any attachments, without reading it or making a copy. Thank you.

IO EA Notice Letter (3).pdf

Future Solid Waste Disposal Needs.pdf

Ontario
Infrastructure Ontario

One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

February 13th, 2015

To whom it may concern,

Thank you for circulating Infrastructure Ontario (IO) on your Notice. Infrastructure Ontario is the strategic manager of the provincial government's real estate with a mandate of maintaining and optimizing value of the portfolio while ensuring real estate decisions reflect public policy objectives of the government.

As you may be aware, *IO is responsible for managing property that is owned by Her Majesty the Queen in Right of Ontario as represented by the Minister of Infrastructure (MOI).* There is a potential that IO manages lands fall within your study area. As a result, your proposal may impact IO managed properties and/or the activities of tenants present on IO-managed properties. In order to determine if IO property is within your study area, IO requires that the proponent of the project conduct a title search by reviewing parcel register(s) for adjoining lands, to determine the extent of ownership by MOI or its predecessor's ownership (listed below). Please contact IO if any ownership of provincial government lands are known to occur within your study area and are proposed to be impacted. IO managed land can ***include within the title but is not limited to*** variations of the following: Her Majesty the Queen/King, OLC, ORC, Public Works, Hydro One, PIR, MGS, MBS, MOI, MTO, MNR and MEI*. Please ensure that a copy of your notice is also sent to the ministry/agency on title. As an example, if the study area includes a Provincial Park, then MNR is to also to be circulated notices related to your project.

IO obligates proponents to complete all due diligence for any realty activity on IO managed lands and this should be incorporated into all project timelines.

Potential Negative Impacts to IO Tenants and Lands

General Impacts
Negative environmental impacts associated with the project design and construction, such as the potential for dewatering, dust, noise and vibration impacts, impacts to natural heritage features/habitat and functions, etc should be avoided and/or appropriately mitigated in accordance with applicable regulations best practices as well as Ministry of Natural Resources (MNR) and Ministry of the Environment (MOE) standards. Avoidance and mitigation options that characterize baseline conditions and quantify the potential impacts should be present as part of the EA project file. Details of appropriate mitigation, contingency plans and triggers for implementing contingency plans should also be present.

Impacts to Land holdings
Negative impacts to land holdings, such as the taking of developable parcels of IO managed land or fragmentation of utility or transportation corridors, should be avoided. If the potential for such impacts is present as part of this undertaking, you should contact the undersigned to discuss these issues at the earliest possible stage of your study.

If takings are suggested as part of any alternative, these should be appropriately mapped and quantified within the EA report documentation. In addition, details of appropriate mitigation and or next steps related to compensation for any required takings should be present. IO requests circulation of the draft EA report prior to finalization if potential impacts to IO-managed lands are present as part of this study.

416.327.3937 416.327.1906 info@infrastructureontario.ca www.infrastructureontario.ca

Ontario
Infrastructure Ontario

One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

Impacts to Cultural Heritage
Should the proposed activities impact cultural heritage features on IO managed lands, a request to examine cultural heritage features, which can include cultural landscapes, built heritage, and archaeological potential and/or sites, could be required. If the potential for such impacts is present as part of this undertaking, you should contact the undersigned to discuss these issues at the earliest possible stage of your study.

Potential Triggers Related to MOI's Class EA
IO is required to follow the MOI Public Work Class Environmental Assessment Process for (PW Class EA). The PW Class EA applies to a wide range of realty and planning activities including leasing or letting, planning approvals, dispostion, granting of easements, demolition and property maintenance/repair. For details on the PW Class EA please visit the Environment and Heritage page of our website found at

http://www.infrastructureontario.ca/Templates/Buildings.aspx?id=2147490336&langtype=1033

Please note that completion of any EA process does not provide an approval for MOI's Class EA obligations. Class EA processes are developed and in place to assess undertakings associated with different types of projects. For example, assessing the impacts of disposing of land from the public portfolio is significantly different then assessing the best location for a proposed road.

IO is providing this information so that adequate timelines and project budgets can consider MOI's regulatory requirements associated with a proposed realty activity in support of a project. Some due diligences processes and studies can be streamlined. For example, prior to any disposition of land, at minimum a Phase I Environmental Site Assessment and a Stage I Archaeological Assessment and the MOI Category B Environmental Assessment should be undertaken.. Deficiencies in any of these requirements could result in substantial project delays and increased project costs.

In summary, the purchase of MOI-owned/IO-managed lands or disposal of rights and responsibilities (e.g. easement) for IO-managed lands triggers the application of the MOI Class EA. If any of these realty activities affecting IO-managed lands are being proposed as part of any alternative, please contact the Sales, Easements and Acquisitions Group through IO's main line (Phone: 416-327-3937, Toll Free: 1-877-863-9672), and also contact the undersigned at your earliest convenience to discuss next steps.

Specific Comments

Please remove IO from your circulation list, with respect to this project, if MOI owned lands are not anticipated to be impacted. In addition, in the future, please send only **electronic copies of notices** for any projects impacting IO managed lands to:
Keith.Noronha@infrastructureontario.ca

Thank you for the opportunity to provide initial comments on this undertaking. If you have any questions I can be reached at the contacts below.

Sincerely,

Lisa Myslicki
Environmental Advisor, Environmental Management
Infrastructure Ontario
1 Dundas Street West,
Suite 2000, Toronto, Ontario
M5G 2L5
(416) 212-3768
lisa.myslicki@infrastructureontario.ca

* Below are the acronyms for agencies/ministries listed in the above letter

OLC	Ontario Lands Corporation
ORC	Ontario Realty Corporation
PIR	Public Infrastructure and Renewal
MGS	Ministry of Government Services
MBS	Management Board and Secretariat
MOI	Ministry of Infrastructure
MTO	Ministry of Transportation
MNR	Ministry of Natural Resources
MEI	Ministry of Energy and Infrastructure

ONTARIO CANADA
ST. MARYS

BURNSIDE

February 9, 2015

Mr. Peter Reed
Manager Land Use Planning
Ministry of Infrastructure , Growth Policy, Planning and Analysis Branch
1 Dundas Street W.
Suite 2000
Toronto ON M5G 2L5

Re: Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs, Town of St. Marys
File No.: 300032339.0000

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) for the identification and selection of a preferred solid waste disposal option – please see the enclosed Notice of Environmental Assessment Commencement showing the site location and approximate extent of the Study Area.

Please complete the Response Form on the back of this page by 13-Mar-2015 to assist us in understanding your organization/agency's potential involvement with this project. Specifically, we are seeking information on:

- Policies, positions or guidelines implemented or administered by your agency that may affect the waste management option selected.
- Background information pertinent to the environmental inventory of the Study Area.
- Any preliminary comments or concerns that your agency has on the proposed project.
- Other projects proposed within or near the Study Area.

You may also contact either of the study team representatives:

Dave Blake, C.E.T.
The Corporation of the Town of St. Marys
Tel: 519-284-2340
Email: dblake@town.stmarys.on.ca

James Hollingsworth
R.J. Burnside & Associates Limited
Tel: 289-545-1051
Email: St.Marys.Waste.EA@rjburnside.com

All interested stakeholders will be kept up-to-date on project status by means of future mailings, or inclusion in project meetings, as deemed appropriate.

Your participation in this EA study is much appreciated.

ONTARIO CANADA
ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)
Name: Mr. Peter Reed
Title: Manager Land Use Planning
Organization or Agency: Ministry of Infrastructure , Growth Policy, Planning and Analysis Branch
Address 1: 1 Dundas Street W.
Address 2: Suite 2000
City, Prov. & Postal Code: Toronto ON M5G 2L5
Phone:
Fax:
E-Mail: ☐ Prefer email communication

Area of interest or concern/preliminary comments:

Please check below if applicable:

☐ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

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

BURNSIDE

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
Téléc: 416 212 1802

Ontario

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 Asessment 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

From: Hannah Maciver/RJB
To: ian.thornton@ontario.ca
Cc: Tricia Radburn/RJB@RJB
Date: 12/17/2015 08:52 PM
Subject: 032339 St Marys Landfill - Summary Report WSC Auth. #1080066

dear Ian,

As per the conditions outlined in the WSC Authorization permit #1080066 issued to R.J. Burnside & Associates on June 11, 2015, please find attached a summary of our findings from snake cover board surveys conducted in 2015 at the St Marys Landfill, St Marys, ON.

Please let me know if you have any questions.

Thanks,
Hannah Maciver

151217_St Marys_MNRF WSC_AuthNo1080066 Summary.pdf

R.J. Burnside & Associates Limited 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4 CANADA
telephone (519) 823-4995 **fax** (519) 836-5477 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

December 17, 2015

Via: Email

Mr. Ian Thornton
Resource Operations Supervisor
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON N1G4Y2

Dear Mr. Thornton:

Re: Authorization No. 1080066
St. Marys Landfill Site, 1221 Water Street South, St. Marys, Ontario
Summary Report for Wildlife Scientific Collector's Authorization Issued June 11, 2015
Project No.: 300032339.0000

Project Context

R.J. Burnside & Associates Limited (Burnside) has been retained by the Town of St. Marys, Ontario to conduct an Environmental Assessment (EA) of their solid waste disposal on their existing landfill site. The existing St. Marys landfill site, located at 1221 Water Street South, is 37 ha in size and is currently owned by the Town of St. Marys. The Town is currently moving forward with an EA for landfill capacity expansion at this site.

Wildlife Scientific Collector's Authorization

A Wildlife Scientific Collector's Authorization (WSC) was issued to Burnside on June 11, 2015. Hannah Maciver is the Authorization holder. The WSC authorized the holder to "release the captured wildlife in the area of capture, if the captured wildlife [was] not to be removed from that area" for the following species: Eastern Milksnake, Dekay's Brown Snake, Eastern Gartersnake, and Red-bellied Snake.

Burnside understands that a written report covering the operation must be submitted to the authorization issuer no later than January 31 the year following the year of issue and is a prerequisite to any subsequent renewals. This report is in support of this requirement. This report contains a statement outlining the objectives of the operations, the methods used, the number and species of wildlife caught and their fate, as well as a map indicating where the collections took place (attached).

Objectives of the Operations

Prior to the commencement of field investigations in 2015, MNRF Guelph District (Dave Marriott) indicated the potential presence of Eastern Milksnake (SC) and Eastern Ribbonsnake (SC) in the general vicinity of the study area. As part of the EA field surveys proposed for 2015, Burnside staff ecologists conducted snake cover board surveys, as per the MNRF Guelph District recommended survey protocols for Eastern Milksnake. According to the Eastern Milksnake survey protocol, cover board surveys are recommended in order to supplement visual transect surveys of the study area.

Survey Methodology

Burnside biologists laid out 30 (1 m x 1 m) plywood cover boards in various edge habitat locations placed within the 37 ha site on May 8, 2015. These cover boards were uniquely identified and labeled. Please refer to attached figure for locations. Survey dates were as follows: June 12, June 22, July 3, and August 21, 2015.

As per the MNRF protocols, surveys were conducted on sunny days when air temperature was between 8°C and 25°C, or if overcast, when temperature is above 15°C. The date, time and weather conditions for each survey will be recorded. Please refer to Table 1 for a summary of survey conditions.

Cover boards were lifted towards the surveyor. Any species observed under the cover material was photographed, identified to species and recorded on field data sheets. It should be noted that these surveys did **not** involve handling or capturing of any species. The cover material was replaced carefully to the way it was found, minimizing disturbance of the microhabitat and species under it.

Table 1: Snake Cover Board Surveys - Date, Time and Weather Conditions

June 12, 2015	**Cover Boards 1-30**
Time (24h): 0650-1005	Air Temp (°C): 10-18
Sky Code[1]: 0-1	Wind Scale[2]: 0-1
June 22, 2015	**Cover Boards 1-30**
Time (24h): 0645-1034	Air Temp (°C): 15-23
Sky Code[1]: 1	Wind Scale[2]: 0
July 3, 2015	**Cover Boards 1-30**
Time (24h): 0711-1030	Air Temp (°C): 11-18
Sky Code[1]: 0	Wind Scale[2]: 0-2
August 21, 2015	**Cover Boards 1-30**
Time (24h): 1015-1600	Air Temp (°C): 18-23
Sky Code[1]: 1	Wind Scale[2]: 4-5

[1]**NAAMP/Beaufort Sky Codes:** 0=clear (no cloud cover); 1=partly cloudy (scattered or broken) or variable; 2=cloudy or overcast; 3=sandstorm, duststorm or blowing snow; 4=fog, smoke, thick dust, or haze; 5=drizzle or light rain; 6=rain; 7=snow or snow/rain mix; 8=showers; 9=thunderstorms.

[2]**Beaufort Wind Scale:** 0=calm, smoke rises vertically (0-2 km/hr); 1=light air movement, smoke drifts (3-5); 2=slight breeze, wind felt on face; leaves rustle (6-11); 3=gentle breeze, leaves & twigs in constant motion (12-19); 4=moderate breeze, small branches moving, raises dust & loose paper (20-30); 5=fresh breeze, small trees begin to sway (31-39); 6=strong breeze, large branches in motion (40-50).

Summary of Findings

Table 2 provides a summary of species observed during snake cover board surveys. The attached figure shows the locations of cover board units with the corresponding number of cover boards placed at each unit location.

Three species of snakes were observed under cover board materials put out by Burnside or materials adjacent to cover boards: Dekay's Brownsnake, Eastern Gartersnake and Eastern Milksnake. As summarized in Table 2, Eastern Milksnake was observed under a thin, wooden rectangular board directly adjacent to CB 29 and 30 (Unit 8) in long, grassy vegetation. This grassy vegetation is adjacent to the wood/brush pile and is part of a steep, grassy vegetation community that slopes southwards to the edge of the landfill's southern limits. This rectangular board was a random piece of debris from the landfill left by customers dumping wood/brush material in this location. Given that this rectangular board had evidently been present in this location longer than the cover boards placed out by Burnside, the surveyor lifted this material incidentally to check if any species may be underneath. This was essentially located in edge habitat adjacent to the wood/brush pile area of the landfill.

Eastern Milksnake was observed under this woody material on two dates: June 12 and June 22. A snake skin (not identified to species, but assumed to be Eastern Milksnake) was observed under this material on July 3.

Table 2: Summary of Snake Cover Board Surveys

Surveys Conducted by: Hannah Maciver		**PROVINCIAL**	**PROVINCIAL**	**FEDERAL**	**FEDERAL**	**FEDERAL**	**Highest Number Recorded (Cover Board Unit-Number): Condition**	**Comments**
COMMON NAME	***SCIENTIFIC NAME***	***SRANK1***	***SARO (Endangered Species Act, 2007)2***	***COSEWIC3***	***SARA (Species at Risk Act)3***	***SARA Schedule4***		
Dekay's Brownsnake	*Storeria dekayi*	S5	-	-	-	-	1 (1-2): Alive 1 (1-4): Alive 1 (7-26): Alive 1 (8-30): Alive	
Eastern Gartersnake	*Thamnophis sirtalis sirtalis*	S5	-	-	-	-	1 (3-12): Alive 1 (5-19): Alive 3 (8-29): Alive	
Eastern Milksnake	*Lampropeltis triangulum*	S3	SC	SC	Schedule 1	SC	3 (n/a): Alive	Observed under a thin, wooden rectangular board adjacent to CB 29 and 30 (Unit 8) in long, grassy vegetation; edge habitat adjacent to active landfill wood/brush pile area. Approximate UTM Coordinate: 17T 0487438 4786981

Attached is a figure showing the location of the cover boards and associated unit numbers. Should you have any questions or concerns about our findings outlined above or the attached documents, please do not hesitate to contact the undersigned.

Yours truly,

R.J. Burnside & Associates Limited

Hannah Maciver
Terrestrial Ecologist
HM:mp

Enclosure(s) Snake Cover Board Locations

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.

151217_St Marys_MNRF WSC_AuthNo1080066 Summary.docx
17/12/2015 3:37 PM

LEGEND

APPROXIMATE ON-SITE STUDY AREA

SNAKE COVER BOARD PLACEMENT WITH UNIT ID AND NUMBER OF COVER BOARDS PRESENT

Air Photo Source:
Background 2013 satellite / air photoobtained from Google Earth Professional. © Google Earth, use of products are subject to the Terms and Conditions of Licensed Google Earth Software.

N

0 40 80 160 240 320
Metres

BURNSIDE

Client
THE CORPORATION OF THE TOWN OF ST. MARYS

Figure Title
ENVIRONMENTAL ASSESSMENT

SNAKE COVER BOARD LOCATIONS

Drawn	Checked	Date	Figure No.
CD	HM	May 2015	XX
Scale 1:4,000		Project No. 300032339	

File: W:\WORKING DIRECTORY FILE\NET\032339 – St Marys\032339 2015 EA Figures.dwg Date Plotted: May 21, 2015 – 8:57 AM

300032339 St Marys Landfill Site EA - WSC Application - Snake Cover Board Surveys

Hannah Maciver to: Richardson, Kathy (MNRF) 04/22/2015 10:48 AM
Cc: Martina Paznar, Tricia Radburn, david.marriott, graham.buck

hi Kathy,

As per your request below for the St Marys Landfill Site EA, please find attached an outline of our study objectives, Application for a Wildlife Scientific Collector's Authorization, and a map of the study location for conducting snake cover board surveys.

We are hoping to lay out the cover board materials on May 8, 2015, so if you are able to respond to our application prior to this date, that would be greatly appreciated.

Please let me know if you have any questions about the attached documents and/or study objectives/methodology.

Thanks,
Hannah Maciver

150422_St Marys_MNRF WSC_Project Objectives_Snake CB Surveys.pdf

From: "Richardson, Kathy (MNRF)" <kathy.richardson@ontario.ca>
To: Hannah Maciver <Hannah.Maciver@rjburnside.com>
Date: 04/21/2015 11:19 AM
Subject: RE: FW: Snake Cover Board Surveys

Snake cover board surveys require a WSC Authorization

From: Hannah Maciver [mailto:Hannah.Maciver@rjburnside.com]
Sent: April-20-15 9:51 PM
To: Richardson, Kathy (MNRF)
Subject: Re: FW: Snake Cover Board Surveys

Hi Kathy,

When I fill out the application form, none of the activities listed apply to our proposed coverboard surveys - we are not planning on capturing, handling, possessing or killing any species of snakes we observe under the coverboard materials. We will simply set out coverboards and lift the material periodically to identify and record what species we observe under the coverboard. They will not be handled in any way. Can you confirm whether this type of survey still requires authorization? If so, I will require more direction on how you want me to fill out the form.

Thanks,
Hannah

BURNSIDE

Hannah Maciver, B.E.S.
Terrestrial Ecologist

From: "Richardson, Kathy (MNRF)" <kathy.richardson@ontario.ca>
To: "Hannah.Maciver@rjburnside.com" <Hannah.Maciver@rjburnside.com>
Date: 04/20/2015 12:08 PM
Subject: FW: Snake Cover Board Surveys

Yes you will require a WSC authorization.
Please see attached

Kathy Richardson
Senior Fish and Wildlife Technical Specialist
Guelph District

Mailing Address:
MNRF
4890 Victoria Ave
Vineland Ont L0R 2E0
905 562 1177

From: Hannah Maciver [mailto:Hannah.Maciver@rjburnside.com]
Sent: April-14-15 3:36 PM
To: Richardson, Kathy (MNRF)
Subject: RE: Snake Cover Board Surveys

hi Kathy,

What is the process I need to follow to ensure we have authorization to conduct snake cover board surveys? Is there a form I need to fill out and send back to you? We will not be handling any snakes, just simply lifting the boards and checking presence/absence.

Let me know what information you require from me. I can give you more details pertaining to the project, if needed.

Thanks,
Hannah Maciver

BURNSIDE

Hannah Maciver, B.E.S.
Terrestrial Ecologist

From: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
To: Hannah Maciver <Hannah.Maciver@rjburnside.com>, "Buck, Graham (MNRF)" <Graham.Buck@ontario.ca>
Cc: Tricia Radburn <Tricia.Radburn@rjburnside.com>, "Richardson, Kathy (MNRF)" <kathy.richardson@ontario.ca>
Date: 04/14/2015 01:01 PM
Subject: RE: Snake Cover Board Surveys

Hi Hannah,

I would recommend sending it to Kathy Richardson. Kathy has been copied on this email.

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Hannah Maciver [mailto:Hannah.Maciver@rjburnside.com]
Sent: April 14, 2015 10:27 AM
To: Buck, Graham (MNRF); Marriott, David (MNRF)
Cc: Tricia Radburn
Subject: Snake Cover Board Surveys

hi Graham/David,

I am working with Tricia Radburn on the St. Mary's Landfill EA, and in the snake cover board survey protocol you forwarded for Eastern Milksnake, it states:

- Authorization under the *Fish and Wildlife Conservation Act* : not required for active hand search, but **required for a cover board survey**

Do you happen to have contact information for who we are to connect with under the Fish & Wildlife Conservation Act to obtain authorization for these surveys?

Thanks so much,
Hannah Maciver

Hannah Maciver, B.E.S.
Terrestrial Ecologist

R.J. Burnside & Associates Limited
292 Speedvale Avenue West, Unit 20
Guelph, Ontario N1H 1C4
Hannah.Maciver@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1555
www.rjburnside.com

----- Forwarded by Tricia Radburn/RJB on 04/09/2015 10:24 AM -----

From: "Buck, Graham (MNRF)" <Graham.Buck@ontario.ca>
To: Tricia Radburn <Tricia.Radburn@rjburnside.com>
Date: 04/02/2015 03:30 PM
Subject: RE: snake survey protocols

Here you go.

Graham Buck
Management Biologist
Ministry of Natural Resources and Forestry
1 Stone Road West
Guelph ON
N1G 4Y2
519 826 4505
graham.buck@ontario.ca

From: Tricia Radburn [mailto:Tricia.Radburn@rjburnside.com]
Sent: March-26-15 3:02 PM
To: Buck, Graham (MNRF)
Subject: snake survey protocols

Graham,

R.J. Burnside & Associates are conducting and EA for the St. Marys landfill site. We have received information from Dave Marriott that Milksnake and Eastern Ribbonsnake could potentially be present.

Could you please provide us with the appropriate survey protocol for these species?

Thanks.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

**** 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.

R.J. Burnside & Associates Limited 292 Speedvale Avenue West Unit 20 Guelph ON N1H 1C4 CANADA
telephone (519) 823-4995 **fax** (519) 836-5477 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

April 22, 2015

Via: Email

Ms. Kathy Richardson
Senior Fish & Wildlife Technical Specialist
Ministry of Natural Resources and Forestry, Guelph District
4890 Victoria Avenue
Vineland ON L0R 2E0

Dear Ms. Richardson:

Re: Application for a Wildlife Scientific Collector's Authorization
St. Marys Landfill Site, 1221 Water Street South, St. Marys, Ontario
Proposed Project and Objectives for Snake Cover Board Surveys
Project No.: 300032339.0000

Project Context

R.J. Burnside & Associates Limited (Burnside) has been retained by the Town of St. Marys, Ontario to conduct an Environmenta Assessment (EA) of their solid waste disposal on their existing landfill site. The existing St. Marys landfill site, located at 1221 Water Street South, is 37 ha in size and is currently owned by the Town of St. Marys. The Town is currently moving forward with an EA for landfill capacity expansion at this site.

Species at Risk – Eastern Milksnake

MNRF Guelph District (Dave Marriott) has indicated the potential presence of Eastern Milksnake (SC) and Eastern Ribbonsnake (SC) in the general vicinity of the study area. As part of the EA field surveys proposed for 2015, Burnside staff ecologists are requesting authorization to conduct snake cover board surveys, as per the MNRF Guelph District recommended survey protocols for Eastern Milksnake. According to the Eastern Milksnake survey protocol, cover board surveys are recommended in order to supplement visual transect surveys of the study area.

Survey Methodology

Burnside is proposing to place 30 (1 m x 1 m) wood cover boards in various edge habitat locations placed within the 37 ha site in early May 2015. These cover boards will be uniquely identified and labeled and placed out on site in early May. Following this, they will be surveyed a minimum of three times between May and end of June, two weeks apart.

As per the MNRF protocols, surveys will be conducted on sunny days when air temperature is between 8°C and 25°C, or if overcast, when temperature is above 15°C. The date, time and weather conditions for each survey will be recorded.

Cover boards will be lifted towards the surveyor. Any species observed under the cover material will be photographed, identified to species and recorded on field data sheets. **There will be NO handling or capturing of any species.** The cover material will be replaced carefully to the way it was found, minimizing disturbance of the microhabitat and species under it.

Cover boards will remain undisturbed for a minimum of at least two weeks between examinations.

Attached is a study area map location and Application for a Wildlife Scientific Collector's Authorization form. Should you have any questions or concerns about the proposed survey methodology outlined above or the attached documents, please do not hesitate to contact the undersigned.

Yours truly,

R.J. Burnside & Associates Limited

Hannah Maciver
Terrestrial Ecologist
HM:mp

Enclosure(s) Study Area Location Map
Application for a Wildlife Scientific Collector's Authorization (WSC) form

150422_St Marys_MNRF WSC_Project Objectives_Snake CB Surveys.docx
22/04/2015 10:29 AM

Ontario

Ministry of Natural Resources

Ministère des Richesses naturelles

Application for a Wildlife Scientific Collector's Authorization

Demande d'autorisation pour faire la collecte scientifique d'animaux sauvages

☑ New Application / Nouvelle demande d'autorisation

☐ Authorization Renewal / Renouvellement de l'autorisation ▷

Current Authorization No. / Nº d'autorisation actuel

Personal information contained on this form is collected under the authority of the *Fish and Wildlife Conservation Act, 1997* and will be used for the purpose of licencing, identification, enforcement, resource management and customer service surveys. Please direct further enquiries to the District Manager of the MNR issuing district.

Les renseignements personnels dans ce formulaire sont recueillis conformément à la *Loi sur la protection du poisson et de la faune, 1997*, et ils seront utilisés aux fins de délivrance de permis, d'identification, d'application des règlements, de gestion des ressources et de sondage sur les services à la clientèle. Veuillez communiquer avec le chef du district du MRN qui délivre le permis si vous avez des questions.

Please print
Veuillez écrire en caractères d'imprimerie

Name of Applicant ***Nom du demandeur***	Last Name / Nom de famille: Maciver (☐ Mr./M. ☑ Mrs./Mme ☐ Ms./Mlle)	First Name / Prénom: Hannah	Middle Name / Second prénom:
	Name of Business/Organization/Affiliation (if applicable) / Nom de l'entreprise/de l'organisme/de l'affiliation (le cas échéant): R.J. Burnside & Associates Limited		
Mailing address of Applicant ***Adresse postale du demandeur***	Street Name & No./PO Box/RR#/Gen. Del. / Nº, rue/C.P./R.R./poste restante: 292 Speedvale Ave. West., Unit 20		
	City/Town/Municipality / Ville/village/municipalité: Guelph	Province/State / Province/Etat: ON	Postal Code/Zip Code / Code postal/Zip: N1H 1C4
Physical address of applicant (if different from mailing address) ***Adresse physique du demandeur (si elle diffère de l'adresse postale)***	Street Name and No., Lot, Conc. / Nº, rue, lot, conc.		
	City/Town/Municipality / Ville/village/municipalité	Province/State / Province/Etat	Postal Code/Zip Code / Code postal/Zip
Phone numbers ***Nos de téléphone***	Home telephone / Résidence: Area Code / Code rég. Tel. # / Nº Ext. / Poste	Business telephone / Bureau: Area Code / Code rég. Tel. # / Nº Ext. / Poste: 226. 486. 1555 x1555	Fax / Téléocopieur: Area Code / Code rég. Tel. # / Nº: 519. 836. 5477
Names of Assistants ***Nom des adjoints*** *(Attach list, if insufficient space)* *(Joignez une liste si vous manquez d'espace)*	Last Name / Nom: Radburn	First Name / Prénom: Tricia	Middle Name / Second prénom:
	Butt	Kevin	
	Gallagher	Ashley	
	Pfohl	Chris	
	Soeting	Devin	

Activities
Activités

☐ **Capture wildlife of the species and in the numbers, set out below.**
Capturer les espèces et le nombre d'animaux sauvages indiqués au verso

and/or / et/ou

☐ Keep game wildlife or specially protected wildlife in captivity for the purposes of education or science.
Garder des animaux sauvages spécialement protégés et du gibier sauvage en captivité à des fins éducatives et scientifiques

☐ Release the captured wildlife in the area of capture, if the captured wildlife is not to be removed from that area.
Remettre en liberté les animaux sauvages capturés dans la zone de capture si les animaux capturés ne doivent pas être enlevés de cette zone

OR / OU

☐ **Capture and kill wildlife of the species set out below.**
Capturer et tuer les animaux sauvages indiqués au verso

* Please see attached outline of proposed activities.

Yes/Oui	No/Non	
☐	☑	Wildlife will be kept in a research facility registered under the Animals for Research Act. Les animaux sauvages seront gardés dans une installation de recherche approuvée par la *Loi sur les animaux destinés à la recherche*.

FW1030 (02/99)

continued on Page 2 / suite à la page 2

Gear to be used
Matériel qui sera utilisé

1m x 1m wooden cover boards for snake presence/absence surveys
Approximately 30 in total.

Collection Information
Données sur la collecte

Date/Collection Period *From-To / Date/période de collecte De - à*

Y/A	Y/A	Y/A	Y/A	M	M	D/J	D/J	Y/A	Y/A	Y/A	Y/A	M	M	D/J	D/J
2	0	1	1	5	0	1	5	0	1	1	2	0	1	1	5	0	6	3	0

No species will be collected. Only incidental observations of species will be recorded.

(Attach list, if insufficient space)
(Joignez une liste si vous manquez d'espace)

Potential species:

Species / Espèce	Numbers / Nombre	MNR District / District du MRN	Location / Endroit
Eastern Milksnake	unk.	Guelph	St Marys, ON
Dekay's Brown Snake	unk.	Guelph	St Marys, ON
Eastern Gartersnake	unk.	Guelph	St Marys, ON
Red-bellied Snake	unk.	Guelph	St Marys, ON

Attachments
Pièces jointes

Yes/Oui	No/Non	
☑	☐	An outline of the proposed project/collection and the objectives of the study. Or if an educational institution, a statement from an authorized officer (department head) of the institution indicating the educational institution's endorsement of the project and an outline of the objectives of the study. Aperçu du projet/de la collecte proposé(e) et des objectifs de l'étude. S'il s'agit d'un établissement d'enseignement, déclaration d'une personne autorisée (chef de service) de l'établissement attestant son appui pour le projet et aperçu des objectifs de l'étude
☐	☑	Approved animal care protocol Protocole approuvé de soins aux animaux
☐	☑	A copy of your current banding permit (Master's or Sub-permit), if you are banding birds. Exemplaire de votre permis actuel pour baguer (permis principal ou sous-permis) si vous baguez des oiseaux

I certify that the information provided in this application is true.
Je certifie que les renseignements fournis dans cette demande sont véridiques.

Signature of Applicant / Signature du demandeur: Hanna Lacivita

Date of application / Date de la demande: Y/A Y/A Y/A Y/A M M D/J D/J — 2011 5 01 20

123
Saint Marys Landfill Site
Water St S
© 2015 Google

From: "Timmerman, Art (MNRF)" <art.timmerman@ontario.ca>
To: Tricia Radburn <Tricia.Radburn@rjburnside.com>
Date: 03/02/2015 10:31 AM
Subject: RE: Request for Fish Records- St. Marys

FYI Tricia:

Tributary – minnows abundant

North Thames River – smallmouth bass, rock bass, common shiner, white sucker, greenside darter, pumpkinseed, central stoneroller, spotfin shiner, common carp, striped shiner, rosyface shiner, mimic shiner, bluntnose minnow, blacknose dace, johnny darter blackside darter, northern pike, largemouth bass, creek chub, northern hog sucker

Art Timmerman
Management Biologist
Ontario Ministry of Natural Resources and Forestry
Guelph District

519-826-4935

From: Tricia Radburn [mailto:Tricia.Radburn@rjburnside.com]
Sent: Friday, February 27, 2015 4:01 PM
To: Timmerman, Art (MNRF)
Subject: Request for Fish Records- St. Marys

Mr. Timmerman,

R. J. Burnside & Associates Limited is conducting an Environmental Assessment on behalf of the Town of St. Marys to review the Town's landfill and consider options for managing solid waste in the future. There is an unnamed watercourse which runs through the landfill property and crosses Water St. before emptying into the Thames River. We have received correspondence from Dave. Marriott which notes that you may have fish collection records for the watercourse at its crossing with Water St.

We would appreciate a copy of any fish records/habitat assessments you may have for this area.

A copy of the Notice of Commencement is attached which shows the Study Area.

Thanks so much.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

Martina Paznar

From: Joy Rutherford
Sent: Monday, February 29, 2016 2:31 PM
To: Marriott, David (MNRF)
Cc: Martina Paznar
Subject: RE: St. Marys EA (300032339.0000) - MNR and ARA License ## 300032339.0000

Thanks Dave. Since the Site Plan amendment that is needed will have to come from the Town and St Marys Cement, we've forwarded your request for a site visit to the Town.
Joy

From: Marriott, David (MNRF) [mailto:David.Marriott@ontario.ca]
Sent: Monday, February 22, 2016 12:04 PM
To: Joy Rutherford
Cc: Sutherland, Kristy (MNRF)
Subject: RE: St. Marys EA (300032339.0000) - MNR and ARA License ##300032339.0000

Hi Joy,

There was a partial surrender of the site that was approved in 2015. The area surrendered includes a small triangular piece north of Water Street. Please see the attached letter.

As previously noted, the MNRF recommends that a site visit be scheduled with the project team etc. to review the existing license, and the options to consider under the *Aggregate Resources Act* (e.g. license surrender) moving forward with the Environmental Assessment.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Joy Rutherford [mailto:Joy.Rutherford@rjburnside.com]
Sent: February 17, 2016 3:02 PM
To: Marriott, David (MNRF)
Cc: Jamie Hollingsworth; Tricia Radburn; Martina Paznar
Subject: FW: St. Marys EA (300032339.0000) - MNR and ARA License

Hi Dave,

Burnside is continuing to work on an EA to address the future waste management for the Town of St. Marys. As part of the work, I'm currently writing a hydrogeology report on the existing St. Marys Landfill Site.

You had previously provided comment on the EA. The email chain below highlighted the St Marys Cement licence that was still in place on the landfill site. You had also provided a map (see attachment) showing licences on the surrounding St Marys Cement properties.

The previous map is three years old (Jan 2013); therefore, I wanted to check with you for updates regarding licences on the surrounding properties or on the landfill itself.

Thanks
Joy

From
From: Tricia Radburn/RJB
To: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
Cc: "Sutherland, Kristy (MNRF)" <Kristy.Sutherland@ontario.ca>, Jamie Hollingsworth/RJB@RJB
Date: 03/06/2015 03:56 PM
Subject: Re: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Thanks Dave,

We have forwarded the information about the ARA licence to Dave Blake at the Town of St. Marys. We concur that a meeting would be helpful. In order to have an informative site visit we will need to wait until the snow melts, likely sometime in April. We'll be in touch with both you and Kristy closer to that time to arrange a meeting.

Thanks so much.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

"Marriott, David (MNRF)" ---03/05/2015 11:10:39 AM---Hi Tricia, I apologize, the email I was referring to was sent to MOECC in response to the draft TOR.

From: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
To: "Tricia.Radburn@rjburnside.com" <Tricia.Radburn@rjburnside.com>
Cc: "Sutherland, Kristy (MNRF)" <Kristy.Sutherland@ontario.ca>, "Wright, Wesley (MOECC)" <Wesley.Wright@ontario.ca>
Date: 03/05/2015 11:10 AM
Subject: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Tricia,

I apologize, the email I was referring to was sent to MOECC in response to the draft TOR. Please refer to the below and the attached.

Our files indicate that the portion of the site is still under an ARA license. It is recommended that a meeting be scheduled with the project team and the MNRF, to determine how this matter will be addressed moving forward (e.g. license surrender). A site visit may also be helpful to see the current condition of the license area.

Please note that Kristy Sutherland is the MNRF Aggregate Technical Specialist on this file.

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Marriott, David (MNR)
Sent: January 8, 2013 1:26 PM
To: Wright, Wesley (ENE)
Cc: May, Stephen (MNR); Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)
Subject: RE: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Wesley,

I apologize for the delay in responding.

The Ministry of Natural Resources (MNR) Guelph District Office is in receipt of the proposed Terms of Reference (TOR) for the St. Marys Landfill Site Capacity Expansion. The TOR is being completed to provide the framework for an individual Environmental Assessment (EA), in accordance with the *Environmental Assessment Act.*

It is understood that the existing landfill footprint has an approved capacity of 380,000 m^3, which operates under Environmental Compliance Approval (ECA) No. A150203 (dated June 24, 2010). The landfill site is approximately 37 hectares. Two study areas are proposed in the TOR to support the development of the EA. This includes the Site Study Area and the Local Study Area, as described in Section 8.0 of the TOR. Section 1 indicates that a portion of the site is also a former clay pit. This area is currently licensed in accordance with the *Aggregate Resources Act*. MNR staff can confirm that the area(s) currently under license also includes the lands to the north, east and south of the site (see attached figure).

MNR staff have reviewed the TOR, and offer the following preliminary comments for your consideration:

- The TOR (Sections 9.1 and 9.2) has generally described the natural heritage features within the Site and Local Study Areas. It is understood that a Surface Water Condition Study and a Biological Features and Conditions Study will be completed in support of the EA (Section 12). Please note that the Ministry has several known records (e.g. species at risk) within the Local Study Area. MNR staff can also advise that there is the potential for other unknown records/features to be present within the study areas. It is recommended that prior to commencing these studies the Ministry be contacted for detailed natural heritage information and advice that may be relevant to the EA.

- Section 14 of the TOR has indicated that approval may also be required under the *Aggregate Resources Act.* MNR staff notes that the existing Rehabilitation Plan for the

licensed portion of the site states that the area will be rehabilitated to an agricultural use. Please be advised that the licensee is required to operate their site in accordance with the Site Plans upon which the licence is based. A major site plan amendment would be required to support the landfill expansion, or this portion of the license would have to be partially surrendered in accordance with the Act. It is recommended that a meeting be scheduled with the Ministry to review the license's existing Site Plans, and the potential implications of the legislation.

- As noted above, the area(s) surrounding the site are also currently licensed under the *Aggregate Resources Act*. In keeping with the Provincial Policy Statement (PPS), mineral aggregate operations shall be protected from development and activities that would preclude or hinder their expansion or continued use. It is recommended that Section 12 in the TOR include a 'Mineral Aggregate Study' to ensure that the EA appropriately considers the impact the expansion may have on the current or future operations of these licensed areas.

I trust that the above will be of assistance. Please contact the undersigned if further comment or clarification is required.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Wright, Wesley (ENE)
Sent: January 2, 2013 5:16 PM
To: Marriott, David (MNR)
Cc: Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)
Subject: RE: St. Marys Landfill Site Capacity EA TOR - MNR
Importance: High

Dave, hi. Happy new year to all. ☺

Time is very tight on this package, with a draft to be prepared for January 10. How soon can I expect to get comments from MNR, and most importantly, have you any showstopping concerns about the project at the Terms of Reference (as opposed to the EA) phase?

Thanks,

Wesley Wright | Project Officer
Environmental Approvals Branch | Ministry of the Environment
2 St. Clair Avenue West, Floor 12A | Toronto ON | M4V 1L5
T 416.325.5500 | **T** 1.800.461.6290 | **F** 416.314.8452 | **E** wesley.wright@ontario.ca

Please consider your environmental responsibility before printing this email.

<hr size=2 width="100%" align=center tabindex=-1>

From: Marriott, David (MNR)
Sent: December 18, 2012 10:19 AM
To: Wright, Wesley (ENE)
Cc: Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)
Subject: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Wesley,

MNR Guelph District staff are in receipt of the proposed Terms of Reference (TOR) for the 'St. Marys Landfill Site Capacity Expansion' Environmental Assessment (EA). Please note that the Ministry does have an interest in providing comments on the TOR, but will require additional time.

I hope to have comments for your consideration early in the New Year.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

[attachment "StMarysLandfillExpARASites-07-01-2013.pdf" deleted by Jamie Hollingsworth/RJB]

Martina Paznar

From: Joy Rutherford
Sent: Monday, February 29, 2016 2:31 PM
To: Marriott, David (MNRF)
Cc: Martina Paznar
Subject: RE: St. Marys EA (300032339.0000) - MNR and ARA License ## 300032339.0000

Thanks Dave. Since the Site Plan amendment that is needed will have to come from the Town and St Marys Cement, we've forwarded your request for a site visit to the Town.
Joy

From: Marriott, David (MNRF) [mailto:David.Marriott@ontario.ca]
Sent: Monday, February 22, 2016 12:04 PM
To: Joy Rutherford
Cc: Sutherland, Kristy (MNRF)
Subject: RE: St. Marys EA (300032339.0000) - MNR and ARA License ##300032339.0000

Hi Joy,

There was a partial surrender of the site that was approved in 2015. The area surrendered includes a small triangular piece north of Water Street. Please see the attached letter.

As previously noted, the MNRF recommends that a site visit be scheduled with the project team etc. to review the existing license, and the options to consider under the *Aggregate Resources Act* (e.g. license surrender) moving forward with the Environmental Assessment.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

Jamie Hollingsworth

From: Tricia Radburn
Sent: Friday, March 06, 2015 3:56 PM
To: Marriott, David (MNRF)
Cc: Sutherland, Kristy (MNRF); Jamie Hollingsworth
Subject: Re: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Thanks Dave,

We have forwarded the information about the ARA licence to Dave Blake at the Town of St. Marys. We concur that a meeting would be helpful. In order to have an informative site visit we will need to wait until the snow melts, likely sometime in April. We'll be in touch with both you and Kristy closer to that time to arrange a meeting.

Thanks so much.

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

"Marriott, David (MNRF)" ---03/05/2015 11:10:39 AM---Hi Tricia, I apologize, the email I was referring to was sent to MOECC in response to the draft TOR.

From: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
To: "Tricia.Radburn@rjburnside.com" <Tricia.Radburn@rjburnside.com>
Cc: "Sutherland, Kristy (MNRF)" <Kristy.Sutherland@ontario.ca>, "Wright, Wesley (MOECC)" <Wesley.Wright@ontario.ca>
Date: 03/05/2015 11:10 AM
Subject: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Tricia,

I apologize, the email I was referring to was sent to MOECC in response to the draft TOR. Please refer to the below and the attached.

Our files indicate that the portion of the site is still under an ARA license. It is recommended that a meeting be scheduled with the project team and the MNRF, to determine how this matter will be addressed moving forward (e.g. license surrender). A site visit may also be helpful to see the current condition of the license area.

Please note that Kristy Sutherland is the MNRF Aggregate Technical Specialist on this file.

Dave

Dave Marriott

From: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
To: "Tricia.Radburn@rjburnside.com" <Tricia.Radburn@rjburnside.com>
Cc: "Timmerman, Art (MNRF)" <art.timmerman@ontario.ca>, "Buck, Graham (MNRF)" <Graham.Buck@ontario.ca>
Date: 02/24/2015 03:02 PM
Subject: FW: St. Marys Landfill EA Request for Information

Hi Tricia,

The Ministry of Natural Resources and Forestry (MNRF) Guelph District Office has had an opportunity to review the natural heritage information and records for the St. Marys Landfill on-site study area, and the areas in the vicinity of the site. It is understood that the Town is undertaking an individual Environmental Assessment (EA) for the project, and will be completed in accordance with the reporting requirements under the *Environmental Assessment Act.* It is also understood that the existing landfill site at 1221 Water Street South is nearing its approved capacity. The purpose of the EA will be to review options to manage solid waste over the next 40 years. Based on the Notice of Commencement attached, the MNRF can provide the following information and comments for the project team's consideration.

The Ministry has developed a web application (Make a Map) that can make custom maps of select natural heritage features (https://www.ontario.ca/environment-and-energy/make-natural-heritage-area-map). This includes, provincial wetland and Areas of Natural Scientific Interest (ANSI) mapping, and tracked species information from the Natural Heritage Information Center (NHIC) etc. It is recommended that this application be reviewed by the project team.

ANSI

The St. Marys Cement Co provincially significant earth science ANSI is within the vicinity of the on-site study area (on the opposite side of the Thames River). The boundary for this feature can be mapped by using the above noted 'Make a Map' application.

Fisheries

MNRF staff notes that fisheries surveys/habitat assessments have been completed for the Thames River, and for the unnamed tributary crossing the on-site study area (at the crossing of Water Street South).

It is recommended that the project team contact Art Timmerman (Management Biologist) at (519) 826-4935 or art.timmerman@ontario.ca to review the fisheries information available for the on-site

study area, and the areas in the vicinity of the site.

Species at Risk

There are several aquatic species at risk (SAR) known within the vicinity of the on-site study area, within the Thames River. This includes, listed mussels (Wavy-rayed Lampmussel, Rainbow Mussel, and Rayed Bean), Black Redhorse, Spiny Softshell, Bald Eagle, Map Turtle, and Snapping Turtle. It is recommended that the EA demonstrate that there will be no negative impacts to these species or their habitats.

There are no known SAR records for the on-site study area. Please be advised however, that because the province has not been surveyed comprehensively for the presence of listed species, the absence of a record is not an appropriate indicator for the absence of SAR from an area. To determine the presence of SAR for a given study area, the District's recommended approach includes the following:

I. Habitat Inventory

MNRF staff recommends undertaking a comprehensive botanical inventory of the entire area that may be subject to direct and indirect impacts from the proposed activity. The vegetation communities should be classified as per the "Ecological Land Classification (ELC) for Southern Ontario" system, to either the "Ecosite" or "Vegetation Type" level. With respect to aquatic habitats in the study area, we recommend you collect data on the physical characteristics of the waterbodies and inventory the riparian zone vegetation, so that these habitats can be classified as per the Aquatic Ecosites described in the ELC manual.

II. Potential Species at Risk within the Study Area

A list of SAR that have the potential to occur in the area can be produced by cross-referencing the ecosites described during the habitat inventory with the habitat descriptions of SAR known to occur within the planning area. The list of SAR known to occur in St. Marys and Perth South is attached for your reference. The species-specific COSEWIC status reports (www.cosewic.gc.ca) are a good source of information on habitat needs and will be helpful in determining the suitability of the study areas ecosites for a given species.

Please note that the Species at Risk in Ontario list (SARO) is a living document and is amended periodically as a result of species assessment and re-assessments conducted by the Committee on the Status of Species at Risk in Ontario (COSSARO). The SARO list can be accessed on the webpage https://www.ontario.ca/environment-and-energy/species-risk-ontario-list.

COSSARO also maintains a list of species to be assessed in the future. It is recommended to take COSSARO's list of anticipated assessments into consideration, especially when the proposed start date of the activity is more than 6 months away, or the project will be undertaken over a period greater than 6 months. The list can be viewed at http://www.ontario.ca/environment-and-energy/help-protect-species-risk.

SAR habitat prescribed under regulation can be accessed on the Environmental Registry and searching for postings related to Ontario Regulation 242/08 under the *Endangered Species Act* .

III. Species at Risk Surveys

Ministry staff are of the opinion that each SAR identified under Step II should be surveyed for, regardless of whether or not the species has been previously recorded in the area. The survey report should describe how each SAR was surveyed for, and provide a rationale for why certain species were not afforded a survey (e.g. habitat within the study area is not suitable for a specific SAR). Please note that some targeted surveys may require provincial authorizations.

Other information

It is recommended that you contact the local conservation authority and municipality for any additional information or records for the study area.

I hope this is of assistance.

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Tricia Radburn [mailto:Tricia.Radburn@rjburnside.com]
Sent: February 20, 2015 11:47 AM
To: Marriott, David (MNRF)
Subject: Fw: St. Marys Landfill EA Request for Information

Sorry I didn't include the attachment.

Tricia

**** 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.

****

----- Forwarded by Tricia Radburn/RJB on 02/20/2015 11:46 AM -----

From: Tricia Radburn/RJB
To: david.marriott@ontario.ca
Date: 02/20/2015 11:40 AM
Subject: St. Marys Landfill EA Request for Information

Dave,

I hope all is well with you and your family. I am now back to work after my maternity leave and am getting involved in EA work once again. Attached is the Notice of Study Commencement for the St. Marys Landfill Individual EA. A copy has also been mailed to you. At this time, we are requesting any information the MNR may have regarding the existing St. Marys landfill site, including records of species at risk, ANSIs or any other natural features.

We are also requesting information on procedures for assessing the significance of features, specifically Significant Wildlife Habitat. We note that the draft Ecoregion Criteria Schedules are no longer available online. If you would like us to follow the schedules, could you please forward us a copy of the most recent version?

Any other information, concerns or recommendations you have that may be of relevance to the study would be greatly appreciated.

Kind Regards,

032339_Town of St. Mary's Notice of Commencement.pdf

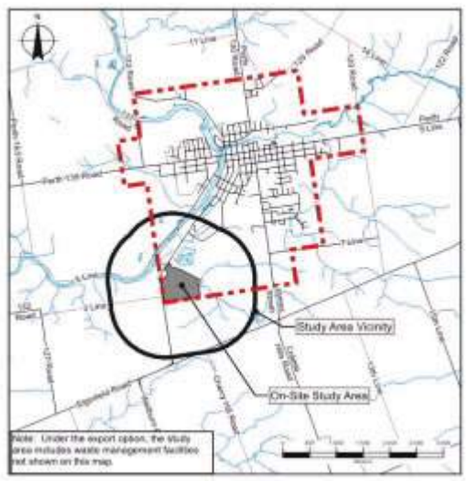
MNRF Guelph District - Perth South SAR List.xlsx

MNRF Guelph District - St Marys SAR List.xlsx

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

The Town of St. Marys (Town) is undertaking an individual environmental assessment (EA) under the Environmental Assessment Act for the identification and selection of a preferred solid waste disposal option for the Town.

The St. Marys landfill site, located at 1221 Water Street South, is nearing its current approved capacity. The Town is reviewing options to manage solid waste over the next 40 years. Options include 1) closing the existing landfill and transporting waste to another disposal facility outside of the Town, or 2) expanding the existing landfill.



The Process

The first step in the EA process was the preparation of Terms of Reference (TOR), setting out the parameters of the study. In December 2014, the Ministry of Environment and Climate Change approved the TOR for the St. Mary's Future Solid Waste Disposal Needs EA. The full TOR is available for download on the Town's website: http://www.townofstmarys.com/waste-management.aspx#Special_Projects. A paper copy of the TOR may also be reviewed at the following locations:

- Town Hall: 175 Queen Street East, St. Marys, ON N4X 1B6
- Municipal Operations Centre: 408 James St. S., St. Marys, ON N4X 1B6

The next step is to complete the environmental assessment. This study will be carried out according to the approved TOR and the requirements of the Environmental Assessment Act. Results from this study will be documented in an environmental assessment report, which will be submitted to the Ministry of the Environment and Climate Change for review. At that time, the public, Aboriginal communities and other interested persons will be informed when and where the environmental assessment can be reviewed.

Consultation

Members of the public, agencies and other interested persons are encouraged to participate in the study by attending consultation opportunities or contacting staff directly with comments or questions. Consultation opportunities are planned throughout the study. Public Information Centres will be held during the EA process and will be advertised on the Town's website, in the St. Marys Journal Argus and the St. Marys Independent, as well as through direct communications with local landowners, Aboriginal communities, and review and utility agencies.

If you would like to be added to the project mailing list or have project-related questions, 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
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 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.

First Published on 9-Feb-2015

VIA MAIL

December 18, 2019

Ministry of Transportation
659 Exeter Road
London, ON N6E 1L3

Attention: Mr. Zsolt Katzirz
Zsolt.katzirz@ontario.ca

RE: FUTURE SOLID WASTE DISPOSAL NEEDS ENVIRONMENTAL ASSESSMENT
ST. MARYS LANDFILL SITE, 1221 WATER STREET SOUTH, ST. MARYS, ONTARIO

This letter has been drafted in response to an August 4, 2017 letter from the Ministry of Transportation relating to the Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment as well as follow up communication on March 1, 2018.

The Town of St. Marys wishes to clarify that the landfill expansion will only be to service the Town of St. Marys residents and that excess capacity is not expected to be sold to outside entities which could involve increased traffic around the Site beyond Water Street South.

Additionally, the Town understands that the MTO shall not be held responsible for impacts to the landfill site or landfill site operations from any closures or impacts to Highway 7 resulting from MTO maintenance, operations, repairs or construction.

Should there be any questions and / or concerns with regards to this matter, please contact the undersigned at your earliest convenience.

Sincerely,
TOWN OF ST. MARYS – PUBLIC WORKS DEPARTMENT, ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Services Supervisor
dblake@town.stmarys.on.ca
T: 519-284-2340 x 209

St. Marys Future Solid Waste Disposal Needs Individual Environmental Assessment

Response Action Plan Implementation (Addressing MECP comments through April 9, 2019)

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
Ministry of the Environment and Climate Change (MOECC)							
		Environmental Assessment Services Section Agni Papageorgiou, Special Project Officer Dated: September 22, 2017					
1	1	In advance of the ministry's technical review, the ministry identified gaps in the level of information provided in the draft EA. In its response to these concerns (letter dated August 10, 2017), the proponent often pointed to the appendices for information. The ministry wishes to clarify that the main body of the EA should contain sufficient information for a complete understanding of the potential undertaking, the existing environment, evaluation of alternatives, environmental effects, and impact management, as well as consultation undertaken throughout the EA process. Appendices serve to provide additional technical information and data for the interested reviewer or reader, and should be referenced in the main body of the EA where they contain critical information to support the understanding of the undertaking and its potential effects on the environment. The EA document, including supporting appendices, must be logically organized to ensure that information is accessible.	The main body of the EA Report must be revised to include sufficient information, with references to appendices where additional information is presented.	Descriptive summaries of the Study Area will be brought forward from the subject area reports (Attachment F). We will reflect the industrial (St. Marys Cement) and agricultural (Township of Perth South) nature of the area surrounding the existing St. Marys Landfill. The Evaluation Tables of Attachment A will be moved into the body of the EA Report. Similarly, brief descriptions of the Alternative Methods (conceptual designs) will be brought forward from Attachment E. ** efforts modified by MECP Comment dated Apr. 9, 2019 **	N/A	5.3 and 6.4	
2	2	In accordance with section 2.(1) of Regulation 334, the EA should contain a list of studies and reports which are under the control of the proponent and which were done in connection with the undertaking or matters related to the undertaking. The EA should also include a list of additional studies and reports that relate to the undertaking, but are not under the control of the proponent. The draft EA does not include a consolidated list of studies and reports led by the proponent in connection with the undertaking, or a list of additional studies and reports related to the undertaking.	Revise EA Report to include a list of studies and reports completed by the proponent, as well as a list of additional studies and reports that relate to the undertaking but are not under the control of the proponent.	A list of studies and reports (identified by whether they are in or out of the control of the proponent) will be included in Section 6.0, Methodology.	N/A	1.3	
3	3	In accordance with the conditions of approval of the ToR, including revisions to Section 2.1.2 of the ToR, the Town is required to review increased waste diversion opportunities in parallel with the EA, and adjust the proposed landfill capacity and planning period to reflect future estimates and requirements. However, the draft EA proposes a disposal capacity of 708,000 m^3 over a 40 year planning period, and identifies that this volume does not include any potential increases to diversion that may be realized over that period. Since approval of the ToR, Ontario has put in place further legislation and guidance highlighting the importance of waste diversion, and establishing provincial targets for waste reduction and diversion, namely the Waste-Free Ontario Act (2016), and supporting Strategy for a Waste Free Ontario: Building a Circular Economy (2017). The Strategy includes the commitment to ensure that proposed landfill expansions will include rigorous review to avoid over-supply of landfill capacity. As acknowledged in the draft EA, there is a level of uncertainty in long term waste projections for residential and IC&I waste. Given that nearly two thirds of the annual projected landfill capacity is for IC&I waste, and the focus on reducing IC&I waste in the Act and Strategy, these projections are increasingly uncertain. Further, no rationale is provided for the proposed duration in terms of alignment with municipal or provincial planning periods. The ministry is of the opinion that while the study may consider long term needs beyond an approved planning period, the ultimate proposed undertaking for which approval is sought should not exceed a 25-year planning period.	The EA Report should be revised to demonstrate that the proposed capacity is justified given the consideration of reasonable improvements for waste diversion. This discussion should include a summary of initiatives to increase both residential and IC&I waste diversion that have been identified by the proponent in parallel to the EA, and identify how those initiatives have been taken into consideration in the definition of the proposed undertaking. This discussion should include an evaluation of the appropriateness, relevance, and accuracy of options as it relates to these and other provincial plans, policies and interests. In light of uncertainties in project waste needs over the next 40 years, including evolving provincial policy regarding waste diversion and an ultimate goal of a waste-free Ontario, it is recommended that the planning period for the proposed undertaking be revisited. It is recommended that the ultimate proposed undertaking for which approval is sought not exceed a 25 year planning period. This is a reasonable timeline for which population and waste projections can be assumed to be accurate. This discussion should be incorporated into the EA to re-define the purpose and rationale of the undertaking.	As discussed during our meeting with MECP on Oct. 12, 2018, the 40-year planning period will be applied. The Town will provide available supporting information for this planning period, recognizing the sequenced development of the (proposed) landfill. Justification of the proposed capacity will be enhanced with a discussion of the waste sources (residential and IC&I) and the important role waste disposal capacity plays in the community. The Town has created a Waste Reduction & Diversion Assessment (accepted by Council on September 11, 2018) that will be provided as reference. A discussion of this report will be incorporated into the EA Report. Additionally, we will report on the anticipated effects of new Acts on the Town's waste management system (if not already part ofthe Town's report). The scale and impact of the project will be discussed as regards these comments.	N/A	3.3.4	
4	4	The ministry notes that the existing landfill has operated under interim ECAs since it reached capacity in 2016. The description of the St Marys Landfill site should include those ECAs to support the readers understanding of the site. The type of waste accepted should also be described.	The EA should include additional detail about the existing landfill approvals, including a description of the interim ECAs.	A description of the interim ECAs will be included in Section 4.3 along with a description of the waste types accepted in accordance with the Site's ECA.		4.3.5	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
4a	4a	The capacity of the proposed undertaking does not take into consideration the capacity provided in the interim ECAs.	While the EA should consider effects from the continued operation of the landfill under the interim ECAs, the requested additional capacity should be revised to remove the capacity that has been approved under the interim ECAs.	The planning period was originally envisioned to begin in 2017. This will continue to be the planning period. Waste placed since January 1, 2017, under the interim ECA's, will be identified and included as part of the capacity proposed for the overall EA. Section 4.3 of the EA Report will be revised accordingly.		4.3.6	
5	5	The "alternatives to" evaluation is not based on a study area(s).	The EA should define the study area used to undertake the "alternatives to" evaluation. This may include the service area and/or geographic region which captures the alternatives to. The evaluation should be revised to include the description of potential effects to the components of the environment within that study area. January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth: If site-specific characteristics were considered in the comparison of general alternatives, this should be clearly identified and rationales should be provided.	The study areas are as defined in the ToR. There is no specific study area defined for the wide ranging "export option" evaluation. Waste export assumes that: -In-Town waste collection would remain the same -Export Options are already appropriately approved or would be subject to their own EA (to consider service area and/or rate-of-fill adjustments). More detail will be provided regarding the criteria used to evaluate the Export Options, including the rationnel for using general alternatives rather than specific sites as described in the TOR. A discussion of the study area considered for a particular Export Option site will also be provided. This will include site-specific characteristics where considered.	N/A	5.2, 5.3 and 5.5	
6	6	As described in section 4.2.4 of the EA Code of Practice, the "alternatives to" evaluation should begin with the identification of criteria, indicators and data sources. The "alternatives to" assessment and evaluation in the draft EA focuses on comparing alternatives, and does not include a description of potential effects, impact management measures and net effects. Further, potential impacts are not described according to magnitude, frequency, duration and reversibility as was outlined in section 5.1.2 of the ToR.	The evaluation of "alternatives to" should be revised to characterize potential effects, proposed impact management measures, and net effects for each criterion. To support a clear, logical, and traceable assessment, indicators and data sources should be identified for each evaluation criteria. The EA should include a description of net effects of each "alternative to", even if those effects are equal. In accordance with the ToR, potential impacts of each "alternative to" should be described according to magnitude, frequency, duration and reversibility. Following the characterization of net effects, advantages and disadvantages of each alternative should be described.	- Information is present but headers are not included because the text would be expanded significantly. - TOR indicates that comparison will be the preferred export option vs expansion.. - Table can be moved to main report body. - Greater detail will be brought forward into the main EA Report tables: i.e., Hydrogeology assessment of "minor" or "major" will be fully explained in the mail EA Report.	N/A	5	
6a		January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth:	The assessments of "alternatives to" and "alternative methods" should include sufficient detail to determine the benefits and disadvantages of each alternative, based on effects. For example: - the Summary of Advantages and Disadvantages section of each assessment table should include effects-based information to show a clear comparison between alternatives; - where mitigation measures are mentioned, the measures should be identified; - statements such as "impact varies based on specific location", "unlikely to see any significant surface water issues", "expansion of site could result in additional/improved protection of surface water resources", etc. should be supported. This is not an exhaustive list of examples. The Town should ensure that there is clear and sufficiently detailed, effects-based information presented for each criteria of the alternatives assessments.	Additional detail will be provided by bringing information from supporting studies forward into the Summary of Advantages and Disadvantages sections in keeping with the comment. ** efforts modified by MECP Comment dated Apr. 9, 2019 **	N/A	5.5, 5.6, 6.6, 6.7	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
7	7	Section 7.2.2 of the draft EA identifies that additional criteria for the evaluation of "alternatives to" were identified by the Study Team beyond those identified in section 5.1.2 of the ToR. It appears that some of the additional criteria are redundant with those identified in the ToR. For example, it is not clear how the nuisance indicator is different from the aesthetics/enjoyment of life indicator included in the indicators approved in the ToR. Similarly, it is unclear how the impact to local businesses/economy and impact to local industry indicators are different. For the atmospheric criteria, noise is identified as a sub-component in the ToR. This sub-component was not evaluated in section 7.2.2.1 of the draft EA.	Section 7.2.2 should include a summary table of those additional criteria, as well as any changes to criteria identified in the ToR, with rationale for their inclusion/revision. A strong rationale for additional criteria must be included in the EA, with consideration given to avoid redundant criteria that may bias results by double counting potential positive or negative impacts.	The criteria listed in the TOR will be used for the evaluation. Any additional ones will be removed. Noise will be included as a subcomponent under the atmosphere criteria.	N/A	5.4 and6.5.2	
8	8	In addition to the comment above, it is not easy to follow how the overall conclusions of the evaluation of "alternatives to" were determined. For example, in some cases an empty circle is assigned, where individual criteria ratings indicate that the result should be otherwise. For the comparison of the do nothing, export, and landfill expansion alternatives, the evaluation matrix indicates that the export alternative ranked higher in the natural environment, Indigenous connections to the land, and financial factors, while the preferred alternative (expansion) ranked higher only in the technical and socio-economic factors. If criteria are weighted, this weighting should be transparently documented and determined in consultation with interested parties. For the atmospheric environment, landfill expansion is ranked equal to export, despite the fact that landfill expansion does not include the capture of landfill gas. Similarly, it does not appear that landfill gas capture has been factored into the climate change effects. It is not clear why the "do-nothing" alternative and the expansion alternative have equal climate change projections. For the terrestrial/aquatic habitat, the expansion alternative is given the highest ranking, despite the potential effects to habitat. Similarly, expansion is ranked highest for surface water due to the potential to improve protection of surface water resources. It is not explained how landfill expansion would achieve this protection. For both aesthetics/enjoyment of life and nuisance impacts, it is indicated that no change is anticipated with the expansion of the landfill. The expansion of the landfill would result in potential effects to surrounding residents, including potential visual, odour, and other nuisance effects due to traffic to and from the site for the duration of the proposed undertaking. These potential effects should be described and considered in the ranking.	The "alternatives to" evaluation should be reviewed and revised to ensure that conclusions are transparent, with sufficient rationale presented to justify conclusions.	The rankings will be reviewed to provide greater clarity as to how the rankings were identified. It will be noted that the rankings will be based on net effects, i.e. the relative effects remaining after mitigation has been applied. The evaluation will include a description of the magnitude, frequency, duration and reversibility of each effect after mitigation. This additional information will clarify the rankings. At this time no weighting has been applied to the criteria. If, during review, it is determined that weighting should be applied, a clear justification and description will be provided. Landfill gas impacts will be factored into the assessment as will construction effects.	N/A	5.2	
9	9	Attachment B – Waste Export Alternatives Surveys includes survey results from the Walker Environmental Group Southwestern Landfill. This is a proposed project, which is currently undergoing an environmental assessment. It appears that the survey results are likely for the Walker Niagara Landfill Site.	Review survey results and revise to identify the appropriate site.	The table in Attachment B entitled "Private Waste Service Providers Survey" will be corrected to indicate just Walker Environmental Group in the heading (not Southwestern Landfill or Niagara Landfill). This was a typo. As indicated in the same table, Walker Environmental Group disposes of waste at their Niagara Landfill and at the Covanta waste to energy facility in Niagara Falls, New York, USA.	N/A	4.2.2 and Attachment C	Attachments have been re-organized and Attachment B is now Attachment C.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
10	10	Section 5.4.4 and 5.4.5 of the ToR describe the approach and methodology which will be used to describe the existing environment. The draft EA does not include a complete description of the environment for all aspects of the environment. It is noted that while section 10.5 Parameter 5: Evaluation Criteria includes some summary information which relates to baseline environmental conditions, this information is limited, and does not fulfill the requirements of the ToR, the Act or the EA Code of Practice.	As indicated in its August 10, 2017 letter, the proponent will revise the EA to include a separate sub-section with a description of the environment within the study areas. This section should appear in advance of assessing the alternative methods, and include a description of the environment within the study areas that may be affected, either directly or indirectly, by the proposed undertaking. This section should include a description and rationale for the tools used to describe the environment, including studies, tests, surveys, and mapping. While additional detailed information may be presented in appendices, the main EA document must present sufficient information to support an understanding of baseline conditions prior to the evaluation of potential effects. This description should be presented in additional detail than was included in the preliminary description of the environment presented in section 5.4.6 of the ToR.	A description of existing conditions for the St. Marys Landfill and the 1 km Study Area will be brought forward into the EA Report (per item 1). For the Export Options, Burnside's assumptions regarding the existing conditions of the receiving facilities will be more fully explained. It will include a discussion of the status of existing approvals for these Export Option sites, and any additional approvals that may be required to allow St. Marys waste disposal.	N/A	6.4	
11	11	The evaluation of "alternative methods" should follow a similar approach to the assessment of "alternatives to" described above, but at a more detailed level. Section 5.5 of the ToR presents the methodology that must be followed, which includes description of potential effects, mitigation measures, residual (or net) effects, and evaluation of alternative methods based on the potential effects. Table 5.4 of the ToR presents the criteria, indicators, and data sources that must be used in the assessment, allowing flexibility for adjustment based on consultation. The assessment of "alternative methods" presented in the draft EA does not follow the methodology described in the ToR. Section 11.1.1 of the draft EA includes a summary of the evaluation of alternative methods. This summary is presented at an environmental component level and does not include a discussion of criteria or indicators. It mentions high level impacts but does not include an analysis of potential environmental effects of each alternative. Table 5 (Attachment A-3) presents a "detailed Evaluation matrix". This matrix focuses on describing differences between alternatives, and does not include the indicators described in the ToR, nor a description of positive and negative environmental effects anticipated from each alternative method. Effects are not characterized according to magnitude, duration, frequency and reversibility, as was identified in the ToR. Further, section 10.5.4 identifies several criteria identified in the ToR were screened out because there is not anticipated to be an appreciable difference between alternative methods. This rationale is not acceptable as the criteria should also be used to characterize potential environmental effects. For example, the Climate Change Effect criterion has been removed as there are not anticipated differences between "alternative methods". Similarly, several socio-economic criteria were removed. The assessment of alternative methods should include a description of potential effects of each alternative method, regardless if the impacts are the same.	The evaluation of alternative methods should be revised to include a description of effects that may be caused to the environment along with the identification of impact management measures. This evaluation should include the criteria and indicators defined in the Table 5.4 of the ToR, with strong rationale provided for any adjustments to this methodology. Net effects after mitigation should be identified and flowing from those net effects, the advantages and disadvantages of each alternative method should be described. In accordance with section 5.5.3 of the ToR, potential effects should be described according to their magnitude, frequency, duration and reversibility.	The assessment of alternative methods will be updated to more clearly follow the methodology described in the TOR, including the use of all identified criteria and a description of the magnitude, duration, frequency and reversibility of each impact.	N/A	6.6 and 6.7	
12	12	The draft EA notes that the stability and composition of the cement kiln dust (CKD) pile is unknown. While the CKD pile is covered by 300 mm of soils, it has not been capped to prevent infiltration of water. The preferred alternative includes the relocation of a watercourse nearby the CKD pile. Potential impacts to the watercourse from slope failure of the CKD or leaching of contaminants from the CKD pile into the watercourse are not described in the EA.	The final EA should provide supporting analysis to understand potential effects of relocating the watercourse to nearby the CKD pile, identify appropriate mitigation and monitoring measures.	Includes item 35. The Town has securred a report prepared for St. Marys Cement (SMC) regarding the nature of the CKD pile. Elements of the SMC report will be incorporated into the EA Report to better characterize the CKD pile. The SMC report will be shared with the Ministry and follow-up discussions with Regional Hydrogeologist will be held to determine if existing information adequately addresses concerns. The EA Report (and Record of Consultation) will provide details of the discussion and any follow-on efforts that result.	Hydrogeology Study Appendix C	6.4.1.3 Existing Environment - Hydrogeology 6.6.1.3 Potential for Net Effects - Hydrogeology 8.0 Impacts Table 8-1 10.0 Future Commitments	Appendix I outlined additional assessment of the CKD stockpile. The Appendix was submitted to the MECP for comment.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
12a		January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth:	The final environmental assessment report should describe the nature of the CKD pile, including composition. It should also provide an understanding of any potential effects of relocating the watercourse closer to the CKD pile, including identification of mitigation measures, net effects, and monitoring measures. The St. Marys Cement report should be shared with the ministry in advance of the final environmental assessment submission. The ministry will review and, if it is determined that the report does not adequately describe the nature of the CKD pile, the Town and the ministry will continue discussions on what work may be required to address this comment.	Per item 12, the Town has already committed to sharing the CKD Report with the Ministry and conducting follow-on discussions. These discussions will be used to determine if there are potential effects from relocating the watercourse, and a plan for addressing them will be developed. If there are potential effects, the EA will consider mitigation measures, net effects and monitoring measures. In any event, all efforts will be documented.	Hydrogeology Study Appendix C	6.4.1.3 Existing Environment - Hydrogeology 6.6.1.4 Potential for Net Effects - Surface Water 7.4 Watercourse Relocation	
12b		May 23, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth: The EA will need to consider whether or not the CKD will influence conditions at the landfill site. For example, wells installed in the CKD pile have shown extremely high concentrations of chloride, potassium and sulphate. Will water draining from the CKD bring this impact to the ground water or surface water around the landfill? Is there a chance that impacts from the CKD will influence water sampling that is intended to characterize the impacts of the landfill? We note that the current configuration of the property has a small creek flowing between the existing landfill mound and the CKD. By moving the location of the creek to the far side of the CKD, a potential barrier to surface or ground water movement is being altered. Thus, we are questioning whether the new site configuration might result in the CKD having different effects to water resources.	Comments from MECP Hydrogeologist: The applicant should consider the existing information and try to determine whether there is a risk that the CKD may influence water quality near the landfill. There may already be sufficient information to determine that this is unlikely to occur, and to explain this with just a few paragraphs. Alternatively, is there a need for changes to the monitoring plan? It would be unfortunate if impacts from the CKD were somehow able to be confused with impacts from the landfill.	Consideration of the CKD stockpile impact will be incorporated into the RAP for Item 48.	Hydrogeology Study Appendix C	6.4.1.3 Existing Environment - Hydrogeology 6.6.1.3 Potential for Net Effects - Hydrogeology 10.0 Future Commitments	
12c		May 23, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth: From a surface water perspective, the contaminants of concern identified in the CKD pile would most likely be an alkaline pH of 10 and sulphate concentrations which pose a problem if they come in contact with surface water. Since the report and the sampling was completed in 2005, some weathering of the material may have occurred since then and a second scoped set of samples for metals, pH, alkalinity, conductivity, and sulphates should update the analytical information and offer us a better perspective about which methods of control may be applicable.	Comments from MECP Surface Water Specialist: As an example, pending further analyses a management solution could be something like ensuring a setback of the proposed surface water realignment so that overland runoff can't access the drain, and some way to ensure that any precipitation on the pile may be excluded from the stormwater system and handled separately though an alternate collection and treatment process. Based on the report, it appears that ensuring that the material doesn't get mobilized into the receiver may be the best option.	Water samples will be collected from the three existing wells in the CKD stockpile and analyzed for general chemistry and metals. The data will be added to existing site data to assist with stormwater management design and the RAP for Item 48. The Item 35 comment is related.	Hydrogeology Study Appendix C	6.6.1.4 Potential for Net Effects - Surface Water 7.4 Watercourse Relocation 8.0 Impacts Table 8-1t	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
13	13	The ministry understands that the existing site includes leachate collection and treatment at the Town's sewage treatment plant, as reiterated by the proponent in its August 10, 2017 letter. The draft EA has carried forward an assumption that landfill expansion must include leachate collection, and indicates that an assessment of leachate generation and capacity of the sewage treatment plant will be completed following the EA. This is not sufficient to support the ministry's review of the proposed undertaking. The EA should include characterization of the amount of leachate generated by the proposed undertaking over the duration of the project. A discussion of the capacity of the Town's sewage treatment plant to treat leachate from the proposed undertaking for the duration of the undertaking (including operations, closure, and post-closure) should also be included. If the treatment plant does not have capacity, alternative treatment options will need to be identified and assessed. January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth, additional Reviewer comment: In order to provide sufficient detail in the updated response in Column F, please incorporate the following points from the October 2018 response (Column E): "The existing and future leachate disposal will utilize the Town's existing gravity sewer - from the site to the WWTP. In the event of requiring additional or alternative leachate disposal capacity, the Town will negotiate with alternative waste water treatment plant owners (perhaps London, Mitchell, or Stratford, among others) for	The EA should include consideration of leachate collection and treatment. This assessment must include capacity requirements, and demonstrate that the undertaking can meet the needs for the duration of the undertaking.	Also reference items 33, 47 and 49. The landfill's existing and future leachate disposal will utilize the Town's existing gravity sewer - from the site to the WWTP. Burnside will enhance the EA Report to document the WWTP current and future capacity to accommodate leachate generated by the expanded landfill. This will include the Town's D-5-1 Capacity Assessment, WWTP allocation for leachate, a comparison of leachate chemistry verses sewer use-by-law limits, and an assessment of the WWTP's ability to treat the leachate received. The EA Report will also discuss: • The projected development sequence for the landfill expansion, • The landfill's ability to act as temporary storage for leachate in the event of a sewer or WWTP issue. • Leachate generated during each period of that sequence, and • How monitoring can track leachate quality and quantity to provide sufficient time for development of necessary WWTP capacity or alternative leachate treatment. • The availability of alternative waste water (leachae) treatment plants, including London, Mitchell and Stratford, for disposal of leachate. The EA report will commit to developing a leachate tretment contingency plan at the EPA stage that may include these plants or others.	Leachate Disposal Report, Appendix I	7.3	
14	14	For the purposes of the 'alternatives to' evaluation, the 'do-nothing' alternative should serve as the baseline for comparison of potential effects. The 'do nothing' alternative should also be carried forward to the 'alternative methods' evaluation, and provide a baseline for the comparison of the 'alternative methods' of the undertaking.	The EA should include consideration of the 'do- nothing' alternative as part of the alternatives method evaluation.	The do nothing alternative will be carried forward to the assessment of alternative methods.	N/A	6.2 and 6.6	
15	15	Section 11 of the ToR identifies that a final description of the undertaking will be included in the EA Report. As described in section 4.2.5 of the EA Code of Practice the preferred undertaking must be thoroughly described in further detail than the alternative methods. The description of the proposed undertaking must contain sufficient information to support the Minister's decision, including the entire life cycle (construction, operation, closure, post-closure). The draft EA does not include a description of the preferred undertaking, but relies on the description provided in the alternative methods assessment. This description is not sufficient as it makes assumptions about the potential design of the proposed undertaking, rather than committing to design features or further studies required to mitigate or avoid potential environmental effects. The description does not include conceptual design details, mitigation measures, and net effects with respect to all project components, including leachate management, stormwater management, waste pile slopes, etc. The description should clearly identify the types of waste that will be accepted.	The EA should be revised to include a separate description of the undertaking for which approval is being sought. This description should include the entire life cycle, and anticipated duration and phasing of activities. Duration and proposed phasing may be presented at a high level (i.e., years). This description should be presented as its own section, and include additional detail than presented in the alternative methods assessment. Potential effects, mitigation measures, and net effects of the preferred undertaking should also be presented in this, or a separate section, with additional detail presented as required.	A separate section will be created that provides an overview description of the preferred undertaking design concepts, including mitigation measures, leachate management, stormwater management, waste pile slopes, type of waste that will be accepted, etc. It will not go into the details required by 232/98 (detailed design)	N/A	7	
16	16	Section 12 of the draft EA is titled "Net Effects and Mitigation", and includes a summary table. Rather than identifying and describing net effects, the table includes potential impacts (prior to mitigation) for select environmental components and recommended mitigation and monitoring. It is also noted that several environmental components were missing from this table (for example, Aboriginal and Atmospheric).	This section should be revised to include a comprehensive description of potential effects based on criteria and indicators for all environmental components, and to describe the net effects after mitigation is applied.	The table title will be revised to "Potential Impacts, Recommended Mitigation and Monitoring" to better reflect the actual content. A new column listing net effects will be added. As per a previous comment, the table can be organized into contruction, operational and decommissioning effects. Further, we will ensure the table includes all of the environmental components.	N/A	8	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
17	17	As described in section 3.3 of the EA Code of Practice, the EA should include consideration of potential cumulative effects of the preferred undertaking in combination with past, present and reasonably foreseeable future activities. The guidance document Addressing Cumulative Environmental Effects under the Canadian Environmental Assessment Act (CEAA, 2015) may be considered when preparing the cumulative effects assessment for the EA. Section 10.1.1.2 of the draft EA includes a high level discussion of potential cumulative effects, concluding that there are no anticipated projects planned in the site area, and therefore are no potential cumulative effects.	The EA should define a study area for potential cumulative effects, and be revised to include additional information regarding existing and potential future projects in the area where there may be potential effects from the project.	The cumulative effects anticipated for the (ToR defined) Study Area are documented in the draft EA Report. We will identify in the (revised) EA Report that Study Area was the area (extent) considered for the cumulative effects.	N/A	8.2	
18	18	Section 10.3 of the draft EA describes the timeframe of the study, indicating that the proposed landfill expansion would begin in 2017 and operations would end in 2057. Given the current timing, and stage in the EA process, it is impossible for the proponent to obtain all required permits and approvals to begin construction this year. In addition, this timeline should acknowledge any additional interim ECAs that may be needed prior to an EA decision.	The EA should be revised to present an accurate timeline for the proposed undertaking.	See item 4a.	N/A	3.3.6	
19	19	Since approval of the ToR, the ministry's expectations for how climate change is considered in EAs have evolved. As indicated by the project officer to the proponent previously, it is expected that in addition to considering the effect of the project on climate, the EA should also include consideration of potential effects of climate change on the project. In the case of landfill projects, the ministry expects that the EA will include a description of the ability of the preferred undertaking to adapt to climate change, including extreme weather events, increased temperature, drought, and flooding. For additional guidance, the proponent may refer to the ministry's Draft Guide: Consideration of Climate Change in Environmental Assessment in Ontario.	It is requested that additional discussion be included about project design features to incorporate climate change adaptation. For example, additional information about the capacity of the stormwater, leachate collection system, and water treatment facilities to manage stormwater and leachate during extreme storm events, such as the 500 year storm, during all phases of the project. This section may also include a discussion about the ability of infrastructure and project controls to adapt to changing climate conditions.	The EA Report already addresses the key elements of climate change affecting the landfill. Specific design issues will be addressed during detailed design/EPA as it relates to climate change, though we will highlight adaptations available during site operation, with reference to the Guide: Consideration of Climate Change in Environmental Assessment in Ontario.	N/A	8.1	
20	20	Section 3.1.3 the ministry's Consultation Code of Practice for guidance on expectations for documentation of issues during the EA. Section 4.3.7 of the EA Code of Practice provides further guidance, as follows: • "Clearly and accurately summarize the comments and concerns raised during the consultation activities and during the preparation of the environmental assessment; • Describe the proponent's response to comments and how concerns were considered in the preparation of the environmental assessment; • Describe any outstanding concerns;" Section 14 of the draft EA is titled Consultation Summary. This section does not include any information about the issues that have been raised during consultation completed by the proponent, nor does it describe how those issues were resolved. Similarly, the Record of Consultation, included as Appendix G of the draft EA, focuses on providing a summary of activities and correspondence, rather than issues. The ministry notes the text as well as the attachments (or Supplements) to the Record of Consultation do include some issues identification. Supplement K includes a consultation summary table. This document is not referenced in the text, and is not presented in a useful format that supports review of issues raised and how they have been addressed. It also does not appear to be complete. For example, comments provided by the ministry on the draft work plans in October 2015 are not included, nor is a description of how those comments were addressed. While it is important to document correspondence, the EA should also include a concise summary table of substantive issues. Currently this information is lost in documentation that includes all correspondence (including administrative back and forth, out of office replies, and contact changes). It is noted that it is not necessary to include copies of all correspondence that is not pertinent to the EA. For example, back-and forth emails confirming contact information and scheduling meetings, missed calls, should not be included. Documentation should focus on records including comments on the EA, proof of notice distribution, formal letters, etc.	The consultation summary presented in the EA should include summary tables detailing how and where stakeholder, public and Indigenous comments have been addressed in the EA. Outstanding issues and any future actions should also be clearly documented.	A table will be included in the main body of the report to document the main issues raised, how they were addressed in the EA and whether any outstanding issues remain. Any non-pertinent correspondence will be removed from Appendix K.	N/A	9	Additional consultation is planned with Indigenous communities and the applicable sections will be updated accordingly.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
21	21	Correspondence included in the Record of Consultation indicates that the proponent wrote to interested Indigenous communities to request that they coordinate consultation among themselves: "the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA". It is not reasonable to expect communities to coordinate a proposal for funding or to work together to allow their interests to be recognized in the EA. It is the proponent's responsibility to consult communities to provide information about how their Aboriginal or treaty rights may be impacted by the proposed undertaking. As stated in the Consultation Code of Practice; "The allocation of resources to develop and fulfil the consultation plan is the proponent's responsibility." The ministry expects that proponents will bear reasonable costs associated with Indigenous community consultation. Examples of costs are travel (mileage), meals, meeting room rentals, printing presentation materials, etc.	In its consultation on the draft EA, the proponent make reasonable efforts to meet with Indigenous communities, including reasonable costs, associated with those meetings or other consultation activities. Based on its consultation with communities, the proponent may also work with communities to coordinate a review of the draft EA.	Additional detail regarding consultations with Indigenous communities to date will be included. A summary of the issues raised and how they were or will be addressed will also be included. Additional consultation with Indigenous communities will occur as required throughout the EA process, including a direct mail or email notice of final review of the updated EA. This will be followed by a round of phone calls to confirm receipt of the notice and whether any concerns remain outstanding. Follow-up face-to-face meetings or other consultation will be undertaken as required in response to any issues identified. If communities request reasonable costs associated with consultation activities, the Town will provide appropriate budget. A summary of concerns raised and how they were addressed will be provided in tabular format. The Town will consult with the Ministry to review proposed communications with Indigenous communities to ensure the communication is clear and meaningful (upon revision of the EA report). Further revision to this Response Action Plan item (and 28) may follow based on Ministry comment.	n/a	9.5	Additional consultation is planned with Indigenous communities and the applicable sections will be updated accordingly.
22	22	It is noted that a self-assessment relating to the relocation of the watercourse will be completed following the EA to determine if review by Fisheries and Oceans Canada is appropriate. As directed in the GRT distribution list provided by the ministry to the proponent, this self-assessment should be completed during the EA, and if appropriate Fisheries and Oceans Canada should be invited to review during the EA. January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth: See inserted text (blue) in *Proposed Response Action Plan* column.	Complete self-assessment, and if appropriate contact Fisheries and Oceans Canada.	MECP have noted that a (DFO) website provides preliminary screening. This will be undertaken and the results will be incorporated into the EA Report. Per MECP request, the Town confirms that they have consulted with DFO to date, and that the final environmental assessment report will be circulated to DFO for review. This will be updated in the Record of Consultation. (** Edited Per MECP email of April 9, 2019 **)	N/A	6.6.1 and 10	
23	23	Section 7.0 of the ToR identifies that the EA will include a list of specific commitments made during preparation of the EA, including, but not limited to: • Impact management measures (such as mitigation measures); additional works and studies to be carried out; monitoring; public consultation and contingency planning; • Documentation and correspondence; • Results of environmental effects monitoring and a comparison of those actual effects with the potential effects predicted during preparation of the EA and, where actual effects exceed predicted effects, an assessment, in consultation with MOE, of whether additional mitigation measures may be needed; and • Implementation of additional mitigation measures, as necessary. Section 4.3.5 of the EA Code of Practice describes the requirements for commitments and monitoring, including the expectation that the proponent describe commitments to implement impact management measures and monitoring plans. The EA should include a single table that documents all commitments, including a column with a brief description of the commitment, identification of where in the EA the commitment is mentioned, and identification of when the commitment will be fulfilled. If the Minister decides to provide approval for the proposed undertaking, these commitments will inform the development of conditions for the undertaking. The draft EA does not include identification of EA commitments, including a plan for how and when impact management measures, environmental effects monitoring and compliance reporting will be fulfilled. In the proponent's letter dated August 10, 2017, it indicated that Section 12 of the draft EA presents commitments. This section presents a summary of impacts, mitigation and monitoring, and does not include commitments.	The EA must include a separate section with a table detailing commitments made through the EA, including, at a minimum, the following columns: • Summary of commitment; • Reference to section of EA where commitment is mentioned; and • Timeline for implementation. These commitments must include those items identified in the ToR.	Commitments to mitigate impacts to environmental components are included in Table 12 (column "Recommended Monitoring Activities"). This will be enhanced with a new section in the EA which identifies commitments for the detailed design stage. A table will be included which lists each commitment, how and when it will be completed and any additional reporting, permitting mitigation or monotiling measures required.	N/A	10	
24	24	Section 7.0 of the ToR, specifies that the EA will include an Environmental Assessment Compliance Monitoring Plan for all phases of the implementation of the undertaking, and providing for regular reporting to the ministry on commitments as well as any conditions of approval. This section is not included in the draft EA.	The final EA should include an Environmental Assessment Compliance Monitoring Plan, as described in the ToR.	Commitments to mitigate impacts to environmental components are included in Table 12 (column "Recommended Monitoring Activities"). In conjunction with the list of commitments noted in the response above (item 23), a compliance monitoring plan will be included to further clarify commitments, reporting and any conditions of approval.	N/A	10.4	
25	25	The electronic version of the draft EA includes the main document and all supporting appendices in a single pdf file. This format is difficult to navigate for reviewers.	The final EA appendices should be submitted as separate pdf files to facilitate circulation of documents and review of discipline specific components.	It is proposed that separate volumes will be created to make navigation easier.	N/A	N/A	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
26	26	Section 6.0, page 18, indicates that the record of consultation is provided in Attachment H. The record is in fact presented in Attachment	This error should be revised.	The reference to the consultation will be updated.	N/A	9	
27	27	The second paragraph of Section 3.0 refers to italicized text taken from the Act, however there is no italicized text in this section.	This reference should be removed or formatting revised.	The list below this reference was taken from the Act and will be italicized in the updated draft.	N/A	1.2	
		EAASIB **Peter Brown, Aboriginal Consultation Advisor** **September 14, 2017**					
28	1	Section 14 of the Draft EA Report provides little beyond a contact list and a summary of activities. It does not provide a summary of issues (questions, comments, concerns) raised and how they are addressed in the Draft EA Report. Section 14.3.5 of the Draft EA Report simply restates section 6.3.5 of the ToR.	It will be important for the proponent to demonstrate in the Final EA that they have obtained, or at least made meaningful attempts to obtain, input on the Draft from, at minimum, the communities that have expressed an interest in the project. It is understandable that the proponent may be unable to fund separate technical reviews of the Draft EA by each community; but, effort needs to be made to at least arrange a meeting with each interested community to provide an overview of the project, EA process and key results/conclusions and to solicit feedback. The issues (questions, comments, concerns) raised should be summarized in Section 14 of the EA Report, organized by community, with a description of how each issue is addressed (e.g., through project or study design, mitigation measures, monitoring or other commitments, etc.). Details of meetings can be provided in Appendix G. All issues raised throughout the EA stage (i.e., since approval of the ToR), including those identified through correspondence, meetings and document review should be addressed and summarized in section 14, as above. It is also requested that project communications be summarized in section 14 and/or Appendix G; but informal communications need not be included as supplemental information. Unless it is explicitly known that all correspondence will be made part of the public record, it may be more appropriate to remove informal communications and/or personal contact information	Informal communications will be removed from Appendix G to ensure that relevant communications can be more easily found. See also item 21.	N/A	9.5	Additional consultation is planned with Indigenous communities and the applicable sections will be updated accordingly.
29	2	Section 4.0 of Appendix G is titled “Results of Public Consultation”. Section 4.5 “Indigenous Communities” is divided into 4.5.1 “Draft Ecological Work Plan and Site Visit”, 4.5.2 “EA Review Process Financial Assistance” and 4.5.3 “Indigenous Community Communications”. Basically the conclusions of the (very brief) sections 4.5.1 and 4.5.2 is that no site visit with community members took place and no agreement for financial assistance to review the EA has been reached. Section 4.5.3 provides a summary by community of communications during the EA process. It does not however provide a summary of issues raised and how they are addressed in the EA. It does not appear that any meaningful consultation (such as meetings to discuss the project, support for technical review, etc.) occurred during the EA stage.	See comment above	See item 21	Consultation Record (Vol IV)	9.5	Additional consultation is planned with Indigenous communities and the applicable sections will be updated accordingly.
30	3	The ToR identifies “Aboriginal” as an environmental component to be included in the assessment. The sub- components are “cultural” and “land use” as indicated by: • Presence of known sites within the area. Records of previous site disturbances. • Distance to established communities • Expressed concerns • Existing land use focusing on First Nation’s significance, size of area, presence of any sensitive uses. This environmental component is not carried through to the summary of potential impacts, mitigation measures and recommended monitoring activities in Section 12 of the Draft EA Report.	It is expected that a summary of potential impacts, mitigation measures and recommended monitoring activities include all environmental components identified in the ToR (including “Aboriginal”), or justification be explicitly provided as to why an environmental component is not carried through to the effects assessment for the preferred alternative.	This component will be carried through to the summary of potential impacts, mitigation and monitoring in Section 12.	N/A	6.6	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
		Southwestern Region **Craig Newton, Regional Environmental Planner / Regional EA Coordinator** **September 18, 2017**					
31	1	The May 2017 Draft Report states that: "The MOECC requires a setback from property lines to be 30 m in the regulations. The guidelines recommend a 100 m setback. However, the guidelines also make provisions for site specific conditions to decrease setback distance, provided that they meet the requirements set out in the regulations." In actual fact, Section 7 of Ontario Regulation 232/98 Buffer Area is much more descriptive stating that the buffer area shall be at least 100 metres wide at every point. The Regulation goes on to say that the 100 metres does not apply if the buffer area is at least 30 metres wide at every point and a written report confirms that, a) the buffer area provides adequate space for vehicle entry, exit turning, access to all areas of the site and parking; the buffer area provides adequate space on the surface of the site for all anticipated structures, equipment and activities; and c) the buffer area is sufficient to ensure that potential effects of the landfilling operation do not have any unacceptable impact outside the site. Furthermore, the April 1994 MOE "Guideline D-4 Land Use On or Near Landfills and Dumps" states that for Operating Sites, No land use may take place within 30 metres of the perimeter of a fill area. This is a minimum distance. Each operating landfill shall have an on-site operational / maintenance buffer area identified on the Certificate of Approval. This buffer shall be no less than 30 metres; it is normally 60-100 metres.	The current wording of the draft report should be revised so that the Final Report more accurately reflects / describes the requirements of Section 7 of Ontario Regulation 232/98 Buffer Area, and Section 5.2.1 of the April 1994 MOE "Guideline D-4 Land Use On or Near Landfills and Dumps" for Operating Sites.	The text will be revised to directly incorporate the wording from Section 7 of Ontario Regulation 232/98 and MOE Guideline D-4. We will discuss current site buffer areas (distances from the waste footprint to the property limit) and how these were considered for the future landfill expansion methods. Further, we will provided the written reporting confirming the adequacy of the existing and proposed buffers for the landfill expansion.	N/A	7.8	
32	2	The May 2017 Draft Report states that: "Ontario Regulation 232/98 under the Environmental Protection Act states that landfill sites containing 1.5 million cubic meters (1.5 Mm^3) of landfill capacity or more are required to install a landfill gas capture and flare system. The proposal total capacity of St. Marys Landfill if the expansion is constructed will remain below this threshold. Further the Regulation recognizes low landfill gas generation rates as a potential reason to avoid installation of landfill gas management system even if the site capacity exceeds the 1.5 Mm^3 threshold. The age of the waste already contained within the site, the anticipated rate of fill, and thus the ultimate rate of landfill gas generation, is relatively low. Therefore on both counts (total capacity and rate of fill), the site does not require a gas management system." In an October 9th 2015 memorandum to R.J. Burnside & Associates Limited, the MOECC under the heading of Air Quality, Noise and Vibration Work Plan point #5, states: "Further in this section, the proponent notes that they will be modelling landfill gas. This 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. The Draft May 2017 Report references Ontario Regulation 232/98 under the Environmental Protection Act as noted immediately above, but does not appear to incorporate or respond to the landfill gas discussion previously provided by MOECC to R.J. Burnside Limited in the above noted October 9th, 2015 memorandum.	The current wording of the draft report should be revised so that the Final Report fully addresses Landfill Gas, including but not necessarily limited to, responding to the discussion previously provided to R. J. Burnside and Associates Limited via MOECC's memorandum of October 9th, 2015.	The existing Air Quality Assessment addresses this comment in Tables E4-1 through Table E5, and Appendix A Section 3.5. All the contaminants required by the MECP were modelled and demonstrate compliance with the off-property criteria. The results of this assessment further demonstrate that landfill gas collection is unwarranted; a postion that was anticipated by the MECP when they decided that landfill gas did not require collection for landfills of this size.	N/A	N/A	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
33	3	The Draft May 2017 Report states: "Evaluate leachate generation potential against sewage treatment plant capacity." The Draft Report, raises the issue as noted above, but does not appear to provide any evaluation as to whether there is sufficient uncommitted reserve capacity in the receiving municipal sewage treatment plant to accept leachate that will be generated as a consequence of this proposed landfill expansion in its entirety, and how that leachate will reach the municipal sewage works (trucking, pipeline). If not sufficient uncommitted reserve treatment capacity is available at the municipal sewage treatment works, no discussion is provided as to where else leachate will be directed to, how it will be directed, and whether any Class EAs are needed either from a collection and/or treatment perspective at the municipal treatment plant(s), to accommodate the leachate that will be generated from this landfill expansion.	The Draft Report should be revised so that the Final Report fully addresses the receipt of and treatment of leachate generated by this landfill expansion, whether there is sufficient uncommitted treatment capacity available, and if not, where will leachate be directed, and how. The question will any Class EAs independent of this Individual EA be needed either from a collection and/or treatment perspective at the municipal treatment plant(s), to accommodate the leachate that will be generated from this landfill expansion should be answered and discussed in the Final Report.	See item 13.	Leachate Disposal Report, Appendix I	7.3	
		Southwestern Region **Ryan Smith, Surface Water Specialist** **September 19, 2017**					
34	1	Comment: Report states that "We note that the proximity of the current watercourse and the existing waste footprint had been identified by MOECC reviewers as a potential site concern, though ongoing monitoring has shown no impacts." Concern: No record of correspondence showing concerns from MOECC.	Actions: Ask that the proponent clarify this statement. Who from MOECC identified this valid concern?	Burnside will review correspondence records to determine the source of this concern, and make corrections or citations as necessary.		N/A	The ministry's concern regarding the proximity of the site to the current watercourse is present within Burnside's St. Marys Proposed Terms of Reference, dated
35	2	Comment: "The exact nature and extent (area) of the CKD plie is unknown, leading to concerns for design of any site expansion that sits above the CKD. In particular: • The stability of the CKD is unknown. Placing the footprint above the CKD could lead to slope failure • The composition of the CKD is unknown. It may react negatively with any leachate contact. • The extent of CKD material may require field investigation." Concern: Despite Methods 4 or 5 not being used, I am concerned that all these unknown variables exist surrounding the CKD without knowing how it could behave if ANY expansion would occur. I also note that the watercourse realignment may be in closer proximity to the CKD area also increasing the risk of water quality impacts.	Actions: Have the proponent further define the issues surrounding the CKD pile including: proper delineation; characterization of the chemicals of concern; potential migration pathways (Overland vs leachate creation); and monitoring/contingency surrounding these findings.	See item 12 (including sub-parts a, b and c).	Hydrogeology Study Appendix I	5.3.1 and 6.4.1.3	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
36	3	Comment: "MHB is the overflow from the perforated pipe under Stage 5 of Phase II/III. Previous monitoring reports stated that a water sample from the overflow of MHB was tested in November 2007, and the results indicated that 'MHB is not impacted by the landfill' (CRA, 2011). Burnside sampled the overflow in May 2015. Leachate indicator results are included in Table 22. The chloride concentration was 96.9 mg/L and the remaining leachate indicator parameters were also slightly elevated. MHB is being added to the monitoring program beginning in 2016 to establish a database. The results will be used to identify trends and assist in determining if leachate impacts are present." Concern: I have raised this concern (MHB discharges impacting Surface Water resources In Basin B identified in sample location SP1 B-94, later verified through field observations) in my initial review and correspondence of the Draft Hydrogeological Work Plan (July 2015), and the Draft Ecological Work Plan (April 2015) which were sent to the then Project Officer Sue Edwards. These comments were submitted October 9, 2015 to the proponent. An expansion as proposed in this EA will likely generate increased amounts of leachate impacted Groundwater flowing from MHB and thereby has a risk of contaminating Basin B and the downstream resources, thereby causing a water quality impact to the receiver.	Actions: Have proponent address my initial concerns of the memo of October 9, 2015. Specifically, I would like a response to my comment "... 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." As well, please address my concerns where I state: "I would request that if feasible, benthic bio-monitoring be added to the assessment as is required in Section 24 of 0. 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'. (0. 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."** OVERALL: I would ask that the proponent supply more concise wording around the proposed monitoring and contingency plans with an expectation that moving forward, any plans will be reviewed and accepted by the Ministry.	Highlighted for removal from consideration in the EA reporting, perhaps with some minor text change. It has been agreed already that this effort is more appropriately addressed through the site's (current) monitoring program, and as may be modified following the EPA expansion approval process. See also item 36a.	Hydrogeology Study 4.5.3 5.2.1 6.2.3	6.4.1.3	Confirmed with the Town that MHB contiued to be monitored in 2019 as part of the annual landfill monitoring
36a	3a	I would request that if feasible, benthic bio-monitoring be added to the assessment as 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 Landfill Sites'. January 28, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth: See inserted sentence (blue) in Proposed Response Action Plan column. As mentioned in previous meetings, the main environmental assessment report should include a description of baseline conditions in the existing watercourse. This information should be detailed enough to understand the potential effects of the proposed watercourse relocation. Additional Reviewer comments (from email text): It is my hope that the Natural Heritage Assessment report will contain the missing baseline information. Also, I note that the consultant is using the term “water quality” when it appears that they mean “water chemistry” when they say: “Water quality will be used as a method to monitor watercourse conditions as part of a future ECA landfill monitoring program. Water quality is (and will be) monitored as required under the landfill’s Environmental Compliance Approval (ECA) issued by the MECP.” Typically we use “Water Quality” to describe an ecosystem level assessment (which can include water chemistry, sediment chemistry, flows, benthos, fisheries, etc etc.). Using water chemistry analyses as an indicator is reasonable for the expansion, however, I usually ask for triggers and a contingency plan if monitoring identifies degrading water chemistry results over time. These can be addressed at the ECA level. I wanted to point it out but it’s not a problem, just a clarification.	N/A - this comment was from the "Proposed Action/Solution" Column	Benthic monitoring had historically been undertaken in the existing watercourse but was discontinued as it found that the landfill had no impact on the benthic communities. Additional detail of previous benthic monitoring and Burnside's discussion with UTRCA regarding benthic monitoring (Burnside letter dated September 7, 2016) will be brought into the EA Report. The EA Report will provide a rationale for why additional benthic monitoring is not required at this time. The EA Report will also commit to assessing the need for future benthic analysis as part of the post-expansion site monitoring program.	N/A	5.3.1 and Section 10.1	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
37	4	Comment: "Surface water collected from the cover and perimeter of Phase II/III is directed to stormwater Basin B by a CSP beneath the access roadway. The inlet sample location SP18-94 is at the discharge of the CSP to Basin B. Chloride concentrations at the inlet (SP18-94) are typically higher than the outlet (SP28-94). In the last 10 years, chloride at the outlet has exceeded the Aquatic Protection Value (APV) of 180 mg/L on two occasions (August 2012 and November 2014)." Concern: These comments reflect my concerns stated in the October 9, 2015 memo.	Actions: I would ask the proponent to clearly define the monitoring plan for the SP1B-94 sample location, as well, have the proponent define the contingency plan on how to address the potential leachate being generated and discharged from MHB which discharges into SP1B-94 and Basin B. Basin B should not have any leachate contaminated material accessing it.	As with item 36, monitoring will continue through the current monitoring program, and will be updated as part of the EPA application process for the expanded landfill. Basin B will be incorporated into the expanded landfill footprint. We will describe how the expansion design and the post-expansion monitoring program will address concerns.	Hydrogeology Study 4.5.3 5.2.1 6.2.3	10.1 Additional Studies and Design Considerations	Confirmed with the Town that MHB contiued to be monitored in 2019 as part of the annual landfill monitoring
38	5	Comment: a) Potential degradation of water quality due to accidental spills or releases, and leachate. Concern: Mitigation measures identify spill contingency and response plans, as well as ESC measures but does not address chronic leachate related impacts.	Action: The proponent will need to expand the mitigation measures to deal with leachate related impacts that are not simply spill related measures. This dovetails with my MHB comments and the findings that potential leachate impacted surface water is accessing Basin B.	We can clarify the content of Table 12 in the EA Report in this regard. We intend to note that a 3-tiered monitoring program will be developed as part of the EPA application process. It will not be detailed at the EA stage.	N/A	10.1 Additional Studies and Design Considerations	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
		Christopher Munro, Senior Waste Engineer Environmental Approvals Branch Memorandum dated September 12, 2017					
39	1	The Draft Reports of the EA did not show how the volumes of each design were calculated and what compacted density was used. These details· should be included in the final EA to ensure that the proposed design and final contours are correctly calculated. The determination of the preferred option is logical and as presented seems to be the best option. I do not have any other concerns with the Draft Reports of the EA that require any revisions to the EA. However, at the EA stage the design and operational aspects of the landfill are high level and are not presented with sufficient information that is required when applying for an ECA. To ensure that the future ECA application is complete, the following items will need to be addressed that were not fully discussed in the EA.	• With the proposed vertical expansion of the landfill, it is critical that a geotechnical assessment is conducted for the suitability of the increased load on the existing waste. The assessment must consider bearing capacity, differential settlement and slope stability during construction, operation and after closure, and that addresses the potential effects on any liner or leachate collection system, as per Section 6.(2)(c)(v) of O.Reg 232/98. • While it is understood that the current landfill is situated directly on top of the clay-rich soils without a low-permeable liner, the horizontally expanded portion of the landfill may need to be designed with a liner depending on a detailed geological assessment of that area. The geological assessment must determine the potential for fractures or sand seems within the clay that may decrease the integrity of the clay and provide potential pathways for leachate to migrate offsite. Within the design specifications report the proposed design of the leachate collection system with or without liner must be outlined in detail, as per Section· 6.(2)(c)(vii) of O.Reg 232/98. If a low-permeable liner is not being proposed, then a construction and inspection protocol must be presented to ensure that the clay is free of fractures and sand lenses.	The majority of this information is contained in Attachment E. We will add historic disposal tonnage and resulting in-situ waste density information into the background data for the EA Report.	N/A	Table 3-4	
		Air Quality Analyst Mallory Jutzi Technical Support Section, Southwestern Region Memorandum dated September 15, 2017					
40	1	<u>Previous MOECC Southwestern Region Air Quality Analyst Comments</u> • 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, as list of the "dust management practices" must be presented. • "…the proponent notes that they will be modelling landfill gas. The list should include all of the species recommended by the ministry, at a minimum." • "Any final work should include landfill monitoring as an ongoing part of operation of the site. Therefore a monitoring plan should be included." The report should address the comments provided by the MOECC in the October 9, 2015 memorandum to R.J. Burnside & Associates Limited, in particular, whether monitoring was considered for the air quality assessment work plan (and if not, provide reasons why monitoring was not considered). Similarly, the report should acknowledge whether air quality and odour monitoring is recommended and/or will be proposed at a later stage of the project.	N/A	Modelling has been completed that shows the site is not a concern from an emissions (dust, odour, etc.) perspective. This assessment addresses existing operations and proposed future operations under any of the Alternative Methods discussed in the EA Report. Monitoring is not recommended for the future operation of the landfill. Additionally: • The Air Quality Assessment (Attachment F-3) addresses the comment about landfill gas modelling for ministry recommended species. This information is provided in Tables E4-1 through Table E5, and Appendix A Section 3.5. As a result, the only change required is to update the Record of Consultation that identifies the comment and how it has been addressed.	ESDM Report: Section 8.14	9.4.1	Section 8.14 added which says "The results above show that the landfill emissions are not expected to have a significant off property impact so monitoring is not recommended."
41	2	<u>Background Air Quality</u> The Draft EA contains modelled data on background air quality. However, the report does not contain information on local and regional background air quality, for example, a review of data from nearby MOECC ambient monitoring stations, or data that may have been collected by St. Marys Cement. Available local and regional data should be included in order to sufficiently characterize the existing background air quality.	N/A	The Air Quality Assessment (Attachment F-3) addresses this comment in Section 8.0, Tables E4-1 through Table E5, and Appendix A Section 3.1. We will provide an update to the Record of Consultation that identifies the comment and how it was addressed. We will add a section in the report that brings the contaminants of concern, averaging period, stations used, years used, background concentrations, etc., forward from Appendix A.	ESDM Report: Updated Screening Table (EA-05) in F-3. Added Section 3.2	6.4.1.1	Updated Screening Table (EA-05) with 8h carbon monoxide AAQC in F-3. Add section 3.2 Contaminant Screening to Main Report which provides some details and direction to Appendix A Section 3.5 for more detail.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
41a		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	A summary of ambient background concentrations for the study area should be provided. For example, a table (or tables) listing the contaminants of concern that have been identified for the study, the station(s) and years of data that were used to establish background concentrations, the averaging period (1 hour, 24 hour, annual), background concentration (e.g. average or median, 90th percentile concentrations), air quality benchmark (AAQC or CAAQs), and background concentrations as a percentage of the respective air quality benchmark.	o Burnside will create a table with source of background data (publication, station, years). Compare background alone to criteria for all averaging periods. o In P2 of Section 8.0 add reference to above table and explain in detail how to calculate values in each column.	ESDM Report. Section 4.5 Added Table 5b: Combined Summary from All Alternative Methods. All columns in Table 4-x explained in Section 8.0	N/A	90th Percentile Background data from London 15026 shown in Table in Section 4.5 compared to criteria. Added Table 5b: Combined Summary from All Alternative Methods. All columns in Table 4-x explained in Section 8.0
41b		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Background concentrations should be provided for all contaminants listed in Tables E4-1-E4-4, with the exception of odour. For example, monitoring data from the London NAPS station can be used to provide background concentrations for VOCs (vinyl chloride, chlorobenzene, dichlorofluoromethane), and data from nearby or representative AQHI station(s) can be used to estimate CO concentrations. All data sources should be documented.	Background data already provided for NOx, PM, PM10, and PM2.5 from MECP station in London. Searching all of MECP and NAPS files from 1974 through 2017 provided values for vinyl chloride and CO. Vinyl chloride data is only available from 2002 to 2004 in Sarnia, and 2004 in two other locations which is not representative. Data for methane, dimethyl sulphide, dichlorofluoromethane, and chlorobenzene are not available. All of these contaminants are below 1.1% of criterion so adding background would only further show that the site emissions are negligible. Burnside will add CO background information to the assessment and text explaining the absense of other background values unless the MECP can provide a link to background data for the other contaminants.	ESDM Report: Section 4.5	N/A	Added CO background. Added paragraph explaining source and missing data (Section 4.5)
41b'		*Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Vinyl chloride and chlorobenzene are included in the NAPS list of VOC analytes. The five most recent years of monitoring data from the London NAPS station should be used to provide background concentrations for these contaminants. This data is available on the Environment and Climate Change Canada NAPS website (http://maps-cartes.ec.gc.ca/rnspa-naps/data.aspx). Note that the London NAPS station number changed from 60903 to 60904 in 2014.	Data for Vinyl chloride and chlorobenzene has been downloaded for 2009 through 2013 which corresponds to the data provided by the MECP. The 90th Percentile of those 5 years of data will be used as the 90th percentile value for those contaminants.	ESDM Report: Section 9, Table 4a and 4b (E through 4)	N/A	Added Section 9.2 and 9.3
41c		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	In Tables E4-1-E4-4, under the Regulation Schedule # column (that lists the applicable benchmark, AAQC, guidelines, JSL, etc), there is an entry that says "AAQC 2020"; this should say "CAAQs 2020".	Typographical error will be corrected	In ESDM Report tables: Corrected to CAAQS 2020	N/A	
41d		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Background and modelled concentrations (including combined levels) of NO2 should also be compared to the Canadian Ambient Air Quality Standards (CAAQs 2025), as these criteria will come into effect over the lifespan of the project.	Comparison to 2025 criteria will be added. CO2 JSL value will be updated to reflect new value provided in ACB List.	In ESDM Report: Section 8.11.	N/A	CO2 value updated. NO2 2025 1-h values added to emission summary table. Compactor updated to Tier 4 emissions for
41e		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Section 8.0 – Combined Impacts needs to be reviewed (this was raised earlier and acknowledged in Comment and Response #42). A comprehensive discussion should be provided of how the combined impacts (modelled plus background) compare to the AAQC or applicable benchmarks in this section and elsewhere in the report.	Burnside will provide description of how to read Table 4x to understand the approach and a sentence on each contaminant for each averaging period comparing the background (if any - Measured or traffic model), Site Value, and total of all against the relevant criterion.	ESDM Report: Section 8.0. Contaminants discussed in Sections 8.x and 9.x	N/A	Description of Table 4x in Section 8.0 of ESDM. Each contaminant discussed in Sections 8.x and 9.x

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
41f		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Currently, the results presented throughout the report and in the Executive Summary and Conclusions include only a comparison of the predicted POI concentrations to the benchmarks. However, the combined impacts are highly relevant for assessing the environmental impacts of the project. As such, the key findings from the Combined Impacts section should be included in the Executive Summary and the Conclusions. Section 8.0 – Combined Impacts should: o Clearly explain how the combined impacts were assessed. o Add a summary table of the combined impacts for the current scenario compared to the alternative methods, along with the applicable AAQC or other benchmarks (i.e. a similar format to Table E5). Discuss the difference between the scenarios. o Explain how the "Maximum Impact" and "Maximum Impact (%)" columns in Tables E4-1-E4-4 were calculated, including the reason why the MECP background was added to the Water Street modelled background. o Explain what the "max value converted to criterion period" column represents. It looks like the "Max POI value" column, just rounded to one decimal place. o Discuss the frequency of exceedances of any benchmarks, where applicable. o Include any other information relevant to the discussion of the results.	Currently, the results presented throughout the report and in the Executive Summary and Conclusions include only a comparison of the predicted POI concentrations to the benchmarks. However, the combined impacts are highly relevant for assessing the environmental impacts of the project. As such, the key findings from the Combined Impacts section should be included in the Executive Summary and the Conclusions.Text on Combined impacts from Section 8, including #41e expansion will be added to Exec Sum and Concl. Section 8.0 – Combined Impacts should: o Clearly explain how the combined impacts were assessed. (see 41e) o Add a summary table of the combined impacts for the current scenario compared to the alternative methods, along with the applicable AAQC or other benchmarks (i.e. a similar format to Table E5). Discuss the difference between the scenarios. Will add Table 5-2 comparing combined results to criteria. o Explain how the "Maximum Impact" and "Maximum Impact (%)" columns in Tables E4-1-E4-4 were calculated, including the reason why the MECP background was added to the Water Street modelled background. (see 41e) o Explain what the "max value converted to criterion period" column represents. It looks like the "Max POI value" column, just rounded to one decimal place. Accounts for modelling of contaminants with 10-minute averaging when AERMOD 1-h value is used. Has no impact here. Column will be removed. o Discuss the frequency of exceedances of any benchmarks, where applicable. The number of exceedences experienced at each residence on Water Street in each modelled year (% of the time) will be provided with a discussion. o Include any other information relevant to the discussion of the results. Modelling will use current (v16216r) version.	In ESDM Report: Executive summary, Sections 9 & 8. Tables 5b & 5c.	N/A	Executive summary added section on cumulative impacts. Section 9 discusses cumulative impacts by individual contaminant. Table 5b shows background vs criteria. Table 5c shows site + background vs criteria. All columns explained in Section 8.0. Frequency of exceedence was assess only for odour as all other contaminants are below criterion at all sensitive receptors for worst case-off-property. Odour impact appears to cause complaints less than 99.5% of the time.
41g		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	In Table EA-05, Contaminant Screening, the source of the Emission Rates is cited as (1) Analytical Results of LFG from Municipal Landfill – Provided by Kent (at RJB). This reference should be clarified, e.g. specifying what municipal landfill these results are from, information about the analytical results (number of samples, time period), whether this is an internal reference document, and how these compare to AP-42 emission factors.	Reference on Screening table was incorrect. Actual source was AP-42 Chapter 02 Section 4 - Municipal Solid Waste Landfills Table 4.2-1. Text will be corrected.	ESDM Table EA-05	N/A	Reference corrected
41h		*Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.*	Hydrogen sulphide ranked 15th on the contaminant screening list and therefore was not evaluated. However, hydrogen sulphide is a common contaminant of concern for landfills and should be included in this assessment.	Hydrogen sulphide was ranked 15th in the screening table because, as explained in the seciton on screening, the emission rate divided by the criterion was the 15th highest value. Therefore, the other 14 contaminants would exceed criteria before hydrogen sulphide exeeded. Given that Dichlorofluoromethane is modelled at less than 0.1 $\mu g/m^3$ (negligible), hydrogen sulphide will also be negligible. Given that the criterion for hydrogen sulphide is 7 $\mu g/m^3$ (24) or 13 $\mu g/m^3$ (10 min), the maximum POI will not approach 1%. Hydrogen sulphide will not be modelled as it has alrady been	ESDM Report	N/A	HS added to assessment in all alternative methods (Mistake in screening showed another contaminant as highest odour impact.
41h'		Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	The 10-minute AAQC for hydrogen sulphide was not accounted for in the contaminant screening list (Table EA-05). Please include the 10-minute AAQC for hydrogen sulphide in this table, and update the ranking and modelling assessment as applicable, based on the results.	Table 5 will be updated with the 10-minute AAQC for hydrogen sulphide (13 $\mu g/m^3$). It will become rank 2 so no modelling will change for the 10-minute average.	Table EA-05 updated to include HS screening. HS now highest screened contaminants so HS modelled. Tables	N/A	
41i		Clarifying comment provided during November 21, 2018 meeting, and summarized in December 4, 2018 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	The report should discuss the frequency of odour exceedances (at the 1 OU, 3 OU, and 5 OU levels) at sensitive receptors under the modelled scenarios.	As indicated in the report, the emission rate values used for odour were not absolute values and can only be used for comparison purposes to assess which alternative is preferred. The values used are known to be excessive so a frequency analysis of those results would be inappropriate. More relevant is the 9 complaints in 3 years which reveals approximately 3 exceedances a year of the level of annoyance. Odour does not have a mandated criterion. The model assumed odour emissions all year. In fact, odour emissions are higher in the summer and lower in the other seasons with next to no odour in the winter. The model assumed the odour emission to be constant. Any odour model to address frequency would require good odour emission rates, accurate exposed faces, appropriate adjustments to emission rates based on temperature al of which, at the end, would result in reaching compliant levels about 3 times a	ESDM Report	N/A	Composting odour emission rate was reduced to equal the odour emission from the working face which is still considered conservative; however, these results are similar to the odour compliants so the model is reasonable.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
41i'		Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	Section 7.6 of the report concludes that, "all the Alternative Methods appear to have the same impact as the current situation". This section should include quantitative results to support this conclusion. A frequency analysis of odour exceedances at sensitive receptors under the modelled scenarios would support this conclusion. Exceedances of the 1, 3, and 5 OU levels at sensitive receptors had been suggested; however, an alternate threshold may be proposed (for example, Section 9.3 "Odour Accuracy" indicates that complaints would be expected at the 10 OU level). The report explains well that the odour model results should not be considered absolute values, rather, they should be used to compare the alternatives amongst one another. Similarly, a discussion may be added to explain that the frequency of exceedances cannot be considered absolute values (for the reasons described in the updated response), but rather, used for the comparison of the alternatives.	An alternative threshold will be used and calibrated to existing odour complaints. Frequency analysis will be done on that level.	Section 8.13 and Table 6x and 7.	N/A	
41j		Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	The landfill gas emissions reported in Table EA-05 appear to be off by a factor of 1000. That is, they are 1000 times too low. It looks like the emission calculations are based on 0.041 moles in 1 m^3, versus 41 moles in 1 m^3. The sample calculation in Section 3.6 (page EA11) provides the Total Moles per litre rather than the Total Moles per m^3. Please review this and comment on whether these were the emissions used in the modelling assessment. If so, please	Error will be corrected.	Table EA-06 updated and all subsequent tables and related text.	N/A	
41k		Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	The total emission rates from the landfill is the same between all alternatives, including the current. Please include a comment on how this was determined.	The only difference between the various scenarios is the location of the open face. It is expected to be the same size and shape regardless of location so the emission rate should be the same.	Updated Existing calculations to use 1e6 m3/yr instead of 1.8e6 m3/yr. Updated Table 1_E & Table EA-06_E, Added Table1_2-4, Table EA-06_2-4	N/A	
41l		Additional feedback provided in February 6, 2019 email from MECP's Jenny Archibald to Burnside's Jamie Hollingsworth.	The total emission rate (g/s) columns in Table E4-1 appears to include the emission flux (max emission rate, g/s/m^2) from Table EA-05. Please confirm which values were used in the model.	Table will be corrected so values match the units shown. Emission rate in g/s/m^2 is modelled for area sources but the total emission in g/s is the same.	Tables 4q & b (E through 4) updated	N/A	
42	3	Emissions Summary and Dispersion Modelling Report The content in the ESDM report (Section 8.0, Combined Impacts, p.16) should be reviewed for sentence structure and clarity. The ESDM report (p.16) mentions that data was used from an MOECC monitoring station in Stratford to calculate background concentrations. However, the MOECC does not have a monitoring station in Stratford. Additional details should be provided on the source of this monitoring data, including the station name, parameters monitored, and duration of data used to calculate background concentrations.	N/A	The background 90th percentile Air Quality values for NOx (1-hour and daily) and PM2.5 were obtained from London (Station 15026) using the years 2009-2013 inclusive. This data set matches the years of Site Specific meteorological data provide by the MECP for the air dispersion modelling performed for the Site. The report will be changed to identify "London" as the monitoring station (as was actually used). We will update the report with an extended explanation of data sources and normals.	ESDM Report Sections 8/9	N/A	MECP measurement data from London was used (text corrected). Number of rainly days was taken from the stratford WWTP
43	4	<u>Dust and Odour</u> The ESDM report references a dust Best Management Plan (BMP) that is currently in place for the site, to ensure that the road dust is kept to acceptable levels. The EA should specify whether the BMP will be revised, or a new plan developed, for the construction phase of the proposed expansion.	N/A	As above (item 40), modelling shows that dust is not a concern for existing and future operations. The site operates under an existing ECA with specific requirements. Further, the Town follows Best Management Practices for the site's operation. The Town intends to continue operations following expansion in accordance with Best Management Practices, including any updates that may occur in the future. The future expansion will similarly be subject of an ECA with specific requirements for dust control, potentially beyond Best Management Practices. A plan for dust control will be part of the ECA application. These will be determined during the Environmental Protection Act application process, following this EA. However, the Net Effects Mitigation Plan (Section 12) will be updated to make this clear. It will also consider the efforts required during the construction phase of the proposed expansion.	ESDM Report, Section 7.2.	N/A	Text indicates that BMPP is in place but not considered in the modelling.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
44	5	Additional Comments "Atmosphere" should be included in Table 12.0, "Net Effects and Mitigation" (p.68). Mitigation measures and monitoring activities are recommended during construction for other components of the Natural Environment, such as surface water and groundwater.	N/A	Atmosphere will be included in Table 12.	EA document comment only - no change to technical document	8	
45	6	Additional Comments The Table of Commitments (Table 16.0, p.83) states that closure and post-closure care affect only hydrogeology, economics and the conceptual design (including surface water). Landfill gas should also be considered for closure and post-closure care.	N/A	Landfill gas emissions will peak in the last year of operation (https://www.sciencedirect.com/science/article/pii/S0959652617317316, Figure 3). Since this condition was modelled and shows compliance, there is no expectaion that the landfill gas emissions will cause an adverse effect after closure. We will revise the report to be clear that the future monitoring of the site, under the revised ECA, will determine the groundwater, surface water and landfill gas monitoring to be completed at the site during closure and post-closure care.	ESDM Report: Section 11.0.	N/A	Conclusion added text "Since landfill gas was modelled for the worst case (closure) and the results show low impacts, landfill gas monitoring is not warranted."

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
		Source Protection Programs Branch Ayana Aden, Program Analyst Memorandum dated September 6, 2017					
46	1	We recommend the proponent continue to engage with the Upper Thames Conservation Authority in the Thames Sydenham source protection region to better understand potential impacts on drinking water sources as a result of this project. Potential impacts of the project on other types of systems (i.e. private systems) should also be considered in the assessment. The engagement would cover not only what is currently in the approved Thames Sydenham source protection plan, but also any plan amendments that are being considered and how they may impact the project. We also recommend that the results of that engagement and consultation be documented within the Public Consultation Report.	N/A	UTRCA has been consulted during the EA's preparation and we have addressed their comments. Minor edits to the Record of Consultation can be provided for additional clarity. We do not feel addional consultation with UTRCA is warranted given their comments to date. URTCA have been provided with a copies of our reporting thtoughout the EA process and they have provided comments to which the EA Team has responded as necessary. UTRCA will also be provided a copy of the final EA Report.	N/A	9.4	
		Stefanos Habtom P.Eng. Senior Wastewater Engineer					
47	1	In terms of the mandate of the Wastewater Unit of the Approvals Services Section of the EAB, the preferred alternative landfill expansion through a combination of vertical and horizontal expansion is acceptable and I do not have any additional comments or concerns. As outlined under Section 6.2.1 of the "Hydrogeological Study – Future Solid Waste Disposal Needs Environmental Assessment – Town of St. Mary's" report, there will be a need to assess the quality and quantity of leachate that will be generated from the proposed landfill expansion and complete a treatability study for the municipal sewage treatment plant to ensure that the treatment plant has the capacity to handle the additional loading from the landfill expansion and meet all regulatory requirements. Also as outlined under Section 7.0 of the above noted hydrogeological study report, approvals under Section 53 OWRA will be required for any additional or upgraded stormwater management facility. For this purpose, the Town of St. Mary's needs to submit a completed application and a design brief for the proposed sewage works.	N/A	See item 13.	Leachate Disposal Report, Appendix I	N/A	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
		Southwest Region Technical Support **Mark Harris, Hydrogeologist** **Hydrogeological Report Memo dated September 18, 2017**					
48	1	Recommendation - An assessment of the groundwater impact (if any) beneath lands just down-gradient of the existing landfill site, as well as in the proposed expansion area. This should include some consideration of the potential for impacts from the cement kiln dust stockpile. I would encourage the proponent to discuss any investigation details with the Ministry's Regional Office	N/A	During the MECP meeting of November 21, 2018 it was suggested that the Burnside hydrogeologist and the MECP Regional Technical Support Hydrogeologist meet. This meeting took place on February 5, 2019 at the London Regional office. The specific characteristics of the site geology were presented for discussion, as well as the effect that geology has on the occurrence and movement of groundwater at the site. New monitoring data collected in 2018 was also presented. This provided the MECP hydrogeologist with a better understanding of the current site hydrogeology and the Leachate Collection System operation. It was agreed that the current hydrogeological interpretation of the site is reasonable and the monitoring program is appropriate. The MECP hydrogeologist requested that Burnside present the data and analysis discussed in the meeting for the EA record. We are proposing to create a new appendix for the Hydrogeology Study Report that contains the data and analysis discussed in the meeting. We feel this would provide a clearer record of the meeting than editing the existing report. The scope of work includes: 1. Prepare a technical memo that presents the visual information, data and analysis put forward in the meeting. 2. Submit the technical memo to MECP hydrogeologist for comment/approval. 3. Receive feedback from MECP review. Simple requests for clarifications or edits will be made to the technical memo (additional data collection is not required). 4. Upon acceptance of Technical Memo by the MECP hydrogeologist, incorporate the technical memo as an appendix to the Hydrogeology Study report. Some information from the technical memo may also be brought into the EA Report as needed. 5. Add all discussions/ correspondence into the Revised Action Plan and the Record of Consultation.	Hydrogeology Study Appendix I	10.1 Additional Studies and Design Considerations	RAP was completed. Appendix I was created and submitted to the MECP for comment. Comments were received in an email from Jenny Arc hibald on October 29, 2019. Appendix I is part of Hydrogeology Study Report and content from Appendix I was included in the Main EA Report.
49	2	Recommendation - An assessment of the success of the existing leachate collection system (LCS). It may be possible to make statements about the LCS using information gathered to respond to item 1. Discussion should be aimed at describing how we can be confident that the use of a LCS at the expansion site is expected to be successful. This should help to answer the question "How can we be certain that groundwater resources will be protected?"	N/A	See items 13 and 48.	Hydrogeology Study Appendix I	10.1 Additional Studies and Design Considerations	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
Ministry of Natural Resources and Forestry							
		Dave Marriott, District Planner August 18, 2017					
50	1	During the review of the TOR, it was noted that the EA on-site study area was licensed under the Aggregate Resources Act (ARA). It was also recommended that a meeting be scheduled to discuss options to address the license prior to filing the EA with the MOECC. The MNRF can confirm that in October 2016 St. Mary's Cement applied to surrender the areas of the license that overlap with the on-site study area, as the remaining aggregate resources were determined to be unsuitable for extraction. This surrender request was approved by the MNRF. This updated information could be included in the EA report.	N/A	The EA will be updated with a note confirming that St. Marys Cement has surrendered their aggregate license for the proposed landfill expansion area. The Town of St. Marys will obtain and provide evidence of this for incorporation into the EA Report.	N/A	5.3.1	
51	2	As a general comment, it is recommended that Table 12 (Net Effects and Mitigation) in the report be reviewed against Appendix H (Impacts and Mitigation Table) in the Natural Heritage Assessment (NHA) for consistency. It appears that mitigation measures recommended in the NHA (e.g. Terrestrial Crayfish) have not been fully referenced in the body of the report.	N/A	Table 12 will be reviewed to ensure it is consistent and complete relative to Appendix H and the NHA.	N/A	8	
52	3	As a general comment, the EA may benefit from including a section towards the end of the report summarizing how the commitments and recommendations in the EA will be implemented during detailed design. For example, this could include the development of a natural heritage plan that further details how the mitigation measures (e.g. exclusionary fencing) recommended in the NHA will be planned and implemented.	N/A	A new section will be included in the EA which identifies commitments for the detailed design stage.	N/A	10	
53	4	Section 4.2.2.2 in the NHA notes that breeding habitat for Eastern Meadowlark was confirmed in the on-site study area during the 2015 surveys. Eastern Meadowlark is listed as threatened under the Endangered Species Act (ESA), and the species receives both individual and general habitat protection under the Act. Under Ontario Regulation 242/08, certain activities are allowed that would impact endangered and threatened species, provided the requirements of the exemption regulations are followed. Eastern Meadowlark is addressed in the exemption regulations under Section 23.2 (Development – Eastern Meadowlark). The report discusses that the preferred alternative may impact breeding and foraging habitat for Eastern Meadowlark. Table 12 correctly identifies the protections afforded to the species under the ESA and Ontario Regulation 242/08. It is recommended however, that the proposed mitigation for Eastern Meadowlark in the table include that during detailed design the Town will confirm the amount of protected habitat for the species that may be impacted by the preferred alternative and any associated activities (e.g. watercourse relocation). If habitat for the species may be impacted, it is also recommended that the Town review and follow the cited exemption regulation.	N/A	A review of impacts to Eastern Meadowlark habitat and any necessary permitting requirements/exemption criteria will be included in the commitments section discussed in the previous response.	N/A	8.0 and 10.2	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
54	5	Section 4.2.2.2 in the NHA also notes that a breeding pair of Bank Swallows was observed nesting in a stockpile in the landfill during the 2015 surveys. Bank Swallow is listed as threatened under the ESA, and the species receives both individual and general habitat protection under the Act. It is understood that the stockpile eroded later in the breeding season, and as a result the species abandoned the habitat. No Bank Swallows were observed using the stockpile during subsequent site visits. Table 12 recommends that if Bank Swallows are observed nesting during construction, that construction activities stop in the location of the nest site plus 50 meters until no further evidence of breeding is observed. The MNRF agrees that it will be important to ensure Bank Swallows and their habitats are not adversely impacted during the breeding season. As a point of clarification, however, active nest sites are protected outside of the breeding season as well. It will be important to ensure that active nest sites are maintained until an authorization under the ESA has been issued to permit the alteration/removal of the habitat, or until it has been determined that the habitat is no-longer suitable and has been abandoned(i.e. no breeding for more than an entire year). It is recommended that this be referenced in the table. As a best management practice, the MNRF agrees with the mitigation measure in the table recommending that the Town take steps to ensure that new suitable nesting sites (e.g. vertical faces) for Bank Swallows are not inadvertently created during landfill operations.	N/A	Table 12 will be updated to indicate that active nests continue to be protected outside of the breeding season and that any removal at any time may be subject to the ESA.	N/A	8	
55	6	The NHA notes that Terrestrial Crayfish chimneys were incidentally observed during breeding bird/snake surveys in the on-site study area northwest of the capped cement kiln dust pile. This area of the site appears to be north of the proposed horizontal expansion of the landfill. Provincial guidance recommends that Terrestrial Crayfish habitat be considered to be significant wildlife habitat (SWH) due to the rarity of these habitats. Section 5.5 in the NHA describes this habitat as SWH, and Appendix H recommends that the MNRF be consulted for guidance regarding mitigation. The MNRF can provide the following recommended mitigation measures to the project team for	N/A	N/A - Discussed in items 55a, b and c.	Natural Heritage Assessment (Vol D)	8	
55a	6a	It is recommended that the proposed expansion and operations of the landfill avoid the areas around the damp Common Reed Pockets northwest of the capped cement kiln dust pile. Site alteration and soil compaction from machinery in this area may physically remove the burrows and associated tunnels used by the species;	N/A	Habitat for terrestrial crayfish is one of the environmental components considered in the evaluation of alternatives. It is believed that impacts to terrestrial crayfish habitat will be largely avoided with the preferred design. If it is found during this EA update or during detailed design that impacts are unavoidable, the MNRF will be contacted for further direction.	Natural Heritage Assessment (Vol D)	8	
55b	6b	It is recommended that the hydrology associated with this area of the site be maintained. Changes in the water table or surficial drainage around these Common Reed Pockets may result in flooding of the burrows or conversely making the soils too dry to support crayfish. This should be considered during the design of the relocated watercourse; and	N/A	Consideration will be given to the hydrology of terrestrial crayfish habitat during the design of surface water elements and the watercourse relocation. This is an EPA process.	Natural Heritage Assessment (Vol D)	8	Within "Disturbance to Terrestrial Crayfish Habitat" row of table
55c	6c	There is the potential that juvenile Terrestrial Crayfish may be using the watercourse during their lifecycle. It is recommended that the relocation of the watercourse avoid the June to July period, to avoid potentially impacting individuals of the species if they are present.	N/A	A note will be included in Table 12 to indicate that the watercourse relocation should be avoided during the June to July period. We will provide a commitment to to document completion.	Natural Heritage Assessment (Vol D)	8 and Table 8-1	
56	7	To mitigate potential impacts to basking turtles, Table 12 recommends that prior to construction commencing, and prior to emergence from hibernation, exclusionary fencing be installed along the watercourse and stormwater basins to prevent turtles from potentially accessing these habitats. The NHA (Section 4.2.3.2) notes however that the watercourse may also provide suitable overwintering habitat for turtles. If turtles are overwintering in the watercourse, the timing of the fence installation may actually trap turtles in the watercourse rather than preventing them access to it. Supplementing this approach with turtle relocation is recommended. This would require a Wildlife Scientific Collectors Authorization from the MNRF under the Fish and Wildlife Conservation Act.	N/A	Table 12 will be updated to note that an Environmental Inspector will inspect that fenced areas. If any turtles are trapped within the fencing, they will be relocated to an appropriate location. A Wildlife Scientific Collectors Authorization will be obtained prior to the erection of fencing to ensure the necessary permit is in place should any turtles be found. The area for relocation will be determined at that time. We will provide a commitment to to document completion.	N/A	Table 8-1	

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
57	8	Table 12 and Appendix H in the NHA recommends that educational material be provided by a Biologist to construction personal, to assist in identifying species at risk should they be encountered. It is recommended that this mitigation measures be expanded to include providing 'training' on the educational material as well.	N/A	The biologist or Environmental Inspector will provide educational material and training to construction personal to assist in identifying species at risk. Table 12 will be updated to include this note. We will provide a commitment to to document completion.	N/A	Table 8-1	
58	9	It is understood that the Upper Thames River Conservation Authority (UTRCA) will require, as a minimum, that the relocated watercourse provide equivalent aquatic conditions and habitat. The MNRF is supportive of this requirement. The Thames River downstream of the site provides known habitat for aquatic species at risk protected under the ESA. Maintaining the quantity and quality of water conveyed to the Thames River may be important to ensure potential adverse impacts to species at risk are avoided. If it is determined during detailed design that the relocation of the watercourse may impact aquatic habitats downstream of Water Street, it is recommended that the MNRF be contacted for further advice under the ESA.	N/A	A note will be included under future commitments to further study the effects of the watercourse relocation during the detailed design phase. Should there be a risk of impact to downstream species at risk, the MNRF will be contacted.	N/A	Table 8-1 and Section 10.1	
		Dave Marriott, District Planner May 15, 2018					
58a		We appreciate the project team's attention to our comments on the draft Environmental Assessment Report. Please note that the recommended approaches described in the Response Action Plan have addressed our August 18, 2017 comments on the draft report. We would appreciate, however, if the project team could complete the attached species at risk observation form for any listed species that were encountered during the field surveys, and submit the form to esaguelph@ontario.ca. Completion of this form will help to ensure our information on species at risk in the area is up to-date.		The MNRF's Species at Risk (SAR) Observation Entry Form (excel file) will be completed and submitted to the MNRF. A copy will be included in the updated EA Report.			Completed and submitted to MNRF.

		Agency Comment	Agency Proposed Action/Solution	Response Action Plan Approach planned/approved with Agency	Comment Addressed in Tech Report (Tech Report Name)	Comment Addressed in EA (Section in EA)	Additional Notes
Ministry of Transportation							
		Zsolt Katzirz **Highway Corridor Management Planner - West Region** **Dated: August 4, 2017**					
59		The provincial highway network plays a key role in linking communities and supporting economic prosperity across Ontario. MTO has interest (and concern) with any proposal that can impede highway traffic, impact MTO future rehabilitation or expansion projects and constrain the use of the highway property limit. In review of the documents for the subject proposal, our main concern is with trucks using Highway 7 as a haul route (primary or alternative) and the need to avoid MTO being required to mitigate impacts to these routes during any future construction or closures of Highway 7. Our recommendation is that any haul routes used be clearly identified in the EA. If Highway 7 should be identified as any type of haul route, an alternative acceptable route should be identified in the event that Highway 7 traffic is affected for an MTO project. The proponent should be advised that MTO shall not be held responsible (financially and otherwise) for any closures/impacts to Highway 7 resulting from MTO maintenance, operations, repairs, or construction.	Our recommendation is that any haul routes used be clearly identified in the EA. If Highway 7 should be identified as any type of haul route, an alternative acceptable route should be identified in the event that Highway 7 traffic is affected for an MTO project. Please clarify that this landfill is only to service the Town of St Marys, and excess capacity is not expected to be sold to outside entities which could involve a major increase in traffic around the site beyond Water Street South (the only affected road identified in the Traffic Impact Study).	The EA will be updated to include a brief description of proposed haul routes. Clarification will also be included in the project description section that the landfill will service the Town of St. Marys only.	N/A	2.1 and 6.6.3.2 and letter in Attachment A	
		Zsolt Katzirz **Highway Corridor Management Planner - West Region** **Dated: March 1, 2018**					
59a		If Highway 7 is identified as a haul route - we would also request either a statement be included in the EA, or a written confirmation from the town to address responsibility " The proponent should be advised that MTO shall not be held responsible (financially and otherwise) for any closures/impacts to Highway 7 resulting from MTO maintenance, operations, repairs, or construction."	Include a statement in the EA Report, or a written confirmation from the town that "MTO shall not be held responsible (financially and otherwise) for any closures/impacts to Highway 7 resulting from MTO maintenance, operations, repairs, or construction."	Town will provide a letter to the MTO as requested.	N/A	N/A- Town to provide letter	
Ministry of Tourism, Culture and Sport							
		Dan Minkin **Heritage Planner** **Email Dated: August 4, 2017**					
60		It is unclear why in this section the Cultural Environment is divided into Archaeological Resources and Heritage Structures (Built Heritage Resources, BHRs) as B1 and Heritage Landscapes (Cultural Heritage Landscapes, CHLs) as B2. If the three classes of cultural heritage resources are to be grouped into two subsections, it would make more sense to group BHRs and CHLs into one subsection and deal with archaeological resources in another, reflecting the way these types of resources are grouped for purposes of investigation through technical studies and development of mitigation measures. Subsection B2 defines a CHL as "a collection of individual BHRs and other related features that together form farm complexes, roadscapes and nucleated settlements". Most CHLs in fact are not identified by first identifying BHRs within their boundaries, and many do not encompass recognized BHRs. We would recommend using a definition of CHL based on that found in the 2014 Provincial Policy Statement.	Finally, we would recommend revising the headings of Subsections B1 and B2 in Section 7.2.2.2 to use the terms Built Heritage Resources and Cultural Heritage Landscapes instead of Heritage Structures and Heritage Landscapes.	We will include a statement in the EA as to the MTCS's request to deviate from the format specified in the TOR, noting that the deviation does not affect the outcome of the assessments.	N/A	5.4.1 and 6.5.2	

St. Marys Future Solid Waste Disposal Needs Individual Environmental Assessment

Response Addressing MECP comments provided March 20, 2020)

Item		Agency Comment	Topic	Comment Addressed in EA (Section in EA)	Additional Notes
Ministry of the Environment, Conservation and Parks					
#	Action ID	**Dorothy Moszynski and Jenny Archibald, Special Project Officers February 28, 2021**			
		Letter Comments			
1	1a	The draft EA should be updated to include the most recent ECA amendment to state the added capacity and timeframe for continued operations. The Town has chosen a planning period of 40 years, starting in January 2017. Previous comments provided by the ministry on the draft EA requested that the capacity approved through interim ECA amendments be removed from the total 708,000 m^3 capacity requested through the EA process, as this capacity has already been approved and is in use for continued operations..	Interim Environmental Compliance Approval (ECA) Amendment Description	3.1.2.2, 3.1.3.7	
2	1b	The draft EA should clearly identify that it is requesting the remaining, unapproved value (708,000 m^3 minus the approved capacity via the interim ECAs) via the EA process. The draft EA should also be revised, where necessary, to ensure that the planning period and capacity requested through the EA are clear. For example, on p. 105, the revised draft EA notes "to meet the Town's waste disposal needs for the next 40 years, 708,000 m^3 of landfill capacity is required" – this statement should be revised, as the Town's proposed planning period starts in January 2017 and a portion of the 708,000 m^3 capacity requested has been approved through interim ECA amendments.	Interim Environmental Compliance Approval (ECA) Amendment Description	Section 5	
3	1c	Revise the draft EA to clarify the planning period and capacity requested. Clarify how the interim capacity has been considered in the conceptual design of the preferred undertaking.	Interim Environmental Compliance Approval (ECA) Amendment Description	Section 6.1	
4	2a	The draft EA should contain a commitment that the Town will meet any future diversion targets set out in the provincial policy. The ministry recommends that a commitment be included in the EA to assess diversion rates at certain milestones (e.g., every ten years), if the project is approved; given the length of the planning period and the uncertainty with regards to changes to diversion rates over this timeframe. In addition, the ministry's previous comments also requested additional discussion of IC&I waste disposal at the existing landfill site (e.g., amount / proportion). This comment was not addressed in the revised draft EA.	Diversion	Section 11.4 and 11.5	
5	2 b	The draft EA should contain information on the amount/proportion IC&I waste disposal processed at the landfill (existing condition).	Diversion	Section 3.1.3.4	
6	3a	The draft EA needs to be consistent in describing the potential impact of relocating the watercourse nearer to the CKD pile and should clearly indicate what the potential effects from the CKD pile are on the environment when evaluating alternative methods in the draft EA. Based on discussions between the ministry, the Town and R.J. Burnside on September 24, 2020, the Town acknowledged the risks of proceeding to assess the CKD pile following the EA and addressing concerns at the ECA stage, e.g., that monitoring, mitigation and potential infrastructure changes could be required to address unidentified impacts leading to delays and potential costs to the Town to implement required monitoring and mitigation.	Cement Kiln Dust (CKD) Pile	Section 7.1.4.2 and 11.4	
7	3b	The ministry strongly recommends that the draft EA be revised to contain commitments to assessing the potential effects of the CKD pile on the watercourse, monitoring the effects during construction and operation, and proposing mitigation and/or adaptive management if impacts are identified through the monitoring.	Cement Kiln Dust (CKD) Pile	Section 11.1	
8	4a	The "Do Nothing" alternative should be carried forward through the assessments of alternatives to the undertaking and alternative methods as it represents the benchmark against which potential effects from other alternatives can be assessed; and, alternatives should be compared against each other to arrive at the preferred alternative.	Assessment of Alternatives	Section 3.8 and 7.0	
9	4b	Additionally, it is unclear why the specific indicators for the criteria being evaluated were removed from the evaluation of alternatives to the undertaking. In the January 2020 version of the draft EA, indicators were included. This information should be added back to the draft EA.	Assessment of Alternatives	N/A	As discussed with MECP through email correspondence, detailed indicatos were not developed for the
10	5a	In Section 3.8.5 and Table 3-17, potential and net effects on traditional and historical uses by Indigenous communities are discussed and assessed based on magnitude, duration, frequency and reversibility. It is understood that any prior uses on the property stopped once St. Marys Cement was active on the site. The draft EA should be clear that no changes to use of the site by Indigenous communities from the current baseline would occur from the project.	Effects Assessment	Section 3.8.5 and 7.4	

Item		Agency Comment	Topic	Comment Addressed in EA (Section in EA)	Additional Notes
11	5b	In Section 6.6.4 (p. 166), the draft EA discusses odour complaints from 2013 – 2015. If information on odour complaints after 2016 is available, it should be included in the EA. Section 6.3 (p. 115) states that the EA will consider potential effects from the construction, operation and closure of the landfill. It is unclear in the EA, for some criteria and indicators in the assessment of alternatives and the preferred undertaking, whether the potential effects of each stage (construction, operation, closure) are considered. For example, in Section 7.1.3 it is unclear whether noise from construction and operations is different and how this was considered.	Effects Assessment-General	Section 7.1.2	
12	5c	The draft EA should discuss potential effects, mitigation measures, and net effects for each stage of the project (construction, operation, closure).	Effects Assessment-Odour	7.1.2	
13	5d	In Section 7.1.4 (p. 179), effects to groundwater are discussed generally and not specific to the alternative methods being assessed. Potential effects should be discussed in relation to the alternative methods being evaluated, if they differ among various stages of the project (e.g., placing waste on top of the CKD pile for Alternative 5).	Effects Assessment-Groundwater	7.1.4	
14	5e	It should be clear from the draft EA why an alternative may be preferred over the other alternatives (with rationale, if needed). For example, Table 7-4 (p. 186) notes that no net effects are anticipated for all three alternatives. Much of the information presented in Table 7-4 applies to all three alternatives, yet the evaluation row of Table 7-4 notes that Alternative 5 is less preferred. The draft EA should explain how R.J. Burnside/the Town arrived at its conclusions.	Effects Assessment-General	Table 7-4	Less Preferred because of the higher level of mitigation measures required
15	5f	Table 7-5 (on p. 189) appears to present only baseline conditions for each of the criteria/indicators discussed and uses the same information for all three alternatives despite differences (e.g., Alternatives 2 and 3 involving the relocation of an on-site water course). Potential effects should be discussed in relation to any changes from baseline conditions and should be specific to each alternative being evaluated.	Effects Assessment-General	Section 7.1.4	Additional details regarding groundwater have been added.
16	5g	Table 7-5 (p. 190) notes improvements are expected to the on-site watercourse for Alternatives 2 and 3 as part of relocation, which may improve conditions. It is not clear what measures would be considered by R.J. Burnside and the Town. Please state in the draft EA how conditions would improve from the relocation.	Effects Assessment-General	Table 7-8 and 7-10	
17	5h	Table 7-6 (p. 192) discusses altering the location of the watercourse under the column for Alternative 5, while other sections of the draft EA note that Alternative 5 does not include relocation of the on-site watercourse. The draft EA should be consistent in its descriptions of the alternatives.	Effects Assessment-General	Table 7-6	
18	5i	In some sections of the draft EA, R.J. Burnside notes that mitigation measures will be applied which will result in no effects – however, measures are not specified nor discussed in any detail. This makes it difficult to discern whether the conclusion that "no net effects are anticipated" is reasonable. It is important to understand what measures are proposed to mitigate potential effects. Provide further discussion on the mitigation measures proposed and make commitments to apply these where needed.	Effects Assessment-General	Section 7.0 and all subsections	Details added. In some cases mitgiation will result in no net effects but some alternatives requrie more complicated mitigaotin than others. For that reason some Alternatives are prefered
19	Concluding Remarks	It would assist the ministry's review if the proponent would send a comment/response table for the comments made by the ministry as soon as feasible. The ministry also would request a record of all comments received by Indigenous communities appended in the final EA, as well as the proponent's response to these comments.			Noted. Comment-response table provided.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix F
Consultation with Municipal Authorities

ST. MARYS

Council / Engineer ☐ CAO/Clerk ☐ Treasurer ☐ Dir. of Pub. Works ☐ C.B.O. ☐ Other _____	File: _____ Date Received: APR - 1 2015

March 24, 2015

Ken Bettles
Director of Public Works
Township of Perth South
3191 Road 122
St. Pauls ON N0K 1V0

Subject: Town of St. Marys Solid Waste Disposal Needs Environmental Assessment Export Alternatives Assessment

The Town of St. Marys is undertaking an Environmental Assessment (EA) for solid waste disposal. The EA Terms of Reference (TOR) has recently been approved by the Minister of Environment and Climate Change. The TOR's problem statement reads:

> *The Town of St. Marys must identify a solution that addresses the Town's post-diversion municipal solid waste disposal needs over a 40 year planning period in a technically and economically feasible manner while minimizing impacts to the environment.*

The TOR requires St. Marys to review the possibility of using approved waste disposal capacity owned by others, including municipalities such as your own. To this end, St. Marys would appreciate if you could complete the brief survey form attached to this letter. A written response is requested to facilitate our EA documentation.

As background, during 2014 the St. Marys Landfill accepted a total of 7,325 tonnes of waste; 1,978 tonnes from residents and 5,347 tonnes from industrial, commercial and institutional sources. It is expected that disposal requirements will grow approximately 1% annually. St. Marys is looking for disposal of this entire waste stream for a 40 year period, though shorter periods will be considered. Any disposal arrangement would be subject to further discussion, negotiation, environmental approvals, and so on. With this survey St. Marys is merely looking to see if your municipality is interested in such further efforts. It in no way commits you to accepting our waste.

Should you have any questions please feel free to contact either one of the study team representatives indicated on the form.

Respectfully,

Bruce Grant, CAO
Town of St. Marys

032339 Mun-Disposal Survey
18/03/2015 5:33 PM

Re: please keep us on the mailing list request attached

Jamie Hollingsworth to: Ken Bettles 02/11/2015 04:14 PM
Cc: Ashley Gallaugher, "Dave Blake"

Ken;

Your attachment/response form is received. We will update your contact information and keep you on the St. Marys Waste EA mailing list.

Have a great day,
Jamie

Ken Bettles	Ken Bettles, C.E.T., CRS. Director of Public Works	02/11/2015 04:07:11 PM

From: Ken Bettles <KBettles@perthsouth.ca>
To: "St.Marys.Waste.EA@rjburnside.com" <St.Marys.Waste.EA@rjburnside.com>,
Date: 02/11/2015 04:07 PM
Subject: please keep us on the mailing list request attached

Ken Bettles, C.E.T., CRS.
Director of Public Works
Township of Perth South, 3191 Road 122 St. Pauls, ON N0K 1V0
Tel: 519-271-0619, ext. 230, Fax 519-271-0647, Toll Free: 1-866-771-0619
kbettles@perthsouth.ca
www.perthsouth.ca

-----Original Message-----
From: township@perthsouth.ca [mailto:township@perthsouth.ca]
Sent: Wednesday, February 11, 2015 4:32 PM
To: Ken Bettles
Subject: Scanned from a Xerox multifunction device

Please open the attached document. It was scanned and sent to you using a Xerox multifunction device.

Attachment File Type: pdf, Multi-Page

multifunction device Location: machine location not set
Device Name: xerox7545

For more information on Xerox products and solutions, please visit http://www.xerox.com

Scanned from a Xerox multifunction device.pdf

ONTARIO CANADA
ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)
Name: ~~Ms Lizet Scott~~ Ken Bettles
Title: ~~Clerk~~ Director of Public Works
Organization or Agency: Township of Perth South
Address 1: 3191 Road 122
Address 2:
City, Prov. & Postal Code: St. Pauls ON N0K 1V0
Phone: 519 271 0619 ext 230
Fax: 519 271 0647
E-Mail: kbettles@perthsouth.ca ☒ Prefer email communication

Area of interest or concern/preliminary comments:

Please check below if applicable:

☒ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

CONESTOGA-ROVERS
& ASSOCIATES

651 Colby Drive, Waterloo, Ontario, Canada N2V 1C2
Telephone: 519-884-0510 Facsimile: 519-884-0525
www.CRAworld.com

April 4, 2008

Reference No. 000645-13

Director, Ontario Ministry of Environment
Environment Assessment & Approval Branch
2 St. Clair Avenue West, Floor 12A
Toronto, ON M4V 1L5

Re: Application for Amendment to Certificate of Approval No. A150203
Town of St.Marys, St.Marys Landfill Site
St.Marys, Ontario

Conestoga-Rovers & Associates (CRA) has prepared the following Application for an Amendment to the current Certificate of Approval No. A150203 (C of A Amendment Application) on behalf of the Town of St.Marys. The enclosed Application and supporting documentation refers to the St.Marys Landfill Site (Site), located in St.Marys, Ontario.

A copy of the Application and supporting documentation has also been sent to the Ministry of Environment (MOE), London District Office. The application is provided in Attachment A.

The requested C of A Amendment Application is to address several revisions to the Site which includes an update to the proposed base and final contours for Phase II/III, eliminate the bi-annual benthic survey monitoring event, and allow additional waste separation/transfer for the diversion of electronic waste and cardboard from the landfill and a drop-off area for household hazardous waste. Each of these items are discussed in the subsequent sections and where required attached information.

Proposed Base and Final Contours

Comparison of the annually surveyed waste contours and the final contours proposed in the 1992 Design and Operation Report for the Site, indicate that overfilling had occurred and waste contours are above the approved final contours in the eastern portion of Phase II/III. During 2005 the overfilled area of Phase II/III was graded and capped with final cover, topsoil and seed. As a result, the final contours and base contours design proposed in the 1992 Design and Operation Report, Phase II/III were revised to incorporate the actual final contours of the capped east portion of Phase II/III and comply with the approved volume (refuse and daily cover) of 276,500 m^3. The proposed final contours shown on Plan 1 and base contours shown on Plan 2 have been developed using an iterative process to comply with the approved Site volume and with the landfill design criteria. The proposed base contours include the existing constructed base contours for Stages 1 to 5 were designed to provide positive leachate drainage to the leachate collection system and minimize leachate mounding and reduce the leachate head on the landfill base. In order to incorporate the revised final cover grades in the east portion of Phase II/III, the waste disposal footprint was decreased by offsetting the west boundary of Phase II/III by 10 m. The grades of the active landfill

area will be reviewed annually to ensure that the proposed final contours are achieved and grade stakes will be installed as required.

The revisions means that the maximum height of the landfill in the eastern section of Phase II/III increases by 2 metres and the western waste footprint is decreased by 10 metres. The reduced footprint provides a benefit in that the distance between the waste and the nearest residences is increased by 10 metres and that additional buffer area is created. The maximum height of the landfill is now just below the top of the screening berm located on the western property boundary.

Bi-Annual Benthic Survey

Benthic surveys have previously been completed at the Site in 1993, 1994, 1995, 1996, 1998, 2000, 2002, 2004 and 2006. During these surveys, qualitative and quantitative benthic samples were collected at both upstream (SP1-93) and downstream (SP3-93) locations in the man-made creek/drain. The benthic surveys have concluded that locations SP1-93 and SP3-93 have similar habitat features and the benthic communities reflect degraded water quality of the creek/drain at both upstream and downstream locations. The benthic surveys have confirmed that the landfill operation at the Site has no apparent effect on the creek/drain and that the poor water quality is attribute to ongoing activities occurring higher in the watershed and as a result of the native soils.

The benthic surveys were discussed with the MOE Southwestern Regional Staff. Based on the long history of results, it is a common opinion that the benthic surveys are not required. It is recommended to suspend the bi-annual benthic survey from the required monitoring at the Site.

As concluded by the benthic survey reports since 1993, locations SP1-93 and SP3-93 reported similar habitat features. The benthic communities reflected degraded water quality of the creek/drain at both upstream and downstream locations. The benthic communities in the creek/drain were dominated by oligochaete worms which suggests impaired water quality. The surveys have confirmed that the landfill operation at Site has no apparent effects on the benthic communities in the creek/drain. It has been noted that the poor water quality in the creek/drain could be attributed to ongoing activities occurring higher in the watershed including industrial and agricultural pesticides and low water levels. The stream normally drys up during extended dry periods and has a clay base. The next benthic survey is scheduled to be completed in 2008.

Waste Transfer Station

As part of the Town of St. Marys waste reduction program, an area of the Site has been set aside to collect wastes that can be recycled. This effort is in addition to the blue box program that occurs as part of the normal Town of St. Marys refuse collection programs. The proposed waste transfer station will collect less than 100 tonnes per day of electronic waste, cardboard, and less than 100 tonnes per day of household hazardous waste within the public waste drop-off area as shown on Figure 1. In the past electronic waste and cardboard that was dropped-off at the landfill was

treated as refuse and disposed directly into the landfill. This waste separation will benefit the Site by increasing the overall site life of the landfill and allow this material to be recycled.

a) Electronic Waste

Electronic waste will be separated and stored in a weather resistant, lockable, 20-foot standard storage container on-Site in the public waste drop-off area. Wozco Metals located at 1851 Pension Lane in London, Ontario will collect the electronic waste, once a truckload amount has accumulated within the container. Wozco Metals specializes in electronic waste recycling, handles electronics scrap, computers, and other related materials. Wozco Metals guarantees the material collected will be disposed of in a manner abiding by all environmental laws and at no time would any of the material be exported to China or any third world country with lower environmental securities.

The list of materials accepted for electronic waste diversion includes:

- Monitors
- Laptops
- Printers
- Keyboards
- VCR/DVD Players
- Palm Pilots/or like
- UPS/Battery Backup
- CD/DVD disks
- Dental Scrap
- Photocopiers
- Microwaves
- Televisions
- Servers
- Scanners
- Terminals
- Stereos
- Telecom Equipment
- Typewriters
- Storage Tapes
- Plasma Screens
- Cellular Phones
- Cash Registers
- Desktop or Tower Computers
- Macintosh Computers with Screens
- Docking Stations
- Mainframes
- Military Electronics
- Ink/Toner Cartridges
- Fax Machines
- Hard Drives
- A/V Equipment/Telephone Systems

b) Cardboard

Cardboard waste will be separated and stored in a weather resistant, lockable, 20-foot standard storage container on-Site in the public waste drop-off area. The cardboard waste will be collected weekly through the Town of St.Marys recycle program.

c) Household Hazardous Waste

Household hazardous waste will be stored in a weather resistant, lockable, 20-foot standard storage container on-Site in the public waste drop-off area. The household hazardous waste will be separated into the appropriate disposal container by a trained landfill employee. The waste will than be collected monthly and disposed of by Clean Harbors.

Attachment B provides an update to the 1992 Design and Operation Report, Phase II/III for the recycling components.

The Application for a Provisional Certificate of Approval for a Waste Disposal Site and supporting documentation (Attachment A) is submitted for approval. Credit card information and authorization is included on the application for the sum of $2,300.00.

Should you have any questions or require further information, please do not hesitate to contact us.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

James Yardley, P.Eng.

MH/lw/1
Encl.

Distr.: Bob Slivar, MOE London (with encl.)
Kevin Luckhardt, Town of St.Marys (with encl.)
Ron Schwark, CRA

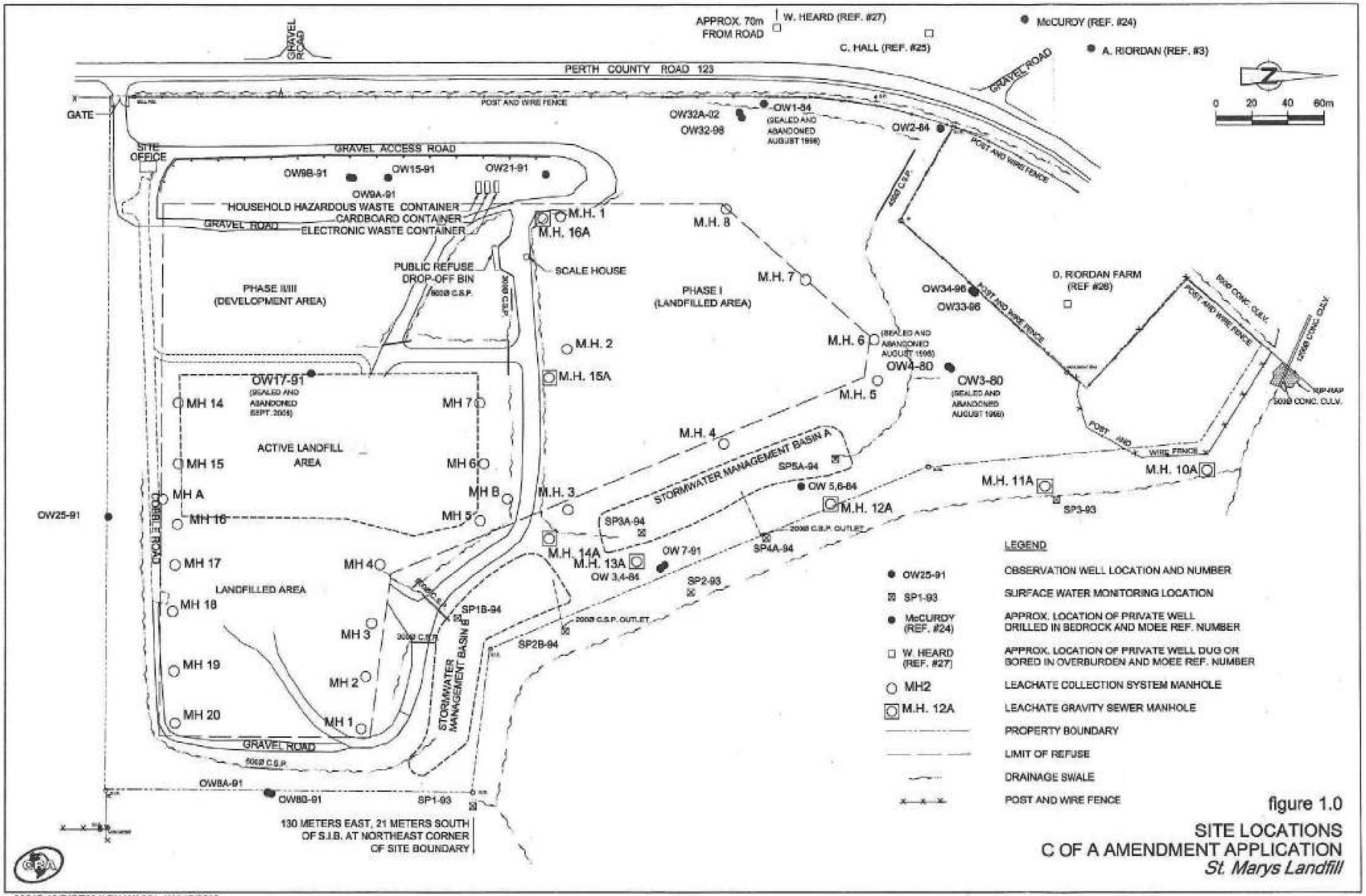


figure 1.0

SITE LOCATIONS
C OF A AMENDMENT APPLICATION
St. Marys Landfill

00645-13(DIRE001)GN-WA001 JAN 15/2008

PERTH COUNTY ROAD 123

PHASE I
(LANDFILLED AREA)

PHASE II/III

COVERED & SEEDED
LANDFILL AREA

LEGEND

BOREHOLE LOCATION AND NUMBER

GROUNDWATER WELL LOCATION AND NUMBER

STANDARD IRON BAR

CORRUGATED STEEL PIPE CULVERT

UTILITY POLE

GAS VALVE

SURFACE WATER SAMPLING LOCATION

TREE AND DIA. IN MILLIMETRES

MANHOLE

EXISTING CONTOUR (0.5M)

PROPERTY BOUNDARY

LIMIT OF REFUSE (ADJUSTED ALONG SOUTH AND EAST)

DRAINAGE SWALE

BERM

POST AND WIRE FENCE

PHASE II/LEACHATE COLLECTION SYSTEM AND FLOW DIRECTION (PERFORATED PIPE AND CLEAN STONE)

PHASE I LEACHATE COLLECTION SYSTEM AND FLOW DIRECTION

LEACHATE GRAVITY SEWER SYSTEM AND FLOW DIRECTION

GROUNDWATER COLLECTION SYSTEM AND FLOW DIRECTION

EROSION PROTECTION

APPROXIMATE AREA COMPLETED WITH FINAL COVER

BENCHMARK

CONCRETE MONUMENT 75-2

NOTE:

THE EXISTING CONTOURS HAVE BEEN DEVELOPED FROM TOTAL STATION SURVEYS UNDERTAKEN BY CONESTOGA-ROVERS & ASSOCIATES (CRA). THE MOST RECENT SURVEY WAS COMPLETED NOVEMBER 4, 2006.

SCALE VERIFICATION: THIS BAR MEASURES 50mm ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

ST. MARY'S LANDFILL
TOWN OF ST. MARY'S

C OF A AMENDMENT APPLICATION

FINAL CONTOURS

CONESTOGA-ROVERS & ASSOCIATES

Source Reference			Date
CRA SOURCE DRAWING "DRAWING CONTOUR MAP.DWG" (1:500 AS SURVEYED NOV 4, 2006)			JANUARY 2008
Project Manager: JTV	Reviewed By: MKH	Designed By: DAR	Drawn By: [illegible]
Scale: 1:500	Project No: C0645-13	Report No: DIRE001	Drawing No: PLAN 1

PERTH COUNTY ROAD 123

PHASE II/III

PHASE I
(LANDFILLED AREA)

LEGEND

BOREHOLE LOCATION AND NUMBER
OBSERVATION WELL LOCATION AND NUMBER
ESTIMATED IRON BAR
CORRUGATED STEEL PIPE CULVERT
UTILITY POLE
GAS VALVE
SURFACE WATER SAMPLING LOCATION
TREE AND DIA. IN MILLIMETRES
MANHOLE
EXISTING CONTOUR (m AGML)
PROPERTY BOUNDARY
LIMIT OF REFUSE (AGLISTER ALONG SOUTH AND EAST)
DRAINAGE SWALE
SCRUB
POST AND WIRE FENCE
PHASE I/II LEACHATE COLLECTION SYSTEM AND FLOW DIRECTION (PERFORATED PIPE AND CLOUD STONE)
PHASE I LEACHATE COLLECTION SYSTEM AND FLOW DIRECTION
LEACHATE GRAVITY SEWER SYSTEM AND FLOW DIRECTION
GROUNDWATER COLLECTION SYSTEM AND FLOW DIRECTION
EROSION PROTECTION

BENCHMARK
CONCRETE MONUMENT TBS
N [illegible] E [illegible] ELEV. [illegible]

NOTE:
THE EXISTING CONTOURS HAVE BEEN DEVELOPED FROM TOTAL STATION SURVEYS UNDERTAKEN BY CONESTOGA-ROVERS & ASSOCIATES (CRA). THE MOST RECENT SURVEY WAS COMPLETED NOVEMBER 5, 2008.

SCALE VERIFICATION: THIS BAR MEASURES 50mm ON ORIGINAL. ADJUST SCALE ACCORDINGLY

No	Revision	Date	Initial
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

Approved

ST. MARY'S LANDFILL
TOWN OF ST. MARY'S

C OF A AMENDMENT APPLICATION

BASE CONTOURS

CONESTOGA-ROVERS & ASSOCIATES

Source Reference: CRA SOURCE DRAWING 10MASSOUR00806-01.DWG AS SURVEYED NOV 5, 2008			Date: JANUARY 2009
Project Manager: [illegible]	Reviewed By: [illegible]	Designed By: [illegible]	Drawn By: [illegible]
Scale: 1:1000	Project No: 00845-13	Report No: DIRECO1	Drawing No: PLAN 2

00845-13(DIRECO1)-PLAN02.DWG 15/10/09

ATTACHMENT A

APPLICATION FOR A PROVISIONAL
CERTIFICATE OF APPROVAL FOR A WASTE DISPOSAL SITE

Rec'd. CRA

APR 0 7 2008

Ontario

Ministry of the Environment

Application for a Provisional Certificate of Approval for a Waste Disposal Site

Ce formulaire est disponible en français

For Office Use Only			
Reference Number	Payment $	Date (y/m/d)	Initials

General Information and Instructions

General:

Information requested in this form is collected under the authority of the *Environmental Protection Act*, R.S.O. 1990 (EPA) and the *Environmental Bill of Rights*, C. 28, Statutes of Ontario, 1993, (EBR) and will be used to evaluate applications for approval of waste disposal sites under Section 27, EPA.

Instructions:

1. **Applicants are responsible for ensuring that they complete the most recent application form.** When completing this form, please refer to the following guidance material: the "Guide for Applying for Certificate of Approval of Waste Disposal Sites, Section 27, 30, 31 and 32, EPA," (referred to as the Guide) and "Guide - Application Cost for Waste Management, S. 27, EPA.". Application forms and supporting documentation are available from the Environmental Assessment and Approvals Branch toll free at 1-800-461-6290 (locally at 416-314-8001), from your local District Office of the Ministry of the Environment, and in the "Publications" section of the Ministry of the Environment website at http://www.ene.gov.on.ca/envision/gp/index.html#disposal

2. Questions regarding completion and submission of this application should be directed to the Environmental Assessment and Approvals Branch, 2 St. Clair Avenue West, Floor 12A, Toronto, Ontario, M4V 1L5, telephone number 1-800-461-6290 or (416) 314-8001, or to your local District Office of the Ministry of the Environment.

3. A complete application consists of:
   1) a completed and signed application form;
   2) all required supporting information identified in this form, the guidance material, and
   3) a certified cheque, money order or credit card payment, in Canadian funds, made payable to the *Ontario Minister of Finance* for the applicable application fee.

   This form must be completed with respect to all requirements identified in the guidance material in order for it to be considered an application for approval. **INCOMPLETE APPLICATIONS WILL BE RETURNED TO THE APPLICANT.** The Ministry may require additional information during the technical review of any application accepted as complete.

4. The original application, along with the supporting information and the application fee, must be sent to:
   The Ministry of the Environment,
   Director, Environmental Assessment and Approvals Branch,
   2 St. Clair Avenue West, Floor 12A, Toronto, Ontario, M4V 1L5
   A copy of the application and the supporting information must be sent to the local Ministry District Office which has jurisdiction over the area where the facilities are located.

5. Information contained in this application is not considered confidential and will be made available to the public upon request. Information submitted as supporting information may be claimed as confidential but will be subject to the *Freedom of Information and Protection of Privacy Act* (FOIPPA) and *EBR*. If you do not claim confidentiality at the time of submitting the information, the Ministry may make the information available to the public without further notice to you.

6. If the applicant submits with the application a copy of their Master Business Licence (MBL) obtained from the Ministry of Government Services, the shaded sections within this form do not need to be completed (provided the information required appears on the face of the MBL). For additional information on the MBL please refer to the guidance material.

1. Applicant Information *(Owner of works/facility)*

Applicant Name *(legal name of individual or organization as evidenced by legal documents)*: Town of St. Marys

Business Identification Number:

Business Name *(the name under which the entity is operating or trading if different from the Applicant Name - also referred to as trade name)*: St. Marys Landfill Site

Applicant Type:

- ☐ Corporation
- ☐ Individual
- ☐ Partnership
- ☐ Sole Proprietor
- ☐ Federal Government
- ☒ Municipal Government
- ☐ Provincial Government
- ☐ Other (describe):

Activity Classification Code/Standard Industrial Classification Code *(if unknown please complete Business Activity Description)*:

Business Activity Description *(a narrative description of the business endeavour; this may include products sold, services provided or machinery/equipment used, etc.)*:

2. Applicant Physical Address - *Complete A, C and D or B, C and D*

A. Civic Address - Street Information *(applies to an address that has civic numbering and street information indicates street number, name, type and direction)*: 175 Queen Street East, P.O. Box 98

Unit Identifier *(identifies type of unit, such as suite & number)*:

B. Survey Address *(used for a rural location specified for a subdivided township, an unsubdivided township or unsurveyed territory)*

Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number.
Lot: Conc.:

Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan.
Part: Reference Plan:

C. Municipality/Unorganized Township	County/District	Province/State	Country	Postal Code
Town of St. Marys		Ontario	Canada	N4X 1B6

D. Telephone Number *(including area code & extension)*	Fax Number *(including area code)*	E-mail Address
(519) 284-2340 ext 203	(519) 284-2881	kluckhardt@stmarystownhall.com

3. Applicant Mailing Address - *Complete A and C or B and C*

A. Civic Address - Street Information *(includes street number, name, type and direction)* ☒ Same as Applicant Physical Address | Unit Identifier *(identifies type of unit, such as suite & number)*

B. Delivery Designator: ☐ Rural Route ☐ Suburban Service ☐ Mobile Route ☐ General Delivery | Delivery Identifier *(a number identifying a Rural Route, Suburban Service or Mobile Route delivery mode)*

C. Municipality | Postal Station | Province/State | Country | Postal Code

4. Site Information - *(location where activity/works applied for is to take place - not applicable to mobile facilities)* | Mobile Facility: ☐ Yes ☒ No

Site Name	MOE District Office	Legal Description(attach copy of a legal survey)
St. Marys Landfill Site	London	

Site Address - Street Information *(applies to an address that has civic numbering and street information – include street number, name, type and direction)* ☐ Same as Applicant Physical Address | Unit Identifier *(identifies type of unit, such as suite & number)*

Survey Address *(used for a rural location specified for a subdivided township, an unsubdivided township or unsurveyed territory)*

Lot and Conc.: used to indicate location within a subdivided township and consists of a lot number and a concession number

Lot	Conc.
36	Thames

Part and Reference: used to indicate location within an unsubdivided township or unsurveyed territory, and consists of a part and a reference plan number indicating the location within that plan. Attach copy of the plan

Part	Reference Plan

Non Address Information *(includes any additional information to clarify applicants' physical location)*

Geo Reference

Map Datum	Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing

Municipality/Unorganized Township	County/District	Postal Code

Adjacent Land Use

☒ Industrial ☐ Commercial ☐ Residential

☐ Agricultural ☐ Recreational ☐ Other(specify):

Is the Site located in an area of development control as defined by the Niagara Escarpment Planning & Development Act (NEPDA)?

☐ Yes **(If yes, attach copy of NEPDA permit for proposed activity/work)**

☒ No

Is the Site located on the Oak Ridges Moraine Conservation Area as defined by the Oak Ridges Moraine Conservation Plan (ORMCP), a regulation made under the Oak Ridges Moraine Conservation Act (ORMCA)?

☐ Yes **(If yes, please attach proof of Municipal planning approval for the proposed activity/work)**

☒ No

Is the Applicant the operating authority? ☒ Yes ☐ No
If No, attach the operating authority name, address and phone number

Is the Applicant the owner of the land (site)? ☐ Yes ☒ No
If No, attach the owner's name, address and consent for the installation and operation of the facilities

5. Project Technical Information Contact - *Complete A, B, D and E or A, C, D, and E*

A. Name: Jim Yardley | Company: Conestoga-Rovers and Associates ☐ Same as Applicant Name

B. Civic Address - Street Information *(includes street number, name, type and direction)* ☐ Same as Applicant Physical Address | Unit Identifier *(identifies type of unit, such as suite & number)*

651 Colby Drive

C. Delivery Designator: ☐ Rural Route ☐ Suburban Service ☐ Mobile Route ☐ General Delivery | Delivery Identifier *(a number identifying a Rural Route, Suburban Service or Mobile Route delivery mode)*

D. Municipality	Postal Station	Province/State	Country	Postal Code
Waterloo		Ontario	Canada	N2V 1C2

E. Telephone Number *(including area code & extension)*	Fax Number *(including area code)*	E-mail Address
(519) 884-0519 ext 2269	(519) 884-0525	jyardley@craworld.com

6. Project Information

Type of Application:	Current Certificate of Approval Number	Date of Issue (y/m/d)
☐ New Certificate of Approval ☒ Amendment to current Certificate of Approval	A150203	August 4, 1983

Project Description Summary *(If EBR is applicable, this summary will be used in the EBR posting notice)*

To amend the existing CofA to include a waste transfer station for electronic and household hazardous waste and cardboard, stored in weather resistant, 20-foot std. storage containers until collected by approved recycling or disposal companies.

Project Name *(Project identifier to be used as a reference in correspondence)*

Amended C of A for the St. Marys Landfill Site

Project Schedule

Estimated date for start of construction/installation (yyyy/mm/dd)	Estimated date for start of operation (yyyy/mm/dd)
N/A	Spring 2008

7. Facility Description *(information on the nature of business or activity at this site)*

Present Land Use	Present Official Plan Designation	Present Zoning Category
Disposal	Industrial	M3

Maximum daily amounts of waste which may be received at the site *(attach a description of each, including their source)*

Waste Type	Tonnes	Cubic Metres	Litres
Liquid Industrial	No change from existing		
Non-hazardous Solid Domestic, Commercial, Institutional or Industrial	No change from existing		
Hazardous	No change from existing		
Other	No change from existing		

Waste Class Names	Waste Class Codes

Days and Hours of Operation	Population Served
Tuesday to Friday: 8:00 am to 4:30 pm; Saturday: 8:00 am to 2:00 pm	6300

Names of all municipalities to be served by this site	Total Area of Site (hectares)
Town of St. Marys	16

Type of Facility/Operation *(complete all appropriate sections)*:

☒ Landfill ☐ Transfer ☐ Processing ☐ Incinerator ☐ Other *(describe)*:

Landfill Site Information

Area to be Land filled *(hectares)*	Maximum estimated site land filling capacity *(cubic metres)*	Estimated Date of Closure (y/m/d)
8	380,500	2017/12/31

Control Types	Monitoring
Leachate collection, surface water management	Leachate, surface and groundwater

Transfer and/or Processing Site Information

Maximum Storage Capacity	tonnes	litres	cubic metres
3 - 20 foot std. containers			33.2 (each)

Maximum Residual Waste for Final Disposal	tonnes/day	litres/day	cubic metres/day

List all disposal sites and site certificate numbers for final disposal

Wozco Metals (electronic waste); Bluewater recycling (cardboard); Clean Harbours (household hazardous waste)

Incinerator Site Information

Maximum Storage Capacity	tonnes	litres	cubic metres

Maximum Feed Rate		List all disposal sites and site certificate numbers for final disposal of residue
tonnes/day	cubic metres/day	

8. Other Approvals / Permits

List all other environmental approvals/permits applied for related to this project or received in relation to this project under the *Environmental Protection Act* (discharges to air, waste management, etc.) and the *Ontario Water Resources Act* (water and sewage works).

9. Public Consultation/Notification

Specify all public consultation/notification *(such as public hearings, notification of First Nations, etc.)* related to the project that has been completed or is in the process of being completed.

10. Environmental Bill of Rights Requirements

Is this a proposal for a Prescribed Instrument under EBR?	If "Yes," is it excepted from public participation?	If it is excepted from public participation provide reason:	
☐ Yes ☒ No	☐ Yes ☐ No	☐ Equivalent Public Participation	☐ Environmentally Insignificant Amendment or Revocation
		☐ Emergency	☐ EAA or Tribunal Decision

11. Environmental Assessment Act (EAA) Requirements

☒ The works are not subject to EAA for the reason specified below:
The works are part of an amendment to the existing EPA approval

☐ The works are proceeding in accordance with the Environmental Assessment Process Approval Notice specified below:

12. Supporting Information Checklist - *This is a list of all supporting information to this application and is subject to the FOIPPA and EBR.*

Supporting Information	Attached	Reference	Can be disclosed
General			
Proof of Legal Name of Applicant	☐ Yes ☒ No		☒ Yes ☐ No
Copy of NEPDA Permit	☐ Yes ☒ No		☒ Yes ☐ No
Copy of Municipal Planning Approval (ORMCA)	☐ Yes ☒ No		☒ Yes ☐ No
Name, Address and Phone Number of the Operating Authority	☐ Yes ☒ No		☒ Yes ☐ No
Name, Address and consent of land/site owner for the installation/construction and operation of the works/facility	☐ Yes ☒ No		☒ Yes ☐ No
Verification of EBR Public Participation Exception	☐ Yes ☒ No		☒ Yes ☐ No
Proof of Public Consultation/Notification	☐ Yes ☒ No		☒ Yes ☐ No
Technical			
Site Plan/Location Map	☐ Yes ☒ No		☒ Yes ☐ No
Hydrogeologial Assessment Report	☐ Yes ☒ No		☒ Yes ☐ No
Design and Operations Report	☒ Yes ☐ No	revised S-2.1.3 Waste Diversion Program	☒ Yes ☐ No
Drainage Study	☐ Yes ☒ No		☒ Yes ☐ No
Financial Assurance	☐ Yes ☒ No		☒ Yes ☐ No
Other Attached Information	☐ Yes ☒ No		☒ Yes ☐ No

13. Payment Information

Amount Enclosed: $ 2300 *Please attach completed "Costs for EPA s.27 Applications – Supplement to Application for Approval" (PIBS 4186).*

Method of Payment
☐ Certified Cheque ☐ Money Order ☒ VISA ☐ MasterCard ☐ American Express

Credit Card Information *(if paying by VISA, MasterCard or American Express)**

Name on Card *(please print)*	Credit Card Number	Expiry Date (mm/yy)
KEVIN LUCKHAROT	[redacted]	

Cardholder Signature	Date (y/m/d)*
	MAR 31/08

**NOTE: credit card accepted for payments UNDER $10,000.00 only.*

14. Statement of Applicant

I, the undersigned hereby declare that, to the best of my knowledge, the information contained herein and the information submitted in support of this application is complete and accurate in every way and that the Project Technical Informator Contact identified in section 5 of this form is authorized to act on my behalf for the purpose of obtaining approval under Section 27 of the EPA for the waste disposal site identified herein.

Name *(please print)*	Title
KEVIN LUCKHAROT	DIRECTOR OF PUBLIC WORKS

Signature	Date (y/m/d)
	MAR 31/08

Ministry of the Environment | Ministère de l'Environnement

Ontario

Ce formulaire est disponible en français

COSTS FOR EPA s.27 APPLICATIONS
SUPPLEMENT TO APPLICATION FOR APPROVAL

*This form is to be completed for all applications under the **Environmental Protection Act, s.27**. Please submit this form with your completed application form. For instructions/assistance completing this form, please refer to publication number 4187 titled: "Guide: Application Costs for Waste Management, s.27 Environmental Protection Act". This form and associated publications are available on the Ministry of the Environment web site at www.ene.gov.on.ca or by contacting the Environmental Assessment and Approvals Branch at 1-800-461-6290.*

Company Name:	Application/Certificate of Approval Number (If known)
Town of St. Marys	A150203

Application Cost: ***Indicate the applicable aspect of the application and complete the corresponding section of this form.***

Section 4

- ☐ Administrative amendment of an existing approval (Section 1)
- ☐ Fee exempted amendment or revocation of an existing approval (Section 2)
- ☐ Preliminary Review (Section 3)
- ☒ Approval, amendment or revocation requiring technical review (Section 4)

Total Cost

$ 2300

Print Form

SECTION 1: ***Administrative Amendment of an Existing Approval***

Description	Cost	(✓)
Administrative amendment (no technical review involved)	$ 100	☐
TOTAL COST:	$	

SECTION 2: ***Fee Exempted Amendment or Revocation of an Existing Approval***

Description	Cost	(✓)
Administrative revocation (no technical review involved)	$ 0	☐
Any revocation requested as a result of requirements imposed by conditions of an existing approval	$ 0	☐
Any amendment requested as a result of requirements imposed by conditions of an existing approval	$ 0	☐
TOTAL COST:	$	

SECTION 3:
Preliminary Review

Description	Cost	(✓)
Preliminary reviews for approvals (new site or system) or amendments to existing approvals. Complete Section 4, excluding the administrative processing cost, and the cost is 25% of the total.	$	☐
Preliminary reviews for revocations of existing approval. Complete Section 4, excluding the administrative processing cost, and the cost is 25% of the total.	$	☐
Preliminary reviews as a result of action that the applicant has been required to take by the Director pursuant to a condition contained in a certificate.	$ 0	☐
TOTAL COST:	$	

SECTION 4:
Approval, Amendment or Revocation Requiring Technical Review (please complete corresponding table)

Table 2

☐ Waste Processing (Table 1)	☐ Incineration (Table 3)	☐ Waste Systems (Table 5)
☒ Waste Transfer (Table 2)	☐ Landfill/Waste Sites (Table 4)	☐ PCB Waste Sites and Systems (Table 6)

TABLE 1: ***Waste Processing***

Description	Application Type	New System Design Capacity or Capacity Increase	Requires Design Review	Cost	(✓)
Administrative processing	All	N/A	N/A	$ 200	☐
Hazardous waste or liquid industrial waste	Approval or Revocation	≤ 100 tonnes per day	N/A	$ 1,500	☐
		> 100 tonnes per day	N/A	$ 6,000	☐
	Amendment	≤ 100 tonnes per day	Yes	$ 1,150	☐
		> 100 tonnes per day	Yes	$ 4,500	☐
		N/A	No	$ 100	☐
Waste other than hazardous waste and liquid industrial waste	Approval or Revocation	≤ 100 tonnes per day	N/A	$ 1,200	☐
		> 100 tonnes per day	N/A	$ 4,800	☐
	Amendment	≤ 100 tonnes per day	Yes	$ 900	☐
		> 100 tonnes per day	Yes	$ 3,600	☐
		N/A	No	$ 100	☐
Hearing (if mandatory or necessary)	All	N/A	N/A	$ 18,000	☐
			TOTAL COST:	$	

Back to Application Cost Section

TABLE 2: ***Waste Transfer***

Description	Application Type	New System Design Capacity or Capacity Increase	Requires Design Review	Cost	(✓)
Administrative processing	All	N/A	N/A	$ 200	☒
Hazardous waste or liquid industrial waste	Approval or Revocation	≤ 100 tonnes per day	N/A	$ 1,200	☒
		> 100 tonnes per day	N/A	$ 4,800	☐
	Amendment	≤ 100 tonnes per day	Yes	$ 900	☐
		> 100 tonnes per day	Yes	$ 3,600	☐
		N/A	No	$ 100	☐
Waste other than hazardous waste and liquid industrial waste	Approval or Revocation	≤ 100 tonnes per day	N/A	$ 900	☒
		> 100 tonnes per day	N/A	$ 3,600	☐
	Amendment	≤ 100 tonnes per day	Yes	$ 700	☐
		> 100 tonnes per day	Yes	$ 2,700	☐
		N/A	No	$ 100	☐
Hearing (if mandatory or necessary)	All	N/A	N/A	$ 18,000	☐
			TOTAL COST:	$ 2300	

Back to Application Cost Section

TABLE 3: ***Incineration***

Description	Application Type	New System Design Capacity or Capacity Increase	Requires Design Review	Cost	(✓)
Administrative processing	All	N/A	N/A	$ 200	☐
Hazardous waste or liquid industrial waste	Approval or Revocation	N/A	N/A	$ 42,000	☐
	Amendment	N/A	Yes	$ 21,000	☐
		N/A	No	$ 1200	☐
Waste other than hazardous waste and liquid industrial waste	Approval or Revocation	≤ 100 tonnes per day	N/A	$ 18,000	☐
		> 100 tonnes per day	N/A	$ 42,000	☐
	Amendment	≤ 100 tonnes per day	Yes	$ 9,000	☐
		> 100 tonnes per day	Yes	$ 18,000	☐
		N/A	No	$ 1,200	☐
Hearing (if mandatory or necessary)	All	N/A	N/A	$ 18,000	☐
			TOTAL COST:	$	

Back to Application Cost Section

TABLE 4: ***Landfill/Waste Sites***

Description	Application Type	New System Design Capacity or Capacity Increase	Requires Design Review*	Cost	(✓)
Administrative processing (applies to all except sites for hauled sewage and sites for biosolids)	All	N/A	N/A	$ 200	☐
Hazardous waste or liquid industrial waste	Approval or Revocation	N/A	N/A	$ 60,000	☐
	Amendment	N/A	Yes	$ 48,000	☐
		N/A	No	$ 1,200	☐
Waste other than hazardous waste and liquid industrial waste, other than sites referred to in item 15 Schedule 4, Reg 363.	Approval or Revocation	≤ 40,000 m³	N/A	$ 6,000	☐
		> 40,000 m³ ≤ 3 million m³	N/A	$ 30,000	☐
		> 3 million m³	N/A	$ 60,000	☐
	Amendment	≤ 40,000 m³	Yes	$ 4,500	☐
		> 40,000 m³ ≤ 3 million m³	Yes	$ 22,500	☐
		> 3 million m³	Yes	$ 45,000	☐
		N/A	No	$ 1,200	☐
Waste referred to in item 15 Schedule 4, Reg 363 (uncontaminated tree stumps, leaves, branches, concrete and rocks).	Approval or Revocation	≤ 40,000 m³	N/A	$ 1,500	☐
	Amendment	≤ 40,000 m³	Yes	$ 1,100	☐
		≤ 40,000 m³	No	$ 100	☐
Hearing (if mandatory or necessary)	All	N/A	N/A	$ 18,000	☐
			TOTAL COST:	$	

Back to Application Cost Section

**or hydrogeological assessment*

TABLE 5: ***Waste Systems***

Description	Application Type	Cost	(✓)
Administrative processing (applies to all except sites for hauled sewage and sites for biosolids)	All	$ 200	☐
Administrative Amendments related to a hauled sewage or biosolids waste management system	All	$ 50	☐
Hazardous waste and liquid industrial waste haulage systems.	Approval or Revocation	$ 400	☐
	Amendment	$ 400	☐
A site certificate for mobile facilities relating to hazardous waste or liquid industrial waste, other than mobile incineration facilities and mobile PCB sites.	Approval or Revocation	$ 800	☐
	Amendment	$ 400	☐
Hauled sewage and biosolids waste management systems and the initial sites.	Approval or Revocation	$ 600	☐
	Amendment	$ 300	☐
		Additional Site x $ 100	☐
Waste management systems, other than hazardous waste, liquid industrial waste, hauled sewage and biosolids waste management systems	Approval or Revocation	$ 300	☐
Mobile waste disposal sites for waste other than hazardous waste and liquid industrial waste, other than mobile incineration facilities.	Approval or Revocation	$ 800	☐
	Amendment	$ 400	☐
Hearing (if mandatory or necessary)	All	$ 18,000	☐
		TOTAL COST:	$

Back to Application Cost Section

TABLE 6: *PCB Waste Sites and Systems*

Description	Application Type	Requires Design Review	Cost	(✓)
Administrative processing	All	N/A	$ 200	☒
Class 1 mobile PCB destruction facility waste disposal sites.	Approval or Revocation	N/A	$ 12,000	☐
	Amendment	N/A	$ 12,000	☐
Class 1 mobile PCB destruction facility waste management systems.	Approval or Revocation	N/A	$ 12,000	☐
	Amendment	Yes	$ 9,000	☐
		No	$ 200	☐
Class 2 or 3 mobile PCB destruction facility waste disposal sites.	Approval or Revocation	N/A	$ 200	☐
	Amendment	N/A	$ 200	☐
Class 2 mobile PCB destruction facility waste management systems.	Approval or Revocation	N/A	$ 3,600	☐
	Amendment	Yes	$ 3,600	☐
		No	$ 100	☐
Hearing (if mandatory or necessary)	All	N/A	$ 18,000	☐
			TOTAL COST:	$

Back to Application Cost Section

ATTACHMENT B

REVISED SECTION 2.1.3
WASTE DIVERSION PROGRAMS

landfilled are shown in Table 2.2. When compared to other towns, the Town of St. Marys has a larger number of industries compared to its population base. As a result, the industrial/commercial waste contributes a higher percentage of refuse to the Town's landfill.

2.1.3 Waste Diversion Programs

With increased emphasis on waste management by the provincial government, and with waste reduction requirements of 25 percent by the year 1992 and 50 percent by the year 2000, the Town of St. Marys has become more aware of the amount of refuse it has been sending to the landfill. As such, the Town has established a Blue Box program to divert glass, metals, P.E.T. plastics and newsprint from the landfill. The purchase of the blue boxes and publicity was sponsored locally by the Rotary and Kinsmen clubs, and the collection of blue box items is provided by Bluewater Recycling Association. Blue box refuse is collected from both single and multi-family residential dwellings. As well, the Town has successfully implemented a blue box program for their high schools and the local Industrial/Commercial sectors. It is estimated that approximately 250 tonnes per year of recyclable material is diverted from landfill by this program. The Town also collects yard waste and leaves for composting from April to November.

In addition to collecting recyclables, the Town subsidized sales of 100 home composters to increase public awareness of waste reduction through the composting of organic wastes. This program was widely accepted

and approximately 30 to 40 percent of the residents in the Town have home composters.

In 2005, the Town introduced a waste diversion program to reduce the amount of waste landfilled and increase the site life of the landfill. As part of this program to reduce waste, the Town purchased several weather resistant, lockable containers for temporary storage of banned items. The storage containers are located within the public drop-off area for public waste separation. Recyclable materials including electronic waste (e-waste), cardboard, and household hazardous waste are stored in the containers prior to the scheduled pickup. The Town has teamed up with London Wozco Metals to pickup the e-waste collected once a truckload of material has accumulated in the storage container. Cardboard is collected weekly though the Town's recycle program with Bluewater Recycling Association. Household hazardous waste is transferred to Clean Harbors once every 90 days for disposal.

The amount of demolition and wood wastes being received is anticipated to decline as tipping fees are presently under review and are anticipated to increase. Tires are the only non-hazardous solid wastes that are banned from the landfill site at the present time, but the possibility of additional bans ~~such as old corrugated cardboard~~ may be established in the future.

In an effort to achieve 50 percent reduction by the year 2000, the Town may be required to implement a variety of programs which may include:

- increased public awareness of 3Rs through advertising, flyers, and educational programs; and
- introduce additional landfill bans.

2.2 POPULATION FORECASTS

The historical population for the Town of St. Marys was determined from tax role data and is summarized as follows:

Year	*Population*
1982	4,809
1985	5,009
1988	4,923
1991	5,483

The County of Perth Planning and Development Office provided CRA with population forecast information for the Town. The planning office estimates that the growth rate for the Town ranges between 0.2 to 0.4 percent. To be conservative for waste production, the 0.4 percent rate has been used to forecast the growth of St. Marys to the year 2010. The population forecast is as follows:

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix G
Consultation with the Conservation Authority

From: Jamie Hollingsworth

Sent: Wednesday, September 07, 2016 3:16 PM

To: Karen Winfield

Cc: Wesley (ENE) Wright; dblake@town.stmarys.on.ca; Porchae Baird

Subject: RE: (Draft) EA Study Reports - St. Marys Future Solid Waste Disposal Needs EA ##300032339.0000

Attachments: 160907 Winfield - UTRCA.pdf

Karen;

Please find attached a reply to your comments letter of August 15, 2015.

Take Care,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051

www.rjburnside.com

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

September 7, 2016

Via: Email

Karen M. Winfield
Land Use Regulations Officer
Upper Thames River Conservation Authority
1424 Clarke Road
London ON N5V 5B9

Dear Ms. Winfield:

Re: St. Marys Future Solid Waste Disposal Needs
UTRCA Comments on EA Study Reports
Project No.: 300032339.0000

On behalf of the Town of St. Marys, I am pleased to provide this letter of response to the Upper Thames River Conservation Authority (UTRCA). Please find below an item by item response, numbered in keeping with your letter of August 15, 2016.

General Comments

1) Your observation that *Alternative Method 3* is the preferred expansion plan for the St. Marys Landfill is correct. Implementation of *Method 3* is expected to require the relocation of the watercourse that (roughly) bisects the Site. The EA Study Team agrees that an UTRCA permit to relocate the watercourse will be required. Approval and permitting requirements are to be documented in the *Environmental Assessment Report*. A draft of this *EA Report* along with updated versions of the draft *Natural Heritage Assessment* and the draft *Hydrogeological Study* will be provided to all stakeholders, including the UTRCA, for review in the near future.

Natural Heritage Assessment (draft report, revised June 2016)

2) Figures 6-10 have been updated. We note that not all UTRCA requested features qualify as "Significant Wildlife Habitat" under the criteria provided in the Ecoregion Schedule for 6E. Specifically:

   - Candidate reptile hibernaculum areas: As stated in Section 5.5 of the Report, anthropogenic features that may be suitable for reptile hibernaculum include mammal burrows and crevices that may be present within the landfill. A portion of the landfill was a former clay pit. Large excavations that have disturbed underlying material may have created suitable crevices that snakes can reach below the frost line during the winter

months. Therefore, exact locations are not shown on the Figures, because the entire site may be candidate habitat.

- Candidate hibernation habitat for Midland Painted Turtle and Snapping Turtle (watercourse)
- Candidate basking habitat for Snapping Turtle (watercourse, stormwater basin, 2 wet depressions)
- Confirmed habitat for Monarch (all MEGM3 communities)
- Candidate nesting / foraging habitat for Eastern Meadowlark
- Confirmed foraging habitat for Eastern Meadowlark, Barn Swallow and Bank Swallow (all MEGM3 communities)
- Confirmed basking habitat for Midland Painted Turtle
- Confirmed amphibian breeding habitat referred to in Sections 7.2.2, 7.2.3 (do not qualify as SWH).

The following areas/locations were not mapped or updated:

- Candidate turtle nesting areas: As noted in Appendix A of the Report (SWH Screening Table), this feature was screened as "low potential" in the On-site Study Area. Even if this feature was identified, it would likely not qualify as "significant". Soil composition at the landfill is mostly compact and comprised of large rocks and gravel – not ideal conditions for turtle nesting. Suitable nesting habitat is likely found on adjacent lands in close proximity to the landfill (i.e., shoreline of Thames River). No evidence of nesting was observed during field investigations.
- Candidate amphibian breeding habitat (woodland and wetland): As noted in Appendix A of the Report (SWH Screening Table), this feature was screened out of the On-site Study Area. There are no woodland-wetland features present and the wetland areas where amphibians were recorded do not qualify as "significant."
- Locations of terrestrial crayfish referred to in bullet point 4 under section 7.2.2. Note that Figures 6 – 10 do not show the crayfish near the capped cement kiln dust (CKD) pile as was stated in the (June 2016) Report text. We have updated the Report to clarify that terrestrial crayfish are located northwest of the capped CKD pile.
- Large area of breeding bird habitat referred to in Sections 7.2.4 and 7.2.5: The Report has been updated to clarify that all of the *Alternative Methods* will remove confirmed breeding bird habitat (based on breeding bird surveys conducted in 2015). As this feature would include the majority of the On-site Study Area it has not been mapped. Instead it has been described in the Report.

3) The Report has been updated to include confirmed (foraging/nesting) and candidate (foraging/nesting) habitat for a threatened species that will be directly avoided by *Alternative Method 2* (Eastern Meadowlark). Direct removal of Monarch (Special Concern) will be directly impacted by *Method 2*.

4) No amphibian calls were observed from the watercourse and related wetland feature during the amphibian breeding call surveys conducted at survey stations in proximity to those features. Therefore, these areas were not considered potential amphibian breeding habitat and were not included as a survey station. The Report has been updated to clarify this item.

5) Given the nature of the site as an active landfill, any habitat creation/enhancement activities may not be permanent. Landfill activities that are not part of this EA, or subject to future EA requirements, may temporarily or permanently disturb portions of the landfill property that are not currently disturbed. For example, the preferred *Alternative Method 3* expansion may require that the leaf and yard waste composting area be relocated. There is also the concern that by creating or enhancing areas for wildlife, this will in turn attract more wildlife to the site that may be disturbed by the landfill operations and cause disturbance, injury or mortality.

   The following habitat creation/enhancement opportunities may occur with the preferred *Alternative Method 3*:

   - Should vegetation removals be required in confirmed habitat for Eastern Meadowlark, compensation habitat is required off-site under O.Reg.242/08 of the ESA 2007.
   - The existing watercourse would be relocated to the north of the On-site Study Area thereby continuing to provide suitable wildlife habitat for reptiles, breeding birds, etc.
   - For mitigation measures related to vegetation removal addressed in Appendix H, installation of woody plants adjacent to the realigned watercourse (*Alternative Methods 2* and *3*) is recommended to enhance watercourse shading, fish and wildlife habitat, as well as improve tree cover within the watershed.

6) Appendix H, under the Environmental Component "Wildlife and Wildlife Habitat (General)" has been revised to address the UTRCA comment

7) On September 6, 2016, Burnside's Chris Pfohl (Sr. Aquatic Ecologist) and Devin Soeting (Environmental Technologist) spoke with UTRCA's Tara Tchir (Ecologist) by telephone to discuss this UTRCA comment. The conversation noted that:

   - Water quality is monitored as required under the landfill's Environmental Compliance Approval (ECA) issued by the MOECC. This was considered as part of the Hydrogeology Study.
   - Benthic sampling was not an identified requirement of the Terms of Reference and was not planned as a part of this EA Report. However, based on site observations (watercourse function, fish presence, substrate type) and the preferred *Alternative Method 3* (substantial watercourse realignment), the potential information that would be collected through benthic sampling would be of low value for the EA Report.
   - The proposed new channel will be designed with natural channel characteristics and will be constructed away from the active fill area. Water quality will be used as a method to monitor watercourse conditions as part of a future ECA landfill monitoring program.

8) As stated in the Report, given the significantly perched culvert located at the downstream end of the landfill watercourse at Water Street South (i.e., draining into the Thames River), this culvert is considered a significant barrier for Spiny Softshell (a highly aquatic species) to access the watercourse present within the On-site Study Area. It should be noted that relocation of the watercourse for the preferred *Method 3* will require restoration of existing habitats in the new location. We are therefore not concerned that alteration of the watercourse will have any long-term impacts to this species.

Hydrogeology Study (draft report dated June 2016)

9) UTRCA indicates that there is additional information regarding the St Marys area available from the Drinking Water Source Protection Studies. A previous comment from UTRCA on the Draft Hydrogeological Work Plan (letter of August 29, 2015) also stated that source protection information could be provided by the UTRCA. As a result of this previous comment, Burnside contacted the UTRCA (email from Joy Rutherford to Karen Winfield, October 7, 2015) requesting source protection data. From this request, Burnside received mapping of Significant Threat Policy Areas, Wellhead Protection Area Vulnerability, Significant Recharge Area, and Percent Managed Land. We made an additional request to obtain the mapping of the Highly Vulnerable Aquifers. The hydrogeologically relevant maps were included in our assessment of the site and our draft report (Appendix E). We understood that this was the extent of the information available through the UTRCA at that time. In addition to the requested information, we also viewed the mapping associated with the online Upper Thames River Source Protection Area Assessment Report (approved September 2015).

   With respect to recent publications noted by UTRCA, specifically the surficial geology information published for the St. Marys Cement, Thomas Street Quarry, Burnside is not sure that such additional information will affect our EA assessment of the site's hydrogeology. We would be pleased to consider any additional information provided by UTRCA (please direct it to the undersigned). Note that efforts are underway to finalize our EA Report, so your prompt submission is required. We anticipate additional investigation to take place at the Environmental Protection Act (EPA) design stage, which could benefit even from late-arriving data.

10) Burnside used both regional and local data to assess the site. Our draft report relied most heavily on site specific data collected over the past 30 years. Based on this data, we also concluded that this is a relatively complex area. We agree that the presence of perched water in the overburden and a deep water table in the bedrock (resulting in unsaturated bedrock) creates significant downward gradients. We also noted the presence of the Upper Thames River and the St Marys Cement quarry as further complicating factors. While we would welcome additional regional data, it may not change the conceptual model created by the site specific data.

    The Ministry of the Environment and Climate Change (MOECC) hydrogeologist is reviewing the draft report and will be providing comment. The MOECC comments will contribute to the direction future (EPA) investigations will take.

As noted in your letter, please be assured that future circulations will remain addressed to your attention at the UTRCA, and that they will be provided in a timely manner. The EA Study Team – the Town of St. Marys and R.J. Burnside & Associates Limited – look forward to your continued participation in the St. Marys Future Solid Waste Disposal EA.

Burnside trusts that the above adequately responds to the comments provided by UTRCA. Should you require further clarification, please feel free to contact the undersigned.

Yours truly,

R.J. Burnside & Associates Limited

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

cc: David Blake, Town of St. Marys (Via: Email)
Wesley Wright, Ministry of the Environment and Climate Change (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.

160907 Winfield - UTRCA
07/09/2016 1:26 PM

From: Jamie Hollingsworth
Sent: Tuesday, August 16, 2016 8:58 AM
To: Karen Winfield
Cc: Wesley (ENE) Wright; dblake@town.stmarys.on.ca; Joy Rutherford; Hannah Maciver; Tammy Wheeldon; Devin Soeting; Chris Pfohl
Subject: RE: (Draft) EA Study Reports - St. Marys Future Solid Waste Disposal Needs EA

Karen;

Thank you for the comments on the draft Natural Heritage and Hydrogeology assessment reports. By copy of this email I am passing your comment letter along to my colleagues responsible for these reports. They may wish to contact you directly for additional information. Together, my colleagues and I will prepare a response. Some of my colleagues are currently on vacation, and this may delay our response somewhat.

Take Care,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Karen Winfield [mailto:winfieldk@thamesriver.on.ca]
Sent: Monday, August 15, 2016 6:22 PM
To: Jamie Hollingsworth
Cc: Wesley (ENE) Wright; dblake@town.stmarys.on.ca
Subject: (Draft) EA Study Reports - St. Marys Future Solid Waste Disposal Needs EA

Hi James,

My apologies for the late reply on this one. It has been extremely busy at our office this summer and we have been unable to respond sooner.

Please see attached UTRCA comments specific to the (Draft) Natural Heritage and Hydrogeology Study Reports associated with the St. Marys Future Solid Waste Disposal Needs EA.

Thank-you,

Karen Winfield
Land Use Regulations Officer
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 237 | Fax: 519.451.1188
winfieldk@thamesriver.on.ca

UPPER THAMES RIVER
CONSERVATION AUTHORITY

**** 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

****

UPPER THAMES RIVER
CONSERVATION AUTHORITY

"Inspiring a Healthy Environment"

The Thames
A Canadian
Heritage River

August 15, 2016

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) EA Study Reports (Natural Heritage and Hydrogeology)
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 June 9, 2016) regarding the *Future Solid Waste Disposal Needs Individual Environmental Assessment, Town of St.* Marys and the associated CD with Draft Environmental Assessment (EA) Study Reports. We have reviewed the Natural Heritage and Hydrogeology Reports. 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):

General Comments

1) We note the currently preferred Alternative appears to be Method #3 – Combination of Vertical and Horizontal Expansion. Please note that a permit would be required from the UTRCA for works proposed in Option #3.

Natural Heritage

We note that additional information is required to assess potential impacts of the various alternatives.

2) In addition to SWH information provided on Figures 6 – 10, please include the following areas / locations:
    - candidate reptile hibernaculum areas
    - candidate hibernation habitat for Midland Painted Turtle and Snapping Turtle
    - candidate turtle nesting areas

- candidate amphibian breeding habitat (woodland and wetland)
- candidate basking habitat for Snapping Turtle
- candidate habitat for Monarch
- candidate nesting / foraging habitat for Eastern Meadowlark
- confirmed foraging habitat for Eastern Meadowlark, Barn Swallow and Bank Swallow
- confirmed basking habitat for Midland Painted Turtle
- locations of terrestrial crayfish referred to in bullet point 4 under section 7.2.2 (note that Figures 6 – 10 do not show the crayfish near the capped cement kiln piles as stated in the text)
- confirmed amphibian breeding habitat referred to in Sections 7.2.2, 7.2.3
- large area of breeding bird habitat referred to in Sections 7.2.4, 7.2.5

3) In Section 7.2.2, please list the two threatened species and one special concern species that will be directly impacted by alternative 2
4) Please explain why the shallow marsh / willow thicket swamp was not surveyed for amphibians.
5) Include discussion about the likelihood of creating / enhancing areas where potential SWH for the species listed in point #1 (above) as potential mitigation measures.
6) Ensure that the construction timing windows under the Migratory Birds Act are adopted
7) Ensure water quality monitoring includes both chemistry and benthic sampling to ensure the watercourses / drains do not become further impaired once the appropriate alternative has been selected. Monitoring should occur before the alternative is selected, and throughout the life of the landfill expansion.
8) Given the fact that the site is adjacent to softshell habitat, we do not recommend alteration of the watercourse or the shoreline.

Hydrogeology

Please note that the MOECC is the official hydrogeologic review agency. We are simply providing comments on this section given that our office has extensive information related to the St. Marys area given our involvement with Drinking Water Source Protection Studies. We suggest this is a complicated area, there is more information available that does not appear to have been utilized and we suggest that the newer studies may shed enlightenment of the options and highlight potential short comings.

9) The hydrogeologic report completed significant monitoring, evaluated the surficial geology and bedrock geology, and site conditions. The only background hydrogeologic study reviewed was the Perth Groundwater Study completed in 2003. Extensive, peer reviewed, hydrogeologic work has been completed in the St. Marys area (including the site) including aquifer layer mapping, vulnerability mapping and modelling and conceptual model development and Tier III water budget analysis. The St. Marys area is complex from a geologic and hydrogeologic perspective- for example- significant downward gradients, unsaturated bedrock, karst bedrock, bedding plane aquifers all exist on site. All of this hydrogeologic material will be provided to enable the consulting process. Recent publications on the surficial geology at the quarry, west of the site, has been completed and should be incorporated.
10) Although the landfill is not located in the Wellhead Protection Areas (WHPA), further hydrogeologic investigation based on the above noted studies should be 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/TT/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: Fwd: Fw: (Draft) Hydrogeological Work Plan - St. Marys Future Waste Disposal Needs

Joy Rutherford to: Philip Simm 11/02/2015 01:46 PM
Cc: sally.ker
Bcc: Martina Paznar

Hi Phil
Sorry for delay, I just returned from vacation. I've attached the signed agreement. Yes, ArcGIS is fine.
Joy

RJBurnside SP Data Sharing Agreement Signed.pdf

Thames-Sydenham and Region

DIGITAL DATA USE AGREEMENT

This agreement covers the acceptable and permitted use of digital information (data) provided by a Conservation Authority within the Thames-Sydenham and Region (TSR) for the use of the data related to a specific project. The data shall only be used for the purposes described herein. Prior to its use for other purposes the user must contact the Conservation Authority from which they received the data (referred to as the Conservation Authority or CA) to negotiate a revised agreement.

Use of data: Hydrogeological work plan - St. Marys Future Waste Disposal Needs

The Conservation Authority is providing the following data for use as described above.

Description of data: Assessment Report mapping layers (not including base data)

The user shall be granted access to the data in the following manner(s).

Access method: Password protected access to an ArcGIS web mapping service.

Terms The user agrees to the following terms:

1) All data is provided "as is" from information collected by the TSR for purposes relating to its programs and mandate. While every effort has been made to ensure accuracy of the information, the user must verify if the accuracy meets the requirements of the specific project for which it will be used. Accuracy should be confirmed against the most recent version of the Assessment Report for the Source Protection Area. Any discrepancies shall be brought to the attention of the Conservation Authority from which you acquired the data.

2) To the best of the knowledge of the TSR all of the data does not have any other copyright or proprietary constraints. However should the user become aware of any copyright violations, they should immediately notify the TSR and refrain from using the data until appropriate releases have been obtained.

3) In some cases the data is not the intellectual property of the TSR and the user may be required to contact the owner of a particular dataset to ensure accuracy and currency.

4) Use, distribution or modification of the data beyond the original intent of the project is prohibited without the written consent of the TSR.

This agreement shall remain in effect for the period identified below. Extension of the agreement can only be made through mutual written agreement.

Period of agreement From: Oct 23/2015 To: Dec 31/2016

I have read, understand and agree to the terms of this Digital Data Use Agreement for the identified project.

RJ Burnside & Associates Ltd.	
Name of Data User and Organization	Authorizing Signature
	Nov 2/2015
	Date
Conservation Authority	Authorizing Signature
	Date

"Philip Simm"	Hi Joy, We typically distribute the source protecti...	10/23/2015 02:52:00 PM

From: "Philip Simm" <simmp@thamesriver.on.ca>
To: "Rutherford, Joy" <Joy.Rutherford@rjburnside.com>
Cc: sally.ker@rjburnside.com
Date: 10/23/2015 02:52 PM
Subject: Re: Fwd: Fw: (Draft) Hydrogeological Work Plan - St. Marys Future Waste Disposal Needs

Hi Joy,
We typically distribute the source protection data using a GIS mapping service which means the end user needs ESRI ArcGIS. Please let me know if this is the case.

Regards,
phil.

Philip Simm
GIS Specialist
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 247 | Fax: 519.451.1188
simmp@thamesriver.on.ca | www.thamesriver.on.ca

>>> Joy Rutherford <Joy.Rutherford@rjburnside.com> 10/19/2015 10:58 AM >>>
Hi Phil

Karen requested confirmation of the mapping that we would like to obtain. It is the Drinking Water Source Protection mapping. The area is the larger study area which includes the landfill site and extends 1 km out from the landfill property boundary.

We'd like to get shapefiles and these would go to Sally Ker, our cad person, who is copied on this email.

thanks
Joy

From: "Karen Winfield" <winfieldk@thamesriver.on.ca>
To: "Chris Tasker" <TASKERC@thamesriver.on.ca>, Joy.Rutherford@rjburnside.com, "Linda Nicks" <NicksL@thamesriver.on.ca>, "Michelle Fletcher" <FletcherM@thamesriver.on.ca>
Cc: "Philip Simm" <SimmP@thamesriver.on.ca>, jamie.hollingsworth@RJBurnside.com, sally.ker@rjburnside.com
Date: 10/09/2015 08:54 AM
Subject: Fwd: Fw: (Draft) Hydrogeological Work Plan - St. Marys Future Waste Disposal Needs

---

Hi Joy,

Just to clarify, is it just the Drinking Water Source Protection mapping you are looking for - for the larger study area? Or the Regulated and Natural Heritage areas as we previously provided Burnside with the smaller area? Also do you need shapefiles or just pdfs? Please confirm with Phil Simm from our GIS department (cc'd on this e-mail) as he will be able to assist.

Chris/Linda/Michelle - Can one of you please take a look at Joy's request below for more DWSP info (re: vulnerability and water budget) and assist Joy with where to find this?

Thank-you,

Karen W.

>>> Joy Rutherford <Joy.Rutherford@rjburnside.com> 10/7/2015 1:44 PM >>>
Hello Karen;

Jamie passed your comments on the hydrogeological work plan along to me and I incorporated them into the draft work plan. At this time, we are waiting for the MOECC to provide their final comments. In the meantime, I am proceeding with the collection of background hydrogeological data.

The UTRCA recently supplied us with mapping of regulated and natural heritage areas. For the hydrogeology work, I'd also like to incorporate any source protection data that you have available. Your comments to Jamie (attached below) indicated that you had additional information on vulnerability and water budget. Would you be able to supply mapping for the study site (the landfill) and for the larger study area (approximately 1000 m beyond the landfill)? Who is the best person to contact to obtain the mapping?

Thank you for your assistance in providing this information.
Joy

Joy Rutherford, P.Geo.
Hydrogeologist

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Joy.Rutherford@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3116
www.rjburnside.com

**** 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.

****

----- Forwarded by Joy Rutherford/RJB on 10/07/2015 11:06 AM -----

From: Jamie Hollingsworth/RJB
To: "Karen Winfield" <winfieldk@thamesriver.on.ca>,
Cc: dblake@town.stmarys.on.ca, "Edwards, Susanne (MOECC)" <Susanne.Edwards@ontario.ca>, Joy Rutherford/RJB@RJB
Date: 08/31/2015 09:29 AM

Subject: Re: (Draft) Hydrogeological Work Plan - St. Marys Future Waste Disposal Needs

Karen;

Thank you for the Upper Thames River Conservation Authority (UTRCA) comments regarding the (Draft) Hydrogeological Work Plan. I am sharing them with my colleague, Joy, who is Burnside's hydrogeologist for this project. I am also copying Sue Edwards, who - as mentioned in Wesley Wright's email from this morning - is now the MOECC's Project Officer for the St. Marys Waste EA.

FYI, I just returned to the office today and have not yet had a chance to look at your comments. Once Joy and the EA Team get a chance to review them we may be in touch. If it's all straight forward - and we are in agreement - then we will simply incorporate your comments into the Work Plan (with no further reply).

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

From: "Karen Winfield" <winfieldk@thamesriver.on.ca>
To: jamie.hollingsworth@RJBurnside.com
Cc: St.Marys.Waste.EA@RJBurnside.com, "Wesley (ENE) Wright" <Wesley.Wright@ontario.ca>, dblake@town.stmarys.on.ca
Date: 08/29/2015 03:26 PM
Subject: (Draft) Hydrogeological Work Plan - St. Marys Future Waste Disposal Needs

Hi James,

Please see attached UTRCA comments regarding the (Draft) Hydrogeological Work Plan for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment.

Thank-you,

Karen Winfield
Land Use Regulations Officer
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 237 | Fax: 519.451.1188
winfieldk@thamesriver.on.ca

<The contents of this e-mail and any attachments are intended for the named recipient(s). This e-mail may contain information that is privileged, confidential and/or exempt from disclosure under applicable law. If you have received this message in error, are not the named recipient(s), or believe that you are not the intended recipient immediately notify the sender and permanently delete this message without reviewing, copying, forwarding, disclosing or otherwise using it or any part of it in any form whatsoever.>

UPPER THAMES RIVER
CONSERVATION AUTHORITY

"Inspiring a Healthy Environment"

The Thames
A Canadian
Heritage River

August 29, 2015

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

Attention: James Holingsworth – (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)

From: "Karen Winfield" <winfieldk@thamesriver.on.ca>
To: "Tricia Radburn" <Tricia.Radburn@rjburnside.com>, david.marriott@ontario.ca
Cc: "Dave Blake" <dblake@town.stmarys.on.ca>, "Jamie Hollingsworth" <Jamie.Hollingsworth@rjburnside.com>
Date: 05/20/2015 05:51 PM
Subject: Re: St. Marys Future Solid Waste Disposal Needs Indiviudal EA- Ecological Work Plan for review

Hi Tricia,

I'm going to apologize to you in advance. Instead of us providing formal comments on your request.... as we generally try to do.... it is "summer busy" here and hoping we can just send you our ecologist's comments in an "informal" copy-and-paste manner to expedite getting this out to you in a timely manner. (Comments from our terrestrial ecologist, aquatic biologist and snake/reptile biologist are below as well as the fish sampling records (attached pdf.) we have for the Sgarglia Municipal Drain.)

****

- use the more recent ELC classification for vegetation communities not described under the 1998 system. Especially since the newer system has more descriptions of human-dominated landscapes / communities.

- list of plants should be broken out by vegetation community, not an overall list. All significant species (plants and animals) should be identified on a map

- precursory field surveys for bat roosts, bat maternity colonies or and woodland amphibian breeding habitat (may require additional monitoring stations). If these surveys are unnecessary (based on preliminary ELC work), some explanation is required.

- We have the watercourse on site listed as the Sgarglia Drain. Of interest, we found smallmouth bass downstream indicating it supplies nursery habitat for the N Thames bass population. I don't think this would extend on to the site as I seem to recall a fairly major perched culvert or similar at Water St. Largemouth Bass found upstream are probably from a pond upstream of the site.

- They list Redside Dace as a potential SAR but there are no records for this species in the

Thames that I am aware of.

- Not sure whether it is within the bounds of this type of study but would a water quality component, benthic and water chemistry, to see what the drain is contributing to the N Thames be appropriate?

- The proposed site is adjacent to known softshell habitat, including a movement corridor and relatively close to the only known oviposition (nesting) site upstream of London. Likely not an issue if the river, or shoreline, is not influenced in any way from this proposal.

- On page 32, 34, 40, 43 softshells are not generally found along swift flowing rivers, but rather slow flowing rivers and basking surveys should be conducted from mid May to mid June for best results, though turtles may move over 30 km between nesting and hibernation sites, so just because they are not seen, does not mean they will not be there at some point during the year. Since they bask infrequently after mid June, they may be difficult to detect. Additionally, they are quite shy and fast, so abandon basking sites quickly. When in low densities, as they are in the St. Mary's area, they are hard to detect.

- Regarding the suggested surveys for milksnake. Searching cover boards 3 times per year is not adequate for presence/absence. It is a tool, but just because a snake is not seen, does not mean it is not there. Our cover material survey work has shown that, in some cases, milksnakes may be seen once every 4 or 5 years, despite frequent work in the area. They are cryptic and easily missed.

- Basking surveys for snapping turtles are not the best way. Moving slowly through thick mud and vegetation with chest waders, looking for evidence of nesting (including predated eggs) are usually more productive. But as with all of the reptile surveys suggested, these are only good for determining presence, NOT for determining absence due to cryptic behaviour and in some cases low population density.

- Page 13 and page 48 (Milksnake survey protocol)

Again, probable absence can not be determined based on the existing survey protocol in most cases. In a well established area in London, known for milksnakes, they are seen very infrequently despite yearly work by herpetologists. Based on the survey protocol presented in this document, this known milksnake population in London ON would likely qualify as a site with "probable absence". This would also hold true for sites I work on in Oxford and Norfolk County. Such a determination should be avoided when it comes to very cryptic species (most snakes), or species at risk that are often in low densities. I realize this is pretty standard, but it is not based on fact and search effort to determine probable absence could only be done if the site is in very poor condition with almost no areas for the snakes to hide or with no, or almost no, natural features. I agree presence surveys can be done, but in the case of absence, the wording should focus on the results of the surveys, not suggesting absence, but rather no snakes found at this time (if that is the case).

****

Hope this helps.

Thank-you,

Karen Winfield
Land Use Regulations Officer
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 237 | Fax: 519.451.1188
winfieldk@thamesriver.on.ca

UPPER THAMES RIVER
CONSERVATION AUTHORITY

>>> Tricia Radburn <Tricia.Radburn@rjburnside.com> 4/24/2015 10:36 AM >>>
Good morning,

R.J. Burnside & Associates Limited is working on behalf of the Town of St. Marys to complete an Individual Environmental Assessment to study various options for managing the Town's solid waste over the next 40 years. The Terms of Reference was approved by the Minister of the Environment and Climate Change in December, 2014 and the EA work program is now underway. Details can be found here: http://townofstmarys.com/living/living.aspx?id=9840

The first step in the EA is to assess whether it is preferable to export waste to a site outside of St. Marys or whether it is preferable to expand the existing St. Marys landfill. This "export verses expansion" assessment is currently underway. We hope to have this assessment ready for public discussion in the coming months.

If expanding the St. Marys landfill is found to be the best option, several studies will need to occur on and around the site to gain an understanding of baseline conditions. Among these, the ecological studies must be completed within a specific timing window in the spring. Although the preferred option has not yet been decided (as above), the Town would like to move ahead with ecological studies so we don't miss this year's window.

The TOR committed to preparing detailed Work Plans for various disciplines for review by agencies and interested Aboriginal communities prior to the initiation of fieldwork. We have attached a draft Ecological Work Plan outlining our proposed work at the site.

We would appreciate any comments or questions you may have regarding our proposed methodology and scope of work, as outlined in the Work Plan.

Kind Regards,

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

**** 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.

********** Sgarglia Drain Fish.pdf

UTRCA Fish Sampling Records

Location		Species at Risk (SAR) Status			Provincial Status	Site Number	Sample Date
Species (Common Name)	**Scientific Name**	**COSEWIC**	**SARA**	**ESA 2007**	**SRank**	**Abundanc**	**Distribution**
Sgarglia Drain							
Water Street at Cement Plant			UTM x: 487260	UTM y:	4787562	3111-UT	10/28/2011
Bluntnose Minnow	*Pimephales notatus*				S5	Abundant	widespread
Central Stoneroller	*Campostoma anomalum*				S4	Abundant	widespread
Common Shiner	*Luxilus cornutus*				S5	Abundant	widespread
Rosyface Shiner	*Notropis rubellus*				S4	Abundant	widespread
Smallmouth Bass	*Micropterus dolomieu*				S5	Abundant	widespread
Spotfin Shiner	*Cyprinella spiloptera*				S4	Abundant	widespread
Striped Shiner	*Luxilus chrysocephalus*				S4	Abundant	widespread
White Sucker	*Catostomus commersoni*				S5	Abundant	widespread
Sgarglia Drain							
1908 James St S. S of St Marys			UTM x: 489295	UTM y:	4787061	3112-UT	10/28/2011
Largemouth Bass	*Micropterus salmoides*				S5	Abundant	widespread

Location		Species at Risk (SAR) Status			Provincial Status	Site Number	Sample Date
Species (Common Name)	**Scientific Name**	**COSEWIC**	**SARA**	**ESA 2007**	**SRank**	**Abundanc**	**Distribution**

COSEWIC Status: The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assesses species for their consideration for legal protection and recovery (or management) under the Species at Risk Act (SARA).

Extinct: A wildlife species that no longer exists.
Extirpated: A wildlife species no longer existing in the wild in Canada, but exists elsewhere.
Endangered: A wildlife species facing imminent extirpation or extinction.
Threatened: A wildlife species likely to become endangered if limiting factors are not reversed.
Special Concern: A wildlife species that may become a threatened or an endangered species because of a combination of biological characteristics and identified threats.
Not at Risk: A wildlife species that has been evaluated and found to be not at risk of extinction given the current circumstances.
Data Deficient: A category that applies when the available information is insufficient (a) to resolve a wildlife species' eligibility for assessment or (b) to permit an assessment of the wildlife species' risk of extinction.

Reference: www.cosewic.gc.ca (current to November 2011)

SARA Status: The federal at risk designation for species under the Species at Risk Act (SARA)
Reference: www.sararegistry.gc.ca (current to December 2011)

ESA 2007 / SARO Status: Species at Risk in Ontario (SARO) are designated by the Ontario Ministry of Natural Resources (OMNR) in accordance with the provincial Endangered Species Act (ESA) through the Committee on the Status of Species at Risk in Ontario (COSSARO).

Extirpated: A native species that no longer exists in the wild in Ontario but still occurs elsewhere.
Endangered: A native species facing imminent extinction or extirpation in Ontario.
Threatened: A native species that is at risk of becoming endangered in Ontario.
Special Concern: A native species that is sensitive to human activities or natural events which may cause it to become endangered or threatened.

Reference: www.ontario.ca/speciesatrisk (current to January 2012)

Provincial Rank (SRANK): Provincial (or Subnational) ranks are used by the Natural Heritage Information Centre (NHIC) to set protection priorities for rare species and natural communities. These ranks are assigned to consider only those factors within the political boundaries of Ontario.

SX Presumed Extirpated: Species or community is believed to be extirpated from the nation or state/province. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
SH Possibly Extirpated (Historical): Species or community occurred historically in the nation or state/province, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become NH or SH without such a 20-40 year delay if the only known occurrences in a nation or state/province were destroyed or if it had been extensively and unsuccessfully looked for. The NH or SH rank is reserved for species or communities for which some effort has been made to relocate occurrences, rather than simply using this status for all elements not known from verified extant occurrences.
S1 Critically Imperiled: Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.
S2 Imperiled: Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.
S3 Vulnerable: Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
S4 Apparently Secure: Uncommon but not rare; some cause for long-term concern due to declines or other factors.
S5 Secure: Common, widespread, and abundant in the nation or state/province.
SNR Unranked: Nation or state/province conservation status not yet assessed.
SU Unrankable: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
SNA Not Applicable: A conservation status rank is not applicable because the species is not a suitable target for conservation activities.
S#S# Range Rank: A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or community. Ranges cannot skip more than one rank (e.g., SU is used rather than S1S4).

Reference: http://nhic.mnr.gov.on.ca/MNR/nhic/nhic.cfm (current to March 2012)

Abundance: Refers to the relative abundance or common occurrence of the species found within the waters of the Thames River watershed based on sampling results. Consideration was given to accurately reflect the species presence within the watershed due to the sampling capture method, effort, and biases, difficulty in capturing certain species and anecdotal reporting.
Abundant: Greater than 50 sample records in the database
Common: Between 15 and 50 sample records in the database
Historical: . species that have been previously recorded in the Thames
Rare: Less than 5 sample records in database
Uncommon: Between 5 and 15 sample records in database

Distribution: Indicates whether species are sampled throughout the watershed or restricted to specific locales.

Prepared - Wednesday, May 13, 2015

Fw: Notice of EA Commencement - Future Solid Waste Disposal Needs , St. Marys

Jamie Hollingsworth to: Ashley Gallaugher 02/13/2015 02:05 PM

----- Forwarded by Jamie Hollingsworth/RJB on 02/13/2015 02:05 PM -----

From: "Karen Winfield" <winfieldk@thamesriver.on.ca>
To: jamie.hollingsworth@RJBurnside.com,
Cc: St.Marys.Waste.EA@RJBurnside.com, "Wesley (ENE) Wright" <Wesley.Wright@ontario.ca>, dblake@town.stmarys.on.ca
Date: 02/13/2015 01:34 PM
Subject: Notice of EA Commencement - Future Solid Waste Disposal Needs, St. Marys

Hi James,

Please see attached UTRCA comments regarding the Notice of EA Study Commencement for the Future Sold Waste Disposal Needs, Town of St. Marys.

Thank-you,

Karen Winfield
Land Use Regulations Officer
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 237 | Fax: 519.451.1188
winfieldk@thamesriver.on.ca

UPPER THAMES RIVER
CONSERVATION AUTHORITY

UTRCA Comments - (Notice of EA Commencement) Future Solid Waste Disposal Needs, St. Marys.pdf

UPPER THAMES RIVER
CONSERVATION AUTHORITY

"Inspiring a Healthy Environment"

The Thames
A Canadian
Heritage River

February 13, 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: Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs
Town of St. Mary's
File No.: 300032339.0000

We are in receipt of your letter (dated February 9, 2015) regarding the *Notice of Environmental Assessment Commencement: Future Solid Waste Disposal Needs, Town of St. Marys, File No.: 300032339.0000*. The UTRCA previously provided comments for the (2006, 2009, 2012, 2013) draft Terms of Reference (ToR). 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):

General Comments

1) We would appreciate the opportunity for our technical staff to review and provide comments on any upcoming draft documents and proposed alternatives including any draft Environmental Study Report. We respectfully request review of any public presentation documents as well. Please note that our scope of review is based on the policies set out in the Upper Thames River Conservation Authority Planning Policy Manual (June 28, 2006). EA and any subsequent detail design project review for the project would generally be guided by, but not limited to, natural heritage, natural hazard and pollution prevention areas of concern for lands regulated within our jurisdiction.

UTRCA Regulated Areas

2) According to the enclosed project location mapping, portions of study area occur within natural hazard and natural heritage areas regulated by the Conservation Authority. The

UTRCA regulates development within the Regulation Limit in accordance with Ontario Regulation 157/06 made pursuant to Section 28 of the *Conservation Authorities Act*. This regulation requires proponents to obtain written approval from the UTRCA prior to undertaking any works in the regulated area including filling, grading, construction, alteration to a watercourse and/or interference with a wetland.

Digital Mapping

3) Our staff can provide digital mapping which outlines the boundaries of the natural heritage and natural hazard features as well as Drinking Water Source Protection Areas present within the study area. Our digital mapping may be obtained by contacting our GIS department (contact: Phil Simm, 519-451-2800 x 247). Generally the fee involved with obtaining digital mapping of our natural heritage and natural hazard features is $100 but this fee will be waived as the mapping is intended for use by one of our member municipalities for an EA.

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

Karen M. Winfield
Land Use Regulations Officer
LN/IS/TT/CT/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)

ONTARIO CANADA
ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)
Name: ~~Ms. Tracy Annett~~ Ms. Karen Winfield
Title: Planner
Organization or Agency: Upper Thames Region Conservation Authority
Address 1: 1424 Clarke Road
Address 2:
City, Prov. & Postal Code: London ON N5V 5B9
Phone:
Fax:
E-Mail: winfieldk@thamesriver.on.ca ☐ Prefer email communication

Area of interest or concern/preliminary comments:

PLEASE REFER TO ATTACHED COMMENTS.

Thank-You

Please check below if applicable:

☐ My organization/agency *is not interested* in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please *remove* my organization/agency from Study Mailing List.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix H
Consultation with Indigenous Communities

Invitation to Site Visit & Availability of Draft Ecological Work Plan	1
EA Review Process & Correspondence	2
Indigenous Community Communications	3
Follow up Emails	4
Follow up Call Log	5
Letter to HDI	6

From: Tricia Radburn/RJB
To: sjohnston@aamjiwnaang.ca, cplain@aamjiwnaang.ca, health@caldwellfirstnation.com, sue.bressette@kettlepoint.org, fburch@cottfn.com, relijah@cottfn.com, hdi2@bellnet.ca, wkm@sixnations.ca, arleenmaracle@sixnations.ca, jthomas@sixnations.ca, dean.jacobs@wifn.org, jared.macbeth@wifn.org
Cc: csmith@sixnations.ca, Jamie Hollingsworth/RJB@RJB, Dave Blake <dblake@town.stmarys.on.ca>
Date: 04/24/2015 10:23 AM
Subject: St. Mary Solid Waste Management Environmental Assessment- Work Plan for review and invitation to observe fieldwork

---

Good Afternoon,

R.J. Burnside & Associates Limited is working on behalf of the Town of St. Marys to complete an Individual Environmental Assessment to study various options for managing the Town's solid waste over the next 40 years. The Terms of Reference was approved by the Minister of the Environment and Climate Change in December, 2014 and the EA work program is now underway. Details can be found here: http://townofstmarys.com/living/living.aspx?id=9840

The first step in the EA is to assess whether it is preferable to export waste to a site outside of St. Marys or whether it is preferable to expand the existing St. Marys landfill. This “export verses expansion” assessment is currently underway. We hope to have this assessment ready for public discussion, including with your community, in the coming months.

If expanding the St. Marys landfill is found to be the best option, several studies will need to occur on and around the site to gain an understanding of baseline conditions. Among these, the ecological studies must be completed within a specific timing window in the spring. Although the preferred option has not yet been decided (as above), the Town would like to move ahead with ecological studies so we don’t miss this year’s window.

Your community has previously expressed an interest in participating in the EA work program. We have therefore attached a draft Ecological Work Plan outlining our proposed work at the site. Work Plans for baseline studies associated with groundwater, air quality, noise, socio-economic conditions and other subjects will be sent for your review in the coming months. These Work Plan reviews will be part of the export verses expansion assessment public discussion (above).

The spring fieldwork window is quickly approaching. **We are planning to be on-site one day during the week of May 25-29 to begin work. An exact date will be confirmed shortly .**

On this day we will:

- check coverboards to survey for snakes;
- complete initial vegetation inventories;
- check minnow traps in the on-site watercourse.

If you have any interest in observing this work you are welcome to send your environmental review representative to join us at the site.

Because this is an active landfill some specific safety measures must be met:

- anyone visiting the site will be required to sign a waiver;
- safety boots must be worn;
- a hard hat and reflective vest must be work. If you don't have either of these items, please let us know and we can bring extras;
- you must stay with the group at all times.

Please let us know if your environmental review representative is interested in attending . We will send additional information including a meeting date , time and location.

If no one is available, there will be other opportunities to visit the site and observe fieldwork while we conduct bird surveys, additional vegetation surveys, re-check coverboards for snakes and other activities outlined in the Work Plan.

If you have any questions, please contact the undersigned.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

032339_Ecological Work Plan.pdf

From: Tricia Radburn
To: Sharilyn Johnston ; Wanda Maness ; cplain@aamjiwnaang.ca ; health@caldwellfirstnation.ca ; sue.bressette@kettlepoint.org ; fburch@cottfn.com ; relijah@cottfn.com ; hdi2@bellnet.ca ; William Montour; Arleen Maracle; Joanne Thomas; dean.jacobs@wifn.org ; jared.macbeth@wifn.org
Cc: Caron Smith; Dave Blake ; Jamie Hollingsworth
Sent: Thu Jun 18 08:50:39 2015
Subject: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Good morning,

R.J. Burnside & Associates Limited is working for the Town of St. Marys to prepare and Environmental Assessment to review options to manage the town's solid waste.

We had been in touch several weeks ago regarding an invitation for you to visit the site to gain an understanding of current operations and the field work we are conducting as part of the EA.

We have had some delays in obtaining permits for various field studies. All permits are now in hand and we would like to arrange the visit for next **Tuesday, June 23 at 10am**.

On that day you will be able to:

- see the landfill operations;
- observe snake coverboard surveys;
- see the results of fish surveys (our aquatic specialist will be pulling out minnow traps from the creek onsite);
- ask questions you may have regarding the studies we are doing and the Environmental Assessment in general.

Please note that safety equipment is required, including steel-toed boots and a safety vest (we can provide extra vests if required).

We will meet at the landfill entrance on Water St.

Please let us know if you are available to attend.

Kind Regards,

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

Re: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Tricia Radburn to: Joanne Thomas 06/26/2015 12:06 PM
Cc: Ashley Gallaugher, Martina Paznar

Not a problem Joanne. If you have any questions about the project, please give me a call or send an email anytime. We will keep you on our mailing list and will make sure you are kept up to date on the project.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

"Joanne Thomas" Hi Tricia My apologies to you for not responding... 06/25/2015 04:15:00 PM

From: "Joanne Thomas" <jthomas@sixnations.ca>
To: <Tricia.Radburn@rjburnside.com>, <sjohnston@aamjiwnaang.ca>, <wmaness@outlook.com>, <cplain@aamjiwnaang.ca>, <health@caldwellfirstnation.ca>, <sue.bressette@kettlepoint.org>, <fburch@cottfn.com>, <relijah@cottfn.com>, <hdi2@bellnet.ca>, <WKM@sixnations.ca>, "Arleen Maracle" <arleenmaracle@sixnations.ca>, <dean.jacobs@wifn.org>, <jared.macbeth@wifn.org>
Cc: "Caron Smith" <csmith@sixnations.ca>, <dblake@town.stmarys.on.ca>, <Jamie.Hollingsworth@rjburnside.com>
Date: 06/25/2015 04:15 PM
Subject: Re: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Hi Tricia

My apologies to you for not responding sooner. This is a very busy time for us right now.

We did not have anyone to attend the St Marys landfill unfortunately. We would appreciate being kept informed of this project.

Sorry again

JT

From: Tricia Radburn
To: Sharilyn Johnston ; Wanda Maness ; cplain@aamjiwnaang.ca ; health@caldwellfirstnation.ca ; sue.bressette@kettlepoint.org ; fburch@cottfn.com ; relijah@cottfn.com ; hdi2@bellnet.ca ; William Montour; Arleen Maracle; Joanne Thomas; dean.jacobs@wifn.org ; jared.macbeth@wifn.org
Cc: Caron Smith; Dave Blake ; Jamie Hollingsworth
Sent: Thu Jun 18 08:50:39 2015

From: Tricia Radburn/RJB
To: Sharilyn Johnston <sjohnston@aamjiwnaang.ca>
Cc: Jamie Hollingsworth/RJB@RJB, Dave Blake <dblake@town.stmarys.on.ca>
Date: 06/22/2015 09:09 AM
Subject: RE: St. Mary Solid Waste Management Environmental Assessment- Work Plan for review and invitation to observe fieldwork

---

Sharilyn,

The St. Marys project team encourages the Aamjiwnaang First Nation to attend the upcoming field work at the landfill site on Tuesday, June 23, 2015. Burnside has provided event details in a separate email dated June 18, 2015. We hope that this day will allow your representatives to better understand the existing site and the plans for the EA work program.

With respect to your April 24, 2015 email, the St. Marys project team would like to see your community fully participate in the Town's solid waste Environmental Assessment (EA), and the Town of St. Marys is prepared to fund appropriate costs. We note that other First Nation communities have also indicated an interest in the EA, and it is possible that more Aboriginal communities could too. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts.

Therefore, the Town is proposing that interested Aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this work program and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by Aamjiwnaang and other communities in development of your plan, including attendance at Tuesday's EA field study work, subject to these negotiations.

From the comments received during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the Aboriginal communities and the St. Marys project team. We respect however that each community may have additional, possibly unique concerns not yet identified at this early stage of the EA process.

The St. Marys project team intends to initiate contact with, and provide a list of, the other First Nations that have expressed an interest in the EA. This would allow the First Nations (and potentially other Aboriginal communities) to make contact and start efforts to develop a coordinated participation, review and commenting plan.

If you have any questions about this, please contact Jamie Hollingsworth, the Burnside Project Manager for this EA. He is cc'd on this email and can also be reached at 289-545-1051.

Regards,

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

Sharilyn Johnston	Hi Tricia, Thank you for the update and invite for...	04/24/2015 10:50:21 AM

From: Sharilyn Johnston <sjohnston@aamjiwnaang.ca>
To: Tricia Radburn <Tricia.Radburn@rjburnside.com>
Cc: Wanda Maness <wmaness@outlook.com>
Date: 04/24/2015 10:50 AM
Subject: RE: St. Mary Solid Waste Management Environmental Assessment- Work Plan for review and invitation to observe fieldwork

Hi Tricia,
Thank you for the update and invite for the field work. Aamjiwnaang is interested in observing this field work and we will be sending an environmental review representative to join you at the site. Our monitors have all the required personal safety equipment and are experienced in working in the field. There is a cost associated with sending monitors, will this be discussed with the Town of St. Mary's or R.J. Burnside.
Please keep us updated as to time and meeting locations. Thanks

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

From: Wanda Maness <wmaness@outlook.com>
To: Tricia Radburn <tricia.radburn@rjburnside.com>
Date: 06/19/2015 07:24 PM
Subject: RE: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Hi Tricia,
I'm interested in attending, I was just asking a question. Will update you on Monday on whether I can attend.
Wanda

To: wmaness@outlook.com
Subject: RE: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am
From: Tricia.Radburn@rjburnside.com
Date: Fri, 19 Jun 2015 16:33:33 -0400

Wanda,

Sorry, no this is not related to any job opportunities. We are completing an Environmental Assessment on behalf of the Town of St. Marys. Sharilyn Johnston and Aamjiwnaang's Environmental Committee have been involved in reviewing it to determine whether there will be any effects on your community. We had invited representatives to visit the site to get a better understanding of what is being proposed and the work we are doing.

I had included you because Sharilyn had copied you on an earlier email. Please let me know if you should be removed from our contact list.

Kind Regards,

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com

Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

**** 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.

****

From: Wanda Maness <wmaness@outlook.com>
To: Tricia Radburn <tricia.radburn@rjburnside.com>
Date: 06/18/2015 05:06 PM
Subject: RE: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

---

Hi Tricia,
so is this event on June 23, is it an orientation for job opportunities ?
Wanda Maness
wmaness@outlook.com

To: sjohnston@aamjiwnaang.ca; wmaness@outlook.com; cplain@aamjiwnaang.ca; health@caldwellfirstnation.ca; sue.bressette@kettlepoint.org; fburch@cottfn.com; relijah@cottfn.com; hdi2@bellnet.ca; wkm@sixnations.ca; arleenmaracle@sixnations.ca; jthomas@sixnations.ca; dean.jacobs@wifn.org; jared.macbeth@wifn.org
CC: csmith@sixnations.ca; dblake@town.stmarys.on.ca; Jamie.Hollingsworth@rjburnside.com
Subject: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am
From: Tricia.Radburn@rjburnside.com
Date: Thu, 18 Jun 2015 08:50:39 -0400

Good morning,

R.J. Burnside & Associates Limited is working for the Town of St. Marys to prepare and Environmental Assessment to review options to manage the town's solid waste.

We had been in touch several weeks ago regarding an invitation for you to visit the site to gain an understanding of current operations and the field work we are conducting as part of the EA.

We have had some delays in obtaining permits for various field studies. All permits are now in hand and we would like to arrange the visit for next Tuesday, June 23 at 10am.

On that day you will be able to:

- see the landfill operations;
- observe snake coverboard surveys;
- see the results of fish surveys (our aquatic specialist will be pulling out minnow traps from the creek onsite);
- ask questions you may have regarding the studies we are doing and the Environmental Assessment in general.

Please note that safety equipment is required, including steel-toed boots and a safety vest (we can provide extra vests if required).

We will meet at the landfill entrance on Water St.

Please let us know if you are available to attend.

Kind Regards,

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

**** 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.

****

From: Dean Jacobs <Dean.Jacobs@wifn.org>
To: Tricia Radburn <Tricia.Radburn@rjburnside.com>
Date: 06/18/2015 04:25 PM
Subject: RE: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Hi Tricia

I won't be able to attend. Jared's calendar looks like he's available. He'll get back to you directly if he can attend.

Dean

From: Tricia Radburn [Tricia.Radburn@rjburnside.com]
Sent: Thursday, June 18, 2015 8:50 AM
To: Sharilyn Johnston; Wanda Maness; cplain@aamjiwnaang.ca; health@caldwellfirstnation.ca; sue.bressette@kettlepoint.org; fburch@cottfn.com; relijah@cottfn.com; hdi2@bellnet.ca; wkm@sixnations.ca; arleenmaracle@sixnations.ca; jthomas@sixnations.ca; Dean Jacobs; Jared Macbeth
Cc: csmith@sixnations.ca; Dave Blake; Jamie Hollingsworth
Subject: Visit to St. Marys Landfill- Environmental Assessment field studies Tuesday June 23 10am

Good morning,

R.J. Burnside & Associates Limited is working for the Town of St. Marys to prepare and Environmental Assessment to review options to manage the town's solid waste.

We had been in touch several weeks ago regarding an invitation for you to visit the site to gain an understanding of current operations and the field work we are conducting as part of the EA.

We have had some delays in obtaining permits for various field studies. All permits are now in hand and we would like to arrange the visit for next Tuesday, June 23 at 10am.

On that day you will be able to:

- see the landfill operations;
- observe snake coverboard surveys;
- see the results of fish surveys (our aquatic specialist will be pulling out minnow traps from the creek onsite);
- ask questions you may have regarding the studies we are doing and the Environmental Assessment in general.

Please note that safety equipment is required, including steel-toed boots and a safety vest (we can provide extra vests if required).

We will meet at the landfill entrance on Water St.

Please let us know if you are available to attend.

Kind Regards,

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

**** 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.
****

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Action Required
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Ms.	Sharilyn	Johnston		April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG called on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015). Ms. Johnson confirmed that had received invitation. Potential conflict same day . AG noted that RRSVP not mandatory but noted location and time of meeting as well as required safety equipment if attending. Noted also that future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Email received from Wanda Maness on June 18, 2015 inquiring whether job orientation will be part of June 23 site visit. TR sent email response noting intent of site visit. Ms. Maness provided reply June 18 noting that would confirm whether attending site visit by June 22, 2015. June 22, 2015: TR sent Sharilyn email encouraging Aamjiwnanng First nation to attend the upcoming field work at the landfill site on Tuesday, June 23, 2015. The email provides background information regarding funding and participation regarding Aboriginal First Nation Communities. The email also states that the St. Marys project team intends to initiate contact in starting efforts to develop a coordinated participation, review and commenting plan.		

Caldwell First Nation	Ms.	Carrie Anne	Peters		April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG called on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015). Ms.Peters confirmed that had received invitation and will pass on to committee members. AG noted that RRSVP not mandatory but noted required safety equipment if attending. Noted also that future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project.	February 26, 2015: Email received from Carrie Ann Peters on behalf of Chief Louise Hillier and Council. Wishes to be notified when discussions begin and wants to set up a meeting to speak about the project.	March 19, 2015: JH sent email response providing Ms. Peters with background information in regards to the project and the purpose of the Notice of EA Commencement. Information as to what Phase 1 entails was also provided.
Chippewas of Kettle and Stony Point FN	Ms.	Suzanne	Bressette	Communications Relations Officer	April 24, 2015: sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. Sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. Called on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015). Ms. Bresette confirmed that had received invitation and has passed on to Chief and Council; had not received confirmation if attending or not. AG noted that RRSVP not mandatory but noted required safety equipment if attending. Noted also that future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Left message for Ms. Bressette on June 22, 2015 inquiring whether would have a representative attending June 23, 2015 site visit. Provided Tricia Radburn's contact information to confirm attendance or if have any questions.		

Chippewas of the Thames First Nation	Ms.	Rolanda	Elijah	Director of Lands and Environment Department	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG left message on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015) received. Noted that RRSVP not necessary, but provided time, location and safety required if representative going to attend. Noted also that will be future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Hopes to see a representative next week! AG left message for Ms. El jah on June 22, 2015 inquiring whether would have a representative attending June 23, 2015 site visit and/or had recieved invitation. Provided Tricia Radburn's contact information to confirm attendance or if have any questions.		

Chippewas of the Thames First Nation	Ms.	Fallon	Burch	Consultation Coordinator	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG left message on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015) received. Noted that RRSVP not necessary, but provided time, location and safety required if representative going to attend. Noted also that will be future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Hopes to see a representative next week! AG left message for Ms. Burch on June 22, 2015 inquiring whether would have a representative attending June 23, 2015 site visit and/or had recieved invitation. Provided Tricia Radburn's contact information to confirm attendance or if have any questions.		
Haudenosaunee Development Institute	Ms.	Hazel	Hill	Interim Director, Six Nations of the Grand River Territory	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG called on June 18, 2015 to follow up whether invitation to site visit (sent June 18, 2015). Ms. Hill confirmed that had received invitation and will pass on to board members. Inquired whether TOR was sent to FN groups. AG noted that TOR has been approved but not sure if available online yet. Noted that contact details for Tricia Radburn in email invite if further project related questions. AG noted that RRSVP not mandatory but noted required safety equipment if attending. Noted also that future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project.		

Six Nations of the Grand River	Ms.	Joanne	Thomas	Consultation Point Person	Email correspondence to chief and Joanne, CC Caron Smith April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG called chief's number on June 18, 2015. Forwarded to J Thomas's number which AG added to contact list. AG left message on machine to follow up whether invitation to site visit (sent June 18, 2015) received. Noted that RRSVP not necessary, but provided time, location and safety required if representative going to attend. Noted also that will be future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Hopes to see a representative next week! AG left message for Ms. Thomas on June 22, 2015 inquiring whether would have a representative attending June 23, 2015 site visit and/or had recieved invitation. Provided Tricia Radburn's contact information to confirm attendance or if have any questions. June 25, 2015: Email recevied apologizing for not responding sooner. They did have anyone attend the St. Marys landfill but would appreciate being kept informed of the project.		

Walpole Island First Nation (Bkejwanong Territory)	Mr.	Jared	Macbeth	Consultation Manager	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG left message on machine to follow up whether invitation to site visit (sent June 18, 2015) received. Noted that RRSVP not necessary, but provided time, location and safety required if representative going to attend. Noted also that will be future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project (provided contact info). Hopes to see a representative next week! Email received from Dean Jacobs on June 18, 2015 noting that would not be able to attend site visit, but Jared Macbeth may be able to and would email us if he intended to. AG left message for Mr. Macbeth on June 22, 2015 inquiring whether would be attending June 23, 2015 site visit. Provided Tricia Radburn's contact information to confirm attendance or if have any questions.		

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'cplain@aamjiwnaang.ca'
08/20/2015 03:33 PM
Cc:
"jamie.hollingsworth@rjburnside.com", "'sjohnston@aamjiwnaang.ca'", "'wmaness@outlook.com'", "'aamjiwnaang.chief@gmail.com'"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'cplain@aamjiwnaang.ca'" <cplain@aamjiwnaang.ca>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "'sjohnston@aamjiwnaang.ca'" <sjohnston@aamjiwnaang.ca>, "'wmaness@outlook.com'" <wmaness@outlook.com>, "'aamjiwnaang.chief@gmail.com'" <aamjiwnaang.chief@gmail.com>

1 Attachment

082015_LTR_Town to Aamjiwnaang_Combined.pdf

Good Afternoon…
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Chief Chris Plain
Aamjiwnaang First Nation
Administration Office
978 Tashmoo Avenue
Sarnia ON N7T 7H5

Dear Chief Plain:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS PARTICIPATION

In 2013, during development of the proposed Terms of Reference (TOR) for the above noted Environmental Assessment (EA), the Aamjiwnaang First Nation indicated an interest in remaining informed and participating in the EA process. Since that time the Minister of the Environment and Climate Change approved the TOR. The Town of St. Marys received this approval on January 9, 2015. Following this, the Town and our EA consultant, R.J. Burnside & Associates Limited, have:

- Issued the Notice of EA Commencement (February 9, 2015);

- Sent an email (April 2015) inviting your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work. This lead to follow-on emails with Aamjiwnaang's Environment Coordinator, Ms. Sharilyn Johnston;

- Undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Center, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

Aamjiwnaang First Nation is one of several aboriginal communities that wish to participate in the Town's EA process. Other aboriginal communities may still join that list. Some First Nations, including Aamjiwnaang, have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the Aamjiwnaang First Nation and other

communities in development and execution of your plan. This may include attendance at the upcoming Public Information Centre #1.

Based on comments received from other communities during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified. The Town wants to ensure these concerns are properly addressed in our EA.

The Town of St. Marys is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including your own, is attached with this letter. We trust this list will allow the First Nations to contact each other and start efforts to develop a coordinated participation, review and commenting plan.

Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s) Interested First Nation Contact List

cc: Sharilyn Johnston, Environment Coordinator, Aamjiwnaang First Nation (enc.) (Via:Email)
James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

082015_LTR_Town to Aamjiwnaang
20/08/2015 2:37 PM

Agency/Organization	Primary Contact	Additional Contact	Address	Email	Telephone
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Chief Chris Plain	Ms. Sharilyn Johnston	Aamjiwnaang Administration Office 978 Tashmoo Avenue Sarnia ON N7T 7H5	cplain@aamjiwnaang.ca CC: Aamjiwnaang.chief@gmail.com sjohnston@aamjiwnaang.ca wmaness@outlook.com	(519) 336-8410
Caldwell First Nation	Chief Louise Hillier	Ms. Carrie Anne Peters	P.O. Box 388 Leamington ON N8H 3W3	lmh@porchlight.ca CC: cfnchief@live.com health@caldwellfirstnation.com	(519) 678-3831
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	(519) 786-2125 ext. 115
Chippewas of the Thames First Nation	Ms. Rolanda Elijah, Director of Lands and Environment Department	Ms. Fallon Burch , Consultation Coordinator	4 Anishinaabeg Drive Muncey ON N0L 1Y0	relijah@cottfn.com CC: fburch@cottfn.com	(519) 289-2662 ext. 209
Haudenosaunee Development Institute	Ms. Hazel Hill, Director		16 Sunrise Court Suite 407, PO Box 714 Ohsweken ON N0A 1M0	hdi2@bellnet.ca	(519) 445-4222, 755-2769
Six Nations of the Grand River	Chief William K. Montour	Ms. Caron Smith Ms. Joanne Thomas, Consultation Point Person	2498 Chiefswood Road, P.O. Box 5000 Oshweken ON NOA 1MO	wkm@sixnations.ca CC: csmith@sixnations.ca arleenmaracle@sixnations.ca jthomas@sixnations.ca	(519) 445-2201
Walpole Island First Nation (Bkejwanong Territory)	Mr. Dean Jacobs, Consultation Manager	Mr. Jared Macbeth, Consultation Manager	Bkejwanong Territory, 117 Tahgahoning Road RR#3 Wallaceburg ON N8A 4K9	dean.jacobs@wifn.org CC: jared.macbeth@wifn.org	(519) 627-1475

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'lmh@porchlight.ca'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com", "'cfnchief@live.com'", "'health@caldwellfirstnation.com'"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'lmh@porchlight.ca'" <lmh@porchlight.ca>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "'cfnchief@live.com'" <cfnchief@live.com>, "'health@caldwellfirstnation.com'" <health@caldwellfirstnation.com>

1 Attachment

082015_LTR_Town to Caldwell_Combined.pdf

Good Afternoon…
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Chief Louise Hillier
Caldwell First Nation
P.O. Box 388
Leamington ON N8H 3W3

Dear Chief Hillier:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS PARTICIPATION

In 2013, during development of the proposed Terms of Reference (TOR) for the above noted Environmental Assessment (EA), the Caldwell First Nation indicated an interest in remaining informed about the EA process. Since that time the Minister of the Environment and Climate Change approved the TOR. The Town of St. Marys received this approval on January 9, 2015. Following this, the Town and our EA consultant, R.J. Burnside & Associates Limited, have:

- Issued the Notice of EA Commencement (February 9, 2015)

- Undertook email correspondence (March 2015) with CarrieAnn Peters, your Community Wellness Worker, providing additional details on the status of the EA. We understand that this information was to be shared with you and your Council.

- Sent an email (April 2015) inviting your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work.

- Undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Centre, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

Caldwell First Nation is one of several aboriginal communities that indicated interest in the Town's EA process. Other aboriginal communities may still join that list. Some First Nations have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to

pay reasonable costs incurred by the Caldwell First Nation and other communities in development and execution of your plan. This may include attendance at the upcoming Public Information Centre #1.

Based on comments received from other communities during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified. The Town wants to ensure these concerns are properly addressed in our EA.

The Town of St. Marys is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including your own, is attached with this letter. We trust this list will allow the First Nations to contact each other and start efforts to develop a coordinated participation, review and commenting plan.

Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s) Interested First Nation Contact List

cc: CarrieAnn Peters, Caldwell First Nation (enc.) (Via:Email)
James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

082015_LTR_Town to Caldwell
20/08/2015 2:38 PM

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'relijah@cottfn.com'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com", "fburch@cottfn.com"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'relijah@cottfn.com'" <relijah@cottfn.com>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "fburch@cottfn.com" <fburch@cottfn.com>

1 Attachment

082015_LTR_Town to COTTFN_Combined.pdf

Good Afternoon…
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Ms. Rolanda Elijah, Director
Lands & Environment Department
Chippewas of the Thames First Nation
4 Anishinaabeg Drive
Muncey ON N0L 1Y0

Dear Ms. Elijah:

RE: ST. MARYS SOLID WASTE DISPOSAL NEEDS ENVIRONMENTAL ASSESSMENT
CAPACITY SERVICE MODEL AND LAND USE PLAN
PROJECT NO.: 300032339.0000

In February 2014 an initial meeting was held between staff from the Chippewas of the Thames First Nation (COTTFN), the Town of St. Marys and R.J. Burnside and Associates Limited. During the meeting we discussed the proposed Terms of Reference (TOR) for the Town's Solid Waste Disposal Needs Environmental Assessment (EA). At that time, the TOR was under review by the Ministry of the Environment and Climate Change (Ministry). Then, in January 2015, the Town received notice that the Minister had approved the TOR. Since that time, the following has occurred:

a) The EA Notice of Commencement was issued on February 9, 2015.

b) Our EA consultants, Burnside, sent an email in April 2015 regarding the biological field work program. The email invited your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work.

c) The EA Team has undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Centre, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

The intention of this letter is twofold:

1) to address the action items that came out of the February 2014 meeting, and
2) to invite COTTFN to participate in a comprehensive EA review.

Meeting Minute Action Items:
We have attached a copy of the minutes from our previously noted February 2014 meeting. There were four action items that came out of this meeting. Those items, following the numbering from the meeting minutes, are discussed below:

2.1 The Town's landfill property was formerly a St. Marys Cement (SMC) clay borrow pit. We have been told that SMC extracted clays for the cement manufacturing process between circa 1912 (when the plant opened) to 1977. As noted in the minutes (and the TOR), the Town opened the landfill in 1984.

3.2 At the time of our meeting, it was indicated that the COTTFN capacity service model was under review. It would be helpful to the EA team to receive the model if it is available.

4.2 As noted in the minutes, the Town supplied copies of the 2010, 2011 and 2012 Annual Monitoring Reports. In addition, the 2013 and 2014 reports are now available at the Town's web site. The report links can be found near the bottom of this web page: http://townofstmarys.com/waste-management.aspx

4.5 During the meeting it was noted that COTTFN has prepared a traditional land use plan. Please provide a copy of this plan so that, if appropriate, parts of it may be referenced by the EA.

A response regarding items 3.2 and 4.5 would be appreciated.

EA Review
The COTTFN has indicated that they wish to participate in the Town's solid waste Environmental Assessment (EA). Other First Nation communities have also shown interest in the EA. It is possible that more aboriginal communities may as well.

Some of the First Nation communities have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the COTTFN and other communities in development and execution of your plan. This may include attendance at the upcoming Public Information Centre #1.

Based on our February 2014 meeting and the comments received from other communities during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified. The Town wants to ensure these concerns are properly addressed in our EA.

The Town of St. Marys is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including your own, is attached with this letter. We trust this list will allow the First Nations to contact each other and start efforts to develop a coordinated participation, review and commenting plan.

Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

_____

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s) Minutes of February 4, 2014 Meeting
Interested First Nation Contact List

cc: Fallon Burch, Consultation Coordinator, Chippewas of the Thames First Nation (enc.) (Via:Email)
James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

082015_LTR_Town to COTTFN
20/08/2015 2:49 PM

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 Canada
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

Meeting Notes

Initial Meeting with Chippewas of the Thames First Nation
St. Marys Solid Waste Disposal Environmental Assessment

Meeting Date:	February 4, 2014	**Date Prepared:**	February 24, 2014
Time:	10:30 a.m. - 11:45 a.m.		
Location:	Town of St. Marys, Municipal Operations Centre		
File No.:	300032339		

Those in attendance were:

Mary Alikakos	Chippewas of the Thames First Nation (COTTFN)
Fallon Burch	COTTFN
Chad Papple	Town of St. Marys (Town)
Dave Blake	Town
Jamie Hollingsworth	R.J. Burnside & Associates Limited (Burnside)
Jennifer Vandermeer	Burnside

1. Introductions and Welcome

2. Landfill History & Site Overview

2.1 D. Blake (DB) provided the following summary of the current St. Marys Landfill Site (Site) history showing an aerial image of the Site on screen:

- Phase I open from 1984 to 1991
- Phase II and III open from 1992 to current (landfill cell # 8)
- Site is a former clay borrow pit for St. Marys Cement (SMC)
- Site originally leased to Town
- Town purchased Site from SMC in 2009-2010
- **Action:** Town to determine how long SMC quarried on Site

3. Discussion of Environmental Assessment Terms of Reference

3.1 J. Hollingsworth (JH) provided overview of the Environmental Assessment (EA) Terms of Reference (TOR).

JH then reviewed that the Town will be looking at two “Alternatives To” the Undertaking including export to another landfill site or expansion of the existing Site.

JH noted that the implications of using waste diversion activities to reduce the amount of waste requiring landfilling will be reviewed for both alternatives. The Town already has Blue Box, Municipal Hazardous and Special Wastes (MHSW) and leaf and yard waste composting programs, so the goal would be to determine opportunities to further reduce disposal requirements.

JH noted that if waste export is chosen as the preferred alternative then the requirement for conducting an Individual EA under Part II of the Environmental Assessment Act is no longer applicable and the EA process as documented in the TOR would cease. However, additional actions would need to be taken by the Town to negotiate terms for the disposal of waste in another approved landfill site.

JH discussed briefly that if the expansion of the existing Site was chosen as the preferred alternative that the EA scope includes a review of expansion design methods.

3.2 M. Alikakos (MA) advised that review of EAs is coordinated through COTTFN Environmental Committee and Council. MA referred to the Crown's duty to consult with and accommodate aboriginal groups. In this vein, MA also mentioned that her department (Lands & Environment) is not funded internally, so they must seek funding external to COTTFN to operate. Therefore, COTTFN will be seeking accommodation from the Town to continue their participation in this EA (i.e. attend meetings, review documents, etc.).

MA advised that COTTFN has a capacity service model which they will share with the Town. This model is currently under review and awaiting internal (COTTFN) approval before it is issued. **Action:** Burnside/Town to request a copy of the capacity service model.

4. Discussion of COTTFN Concerns/Comments about Undertaking

4.1 J. Vandermeer (JV) asked COTTFN to share what their primary concerns are in general and specifically with respect to a possible expansion of the existing landfill.

4.2 MA advised COTTFN has reviewed the EA Terms of Reference and have prepared initial comments. These comments are under review internally but should be made available in the near future. MA would like to review information about the existing landfill site to get a better understanding of what is occurring and determine if COTTFN may have issues. To start, MA requested the most recent Annual Monitoring Reports (AMR) for the Site. DB indicated that he can supply 2010, 2011 and 2012 AMR's in digital format. The 2013 AMR is currently under development. **Action:** DB to provide digital copies of the AMR's. *[Supplied via emails, DB to MA, February 14, 2014.]*

MA asked where the outfalls are from the existing Site. DB noted that the Site has a leachate collection system and that this system drains by gravity to the sanitary sewer and further to the sewage treatment plant on the west side of the Thames River.

DB noted that there is a storm water pond on the east side of the site. JV noted that there is a watercourse running along the east side of the site as well that eventually drains to the Thames River. JV noted that surface water is monitored annually in the Spring and Fall from the entry and exit boundaries of the landfill property.

On the topic of monitoring, JH also mentioned that there are several groundwater monitoring wells and each well is also tested for methane.

4.3 MA asked where the landfill would be expanded to if this was the chosen alternative?

Based on the aerial image of the site, a discussion was had about possible locations for the expanded landfill cells. JH noted that expansion would likely involve a realignment of the existing watercourse that generally bisects the landfill property. JV noted that we have already initiated discussions with the Upper Thames Region Conservation Authority to obtain more information about the watercourse.

4.4 MA noted that COTTFN is primarily concerned with the effects of an expanded landfill site on the water quality of the Thames River and by extension the impacts on treaty rights i.e. fishing and hunting downstream of the landfill. JV asked if there were any particular water quality parameters that COTTFN would like be concerned with. MA noted that once the AMRs were reviewed that they may be in a better position to advise specific concerns.

4.5 JV asked if there was any information COTTFN could share about how they use the land for fishing and hunting so the study team could better understand the potential impacts to treaty rights. MA noted that through Line 9 Pipeline Project, COTTFN has prepared a preliminary traditional land use plan, which could be shared. **Action:** Burnside to request a copy of the land use plan from COTTFN.

5. Discussion of Next Steps

5.1 JH noted that it would be ideal if meeting with COTTFN could take place in advance of or near general public meetings. MA advised that this could work for them.

5.2 JH provided a brief update on the status of the TOR review with the Ministry of Environment (MOE), noting that there are approximately three weeks left for the review period. The Town/Burnside are hoping to hear positively from the MOE by the end of February.

5.3 MA asked how the communication is flowing between COTTFN and MOE and MOE and Town/Burnside. JH noted that it would preferable if COTTFN were to copy the Town and Burnside (DB and JH) on correspondence to ensure that the study team is being kept in the loop.

5.4 MA advised that COTTFN has gone through a lot of changes over the last while, e.g. land claims, organizational changes and new staff. Very recently, a number of staff illnesses have limited their ability to proceed quickly with project work such as review of this TOR. She noted appreciation for the study team taking the time to meet with COTTFN.

6. Departing Remarks and Meeting Adjourned

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'hdi2@bellnet.ca'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'hdi2@bellnet.ca'" <hdi2@bellnet.ca>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>

1 Attachment

082015_LTR_Town to HDI (combined)_Final.pdf

Good Afternoon Ms. Hill,
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Hazel E. Hill
Director
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken ON N0A 1M0

Dear Ms. Hill:

RE: APPLICATION FOR ENGAGEMENT – TOWN OF ST. MARYS
FUTURE SOLID WASTE DISPOSAL NEEDS ENVIRONMENTAL ASSESSMENT
PROJECT NO.: 300032339.0000

The Town of St. Marys is pleased to respond to your letter of August 7, 2015; your file number 030-200-055. As requested in your letter, we have completed the *Application for Consideration and Engagement for Development* form (excluding Section 9, the application fee). We note that the Town of St. Marys is approximately 55 km (straight line distance, centre to centre) west of Waterloo. This moves the project well outside the area indicated on the Haudenosaunee Green Plan[1] mapping.

The EA project team understands that the area indicated on the Haudenosaunee Green Plan map does not fully describe all geographic areas of Haudenosaunee concern or treaty rights. Therefore, we would like to see the Haudenosaunee Development Institute participate in the Town's solid waste Environmental Assessment (EA). The Town of St. Marys is prepared to fund appropriate costs in this regard. We note that other First Nation communities have also indicated an interest in the EA, and it is possible that more aboriginal communities could too. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts.

Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the Haudenosaunee Development Institute and other communities in development of your plan, including attendance at the upcoming Public Information Centre #1 (see attached Notice), subject to these negotiations.

From the comments received during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified.

The St. Marys project team is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including the Haudenosaunee Development Institute, is attached with

[1] http://www.haudenosauneeconfederacy.com/HDI/greenplan.html, accessed August 13, 2015.

this letter. We trust this list will allow the First Nations (and potentially other aboriginal communities) to contact each other and start efforts to develop a coordinated participation, review and commenting plan.
Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s)

- Application for Consideration and Engagement for Development (4 copies with mailed letter)
- Notice of Public Information Centre #1
- Interested First Nation Contact List

cc: James R. Hollingsworth, P. Eng. – RJ Burnside & Associates Limited

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 the Town of St. Marys.

150818 Hill.docx
20/08/2015 1:28 PM

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:

Dave Blake, C.E.T., Environmental Coordinator
Town of St. Marys
408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6

Tel: 519-284-2340 ext. 209

Fax No.: 519-284-0902

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

Town of St. Marys
c/o Dave Blake, Environmental Coordinator
408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6

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

☒ Applicant ☒ Agent, Planning Consultant ☐ Owner ☐ Surveyor

Name and address:

James R. Hollingsworth
R.J. Burnside & Associates Limited
1465 Pickering Parkway, Pickering, ON L1V 7G7

Tel: 289-545-1051

Fax No.: 905-420-5247

Email: Jamie.Hollingsworth@rjburnside.com

SECTION 2: LOCATION OF LANDS PROPOSED TO BE DEVELOPED

2.1 Municipal address:

1221 Water Street South, St. Marys, ON
The Site is situated within the southwest corner of the municipal boundary, east of Perth County Road 123, on part of Lots 35 and 36 of Thames Concession

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):

Solid Waste Management:
•The final disposal of solid, non-hazardous waste;
•Collection and storage for diversion from final disposal of recyclable waste;
•The acceptance, storage, packaging, bulking and subsequent transfer of Municipal Hazardous or Special Waste (MHSW) and Electronic Waste (WEEE); and
•The composting of leaf and yard waste.

3.2 Proposed use of subject land:

No change.

St. Marys Future Solid Waste Disposal Needs Environmental Assessment is being undertaken to determine best method for disposal of residual wastes - i.e., material currently landfilled. The EA may lead to expansion of the existing landfill capacity. See also the attached Notice of Public Information Centre #1.

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?

Not yet determined.

SECTION 4: ADDITIONAL INFORMATION FOR THE SITE

4.1 Current zoning: Environmental Constraint Zone (EC)

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 20th day of August, 2015.

From: Robert Aaron Detlor <aarondetlor@gmail.com>
Sent: Monday, February 29, 2016 11:23 AM
To: Dave Blake; Brent Kittmer
Cc: Mary Sandy; Brian Doolittle; Ms Hazel Hill
Subject: Future Solid Waste Disposal Needs Environmental Assessment 030-200-055 (Project)

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr. Kittmer:

Thank you for meeting with HDI on February 29, 2016 at our offices.

As we indicated the proposed project will impair and interfere with the treaty rights of the Haudenosaunee.

To date there has been no engagement with respect to the impairment and interference.

We have provided a process by way of the HDI application and fee to review the project to ensure that HDI consent is obtained.

We note that we have received an application but not the fee.

We look forward to hearing from St. Marys whether it will be providing the fee to commence our process.

Regards,

Aaron Detlor

Aaron Detlor
Barrister & Solicitor
16 Sunrise Court
Suite 417
P.O. Box 714
Ohsweken ON N0A 1M0

Tel:519 445-4225
Fax:519 445-2389

aarondetlor@gmail.com

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'sue.bressette@kettlepoint.org'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'sue.bressette@kettlepoint.org'" <sue.bressette@kettlepoint.org>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>

1 Attachment

082015_LTR_Town to KettlePoint_Combined.pdf

Good Afternoon…
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Ms. Suzanne Bressette
Communications Relations Officer
Chippewas of Kettle and Stony Point First Nation
6247 Indian Lane, RR#2
Forest ON N0N 1J0

Dear Ms. Bressette:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS PARTICIPATION

In August 2013, during development of the proposed Terms of Reference (TOR) for the above noted Environmental Assessment (EA), the Chippewas of Kettle and Stony Point First Nation indicated an interest in remaining informed about the EA process. At that time you also noted that your community had implemented a new consultation protocol. The Town would appreciate receiving a copy of this protocol. We will share it with our EA consultant, R.J. Burnside & Associates Limited.

As to further developments since that time, the Town of St. Marys received TOR approval from the Minister of the Environment and Climate Change on January 9, 2015. Following this, the Town and our EA consultant have:

- Issued the Notice of EA Commencement (February 9, 2015).

- Sent an email (April 2015) inviting your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work.

- Undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Center, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

Chippewas of Kettle and Stony Point First Nation is one of several aboriginal communities that indicated interest in the Town's EA process. Other aboriginal communities may still join that list. Some First Nations have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of

milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the Chippewas of Kettle and Stony Point First Nation and other communities in development and execution of your plan. This may include attendance at the upcoming Public Information Centre #1.

Based on comments received from other communities during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified. The Town wants to ensure these concerns are properly addressed in our EA.

The Town of St. Marys is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including your own, is attached with this letter. We trust this list will allow the First Nations to contact each other and start efforts to develop a coordinated participation, review and commenting plan.

Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s) Interested First Nation Contact List

cc: James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

082015_LTR_Town to KettlePoint
20/08/2015 2:39 PM

Chippewas of Kettle & Stony Point First Nation
6247 Indian Lane
Kettle & Stony Point FN, Ontario, Canada N0N 1J1

September 28, 2015

Town of St. Marys
408 James Street S., P.O. Box 998
St. Marys, Ontario
N4X 1B6
ATT: Dave Blake, C.E.T., Environmental Coordinator

Dear Mr. Blake:

RE: Town of St. Marys and Future Solid Waste Disposal Needs Individual Environmental Assessment Review Process on Kettle and Stony Point First Nation Traditional Territory.

I'd like to take the opportunity to introduce myself as the Consultation Coordinator for Chippewas of Kettle and Stony Point First Nation ("Kettle & Stony Point"). Kettle & Stony Point have asserted it's Aboriginal and Treaty Rights, and Aboriginal Title in their traditional territory ("Traditional Territory") since time immemorial. These constitutionally entrenched rights and title to our Traditional Territory have been legally recognized by the provincial and federal Crowns, as signatories to the Huron Tract Treaty #29.

We are aware that the Town of St. Marys, is either engaged, or is interested in engaging in an activity that may have an impact on Kettle & Stony Point's Traditional Territory. Please be advised that Kettle & Stony Point has not surrendered, relinquished, extinguished, or conveyed, its interests, rights, and/or title to any of the assets, land, water, surface and subsurface resources, and all other natural resources.

We acknowledge that industry does not have a court-imposed duty to consult with First Nations; however, it is our expectation that if the Town of St. Marys is either engaging, or is interested in engaging, an activity in Kettle & Stony Point's Traditional Territory, it will have an interest in becoming involved in consultation and accommodation efforts with our First Nation.

Consequently, if the Town of St. Marys is prepared to engage in meaningful consultations to understand, address and accommodate our concerns, then Kettle & Stony Point will welcome your participation as a sign of good faith and cooperation and we will respond in kind.

At present time, the First Nation does not have any additional comments or concerns with the activity / project you are proposing in our Traditional Territory. Therefore, on behalf of the Kettle & Stony Point First Nation, we thank you for providing information to our First Nation and reserve the right to initiate meaningful consultation discussions should the need arise.

In the event the scope of the project changes and/or amendments are made, please ensure that the First Nation receives notification. Thank you in advance for your cooperation in this regard.

Sincerely,

Suzanne Bressette

K. Suzanne Bressette
Chippewas of Kettle and Stony Point First Nation

VIA MAIL October 20, 2015

Ms. K. Suzanne Bressette
Consultation Coordinator
Chippewas of Kettle and Stony Point First Nation
6247 Indian Lane
Kettle and Stony Point FN Ontario N0N1J1

Dear: Ms. Bressette

RE: TOWN OF ST. MARYS AND FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT
REVIEW PROCESS ON KETTLE AND STONY POINT FIRST NATION TRADITIONAL TERRITORY

Thank you for your September 28, 2015 response to the Town's Environmental Assessment (EA) process participation letter, dated August 20, 2015. In keeping with your response, the Town of St. Marys and our consultant, R.J. Burnside & Associates Limited, will continue to keep you informed as our EA work advances.

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

Sincerely,
TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

_____
Dave Blake, C.E.T.
Environmental Coordinator

cc: James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

ENVIRONMENTAL SERVICES
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • **F:** 519-284-0902 • **E:** dblake@town.stmarys.on.ca • www.townofstmarys.com

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'wkm@sixnations.ca'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com", "'csmith@sixnations.ca'", "'jthomas@sixnations.ca'"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'wkm@sixnations.ca'" <wkm@sixnations.ca>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "'csmith@sixnations.ca'" <csmith@sixnations.ca>, "'jthomas@sixnations.ca'" <jthomas@sixnations.ca>

1 Attachment

082015_LTR_Town to SixNations_Combined.pdf

Good Afternoon,
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Chief William K. Montour
Six Nations of the Grand River
2498 Chiefswood Road,
P.O. Box 5000
Oshweken ON NOA 1MO

Dear Chief Montour:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS PARTICIPATION

During development of the proposed Terms of Reference (TOR) for the above noted Environmental Assessment (EA), the Six Nations of the Grand River indicated an interest in remaining informed about the EA process. The TOR was submitted to the Ministry of the Environment and Climate Change in January 2014 and subsequently approved by the Minister. The Town of St. Marys received this approval on January 9, 2015.

Following this, the Town and our EA consultant, R.J. Burnside & Associates Limited, have:

- Issued the Notice of EA Commencement (February 9, 2015).
- Sent an email (April 2015) inviting your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work.
- Undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Center, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

Six Nations of the Grand River is one of several aboriginal communities that indicated interest in the Town's EA process. Other aboriginal communities may still join that list. Some First Nations have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the Six Nations of the Grand River and other communities in

Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Dave Blake
to:
'jared.macbeth@wifn.org'
08/20/2015 03:34 PM
Cc:
"jamie.hollingsworth@rjburnside.com", "'dean.jacobs@wifn.org'"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'jared.macbeth@wifn.org'" <jared.macbeth@wifn.org>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "'dean.jacobs@wifn.org'" <dean.jacobs@wifn.org>

1 Attachment

082015_LTR_Town to WIFN_Combined.pdf

Good Afternoon Jared,
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

VIA Email & Mail August 20, 2015

Mr. Jared Macbeth
Walpole Island First Nation
(Bkejwanong Territory)
117 Tahgahoning Road, RR #3
Wallaceburg ON N8A 4K9

Dear Mr. Macbeth:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT REVIEW PROCESS PARTICIPATION

During development of the proposed Terms of Reference (TOR) for the above noted Environmental Assessment (EA), the Walpole Island First Nation indicated an interest in remaining informed about the EA process. Additionally, at our meeting of August 20, 2013 you asked about:

a) The name(s) of the original surveyors of the Town and surrounding area
b) Receiving any historic maps, property surveys or air photos
c) The history of the existing landfill property, and any changes in land use over time.

To this end, the Town has contacted the St. Marys Museum and St. Marys Cement (SMC). We are continuing to follow-up with our contacts and are attempting to fulfill your information request. Thus far we have developed the following:

Founded in 1841, the Town of St. Marys is a traditional support and service centre for surrounding agricultural areas and has a full range of residential, commercial, industrial and institutional areas, facilities, and services.

The existing St. Marys Landfill Site, located in the extreme southwest corner of the Town, was opened in 1984 on a 16.2 ha parcel of land leased from the adjacent St. Marys Cement Inc., a major industrial operation and employer in the Town. In 2009 the Town finalized purchase of the entire 37 ha property on which the 8.0 ha landfill footprint is located. The Site operates under Environmental Compliance Approval (ECA) Number A150203 dated June 24, 2010. This replaced all previous Approvals and was amended by Notice No.1, dated December 11, 2013.

Prior to its use as a waste management facility, St. Marys Cement operated a clay borrow pit on the property. St. Marys Cement personnel indicate that the property was used for this purpose from approximately 1912, when the cement plant opened, until 1977.

You may recall that the TOR was submitted to the Ministry of the Environment and Climate Change in January 2014. The Town of St. Marys received the Minister's approval of the TOR on January 9, 2015. Efforts and progress on the EA were limited during that period. Since then the Town and our EA consultant, R.J. Burnside & Associates Limited, have:

- Issued the Notice of EA Commencement (February 9, 2015).

- Sent an email (April 2015) inviting your community to comment upon the draft biological work plan and accompany Burnside's field staff as they undertook some of the field work.

- Undertaken an assessment of the export versus expansion alternatives (Phase 1 of the TOR). The preliminary results indicate that expansion is preferred. From that, we have begun work to reassess EA requirements (Phase 2), redefine the purpose and rationale for the undertaking (Phase 3) and prepared draft work plans to allow us to evaluate the best method of expansion (part of Phase 4). The alternatives assessment and the work plans are to be discussed at the upcoming Public Information Center, to be held August 26, 2015. A notice of this was sent to your attention on July 29, 2015. You can find related information on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840

Walpole Island First Nation is one of several aboriginal communities that indicated interest in the Town's EA process. Other aboriginal communities may still join that list. Some First Nations have indicated that they require funding from the Town in order to participate. Understandably, the Town does not have the financial resources to fund several separate participation, review and commenting efforts. At the same time, we want to facilitate aboriginal participation in our EA. Therefore, the Town is proposing that interested aboriginal communities agree among themselves and prepare a work program (plan) that allows their individual and shared interests to be recognized in the EA. The scope of this plan and staffing decisions would be left to your communities. Written reporting and achievement of milestones will be expected. Funding would then be negotiated and agreed upon with the Town. The Town is prepared to pay reasonable costs incurred by the Walpole Island First Nation and other communities in development and execution of your plan. This may include attendance at the upcoming Public Information Centre #1.

Based on comments received from other communities during the Terms of Reference (TOR) preparation, the concerns expressed to date are generally shared by the aboriginal communities and the St. Marys project team. We realize however that each community may have additional, possibly unique concerns that have not yet been identified. The Town wants to ensure these concerns are properly addressed in our EA.

The Town of St. Marys is initiating contact with other First Nations that have expressed an interest in this EA. A list of these First Nations, including your own, is attached with this letter. We trust this list will allow the First Nations to contact each other and start efforts to develop a coordinated participation, review and commenting plan.

Yours truly,
THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

Dave Blake, C.E.T.
Environmental Coordinator

Enclosure(s) Interested First Nation Contact List

cc: Dean Jacobs, Walpole Island First Nation (enc.) (Via:Email)
James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

082015_LTR_Town to WIFN
20/08/2015 2:42 PM

From: Jamie Hollingsworth/RJB
To: 'Wanda Maness' <wmaness@outlook.com>
Cc: "Dave Blake" <dblake@town.stmarys.on.ca>, Sharilyn Johnston <sjohnston@aamjiwnaang.ca>, Tricia Radburn/RJB@RJB
Date: 08/24/2015 12:57 PM
Subject: RE: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Wanda;

Thank you for your time today to speak with me by telephone. I have made a few notes for our records, as follows:

- The Town of St. Marys sent letters to Aamjiwnaang First Nation as well as the other First Nations noted on the attached "Interested First Nation Contact List".
- In April, Burnside invited Aamjiwnaang to participate in the spring ecological field work program at the Town's landfill site. In response, Aamjiwnaang's Ms. Sharilyn Johnston noted that there is a cost associated with sending monitors, and that the costs would need to be discussed with the EA Team. - You were copied on Ms. Johnston's email, dated 24-Apr-2015. After resolving field work delays, Burnside replied to Ms. Johnston on 22-Jun-2015, but we did not copy you.
- Some of the other First Nations have also indicated that funding is required to allow their similar participation in the Environmental Assessment (EA) process.
- The Town is looking for the First Nations to agree amongst themselves on how they are to participate in the EA process. A written proposal in this regard would be appreciated. It might consist of your expectations for the EA Team, costs for review of documents (such as the draft Work Plans currently on the Town's web site: http://www.townofstmarys.com/living/living.aspx?id=9840) and attendance at Public Information Centres, field visits to the Town's landfill, or EA Team attendance at meetings with the First Nation(s) - preferably joint meetings to minimise time and costs. The content of the proposal though is up to the First Nation communities.
- Once the proposal is in hand, the Town will review it and decide how it can be funded and implemented. This may lead to some negotiations on scope.
- As indicated in the Town's letter, the EA Team will be looking for written submissions, at milestones set in the First Nation proposal. It is hoped that these written submissions will outline and support First Nation concerns or suggestions regarding the EA. At a minimum, they should document events undertaken as part of the First Nation proposal. An example would be that say you attend the 26-Aug-2015 Public Information Centre. We would expect that you would send an email confirming

attendance on behalf of Aamjiwnaang First Nation and providing any comments or suggestions that you have as a result of your attendance, review of the documents, etc. If you had no comments, this would be noted.

As requested, I have added Ms. Johnston to this email so that you may discuss the process with her in the coming days. I hope this additional information helps you and Ms. Johnston move forward. If either of you have any questions though, please feel free to give me a call.

Take Care,
Jamie

BURNSIDE

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

Dave Blake	Good morning Wanda. The Town is currently un...	08/24/2015 08:14:54 AM

From: Dave Blake <dblake@town.stmarys.on.ca>
To: 'Wanda Maness' <wmaness@outlook.com>
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>
Date: 08/24/2015 08:14 AM
Subject: RE: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Good morning Wanda.
The Town is currently undertaking an Environmental Assessment with regards to Future Solid Waste Management. Aamjiwnaang First Nation has expressed an interest in this project. This correspondence is to provide an update on the project as well as an opportunity to provide comment on the project.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator - Town of St . Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 Cell: 519-852-0502 Fax: 519-284-0902

Please consider the Environmental before printing this email .

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee . If you are not the intended recipient, please notify me by return email and delete this email and any copies . Thank you.

www.townofstmarys.com

From: Wanda Maness [mailto:wmaness@outlook.com]

Sent: August-21-15 9:13 AM
To: Dave Blake
Subject: RE: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Hi Dave,
My name is Wanda Maness and I 'm the CEO of Tri-Tribal Monitoring Services (TTMS),which contracts work for Aamjiwnaang First Nation. What I gather from this document you are looking for a bid from (TTMS) for the Solid Waste Disposal for Town of St. Marys Project. Also that the bid needs to mailed. Is this correct.
Wanda Maness
Tri-Tribal Monitoring Services
519-226-932-5517 cell
519-344-0655 office

From: dblake@town.stmarys.on.ca
To: cplain@aamjiwnaang.ca
CC: jamie.hollingsworth@rjburnside.com; sjohnston@aamjiwnaang.ca; wmaness@outlook.com ; aamjiwnaang.chief@gmail.com
Subject: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment
Date: Thu, 20 Aug 2015 19:33:34 +0000
Good Afternoon…
Please find attached for your consideration. Original copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator - Town of St . Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 Cell: 519-852-0502 Fax: 519-284-0902

Please consider the Environmental before printing this email .

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee . If you are not the intended recipient, please notify me by return email and delete this email and any copies . Thank you.

www.townofstmarys.com

[attachment "image001.jpg" deleted by Jamie Hollingsworth/RJB]

St. Marys Waste EA - EA Status and Discussions w / Caldwell FN

Jamie Hollingsworth to: Carrie Ann Peters 03/19/2015 12:30 PM

Cc: "Dave Blake", "Chad Papple", Tricia Radburn, Debanjan Mookerjea, Martina Paznar, "Wright, Wesley (ENE)"

CarrieAnn,

The Town of St. Marys is carrying out an Environmental Assessment (EA) because their landfill is nearing its capacity and a new method to deal with the Town's waste must be found. The Town of St, Marys received notice in January 2015 that the Minister of the Environment and Climate Change approved the Town's Terms of Reference (TOR) for this EA (link). The TOR outlines how the EA will be completed, including the methodology and the alternative approaches we will consider when studying how the Town should manage its waste in the future. The Town (and Burnside) has recently issued the Notice of EA Commencement to let you, and other interested parties, know that the Environmental Assessment is now starting. (I presume this Notice is why you have gotten in touch. I am glad to see that you are following-up.)

Another item associated with the Notice of EA Commencement was contacting agencies such as the Public Health Unit, Hydro One, the Conservation Authority and many others to see about obtaining background information relevant to the EA. Most of these agencies have responded already. Their information will be used throughout the EA process, and I anticipate some ongoing work with them throughout the EA.

Phase 1 of the EA is now underway. We are assessing whether it is preferable to close the St. Marys landfill and transport waste to an existing landfill in another Town or County or whether it is preferable to expand the St. Marys landfill and continue to manage waste within the Town's limits. For that, a survey of private waste haulers, transfer facilities and disposal sites was mailed out recently. We expect to issue letters soon (probably this week) to nearby municipalities that operate landfills. We will be asking those municipalities if they might accept (negotiate an agreement for) St. Marys waste. At the same time, Burnside is preparing a conceptual design for expansion of the St. Marys Landfill so that it can be used for the comparison/evaluation. Per the TOR, we will be seeking public comment (PIC#1), including comments from Caldwell First Nation, on the draft evaluation of the export verses expansion alternatives. The timing for that (PIC #1) will depend on when replies by the private service providers and municipalities are received. One of my colleagues or I will follow-up with you as we move into the commenting stage. That may be the best time to have a consultation meeting with your Chief and Council as we will have a better understanding of the likely direction for the EA at that point.

I hope this provides the information you need for the time being. However, if you have any further questions, please feel free to contact me.

Take Care,
Jamie

BURNSIDE

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

"Carrie Ann Peters"	Good Morning James,	03/18/2015 10:09:22 AM

From: "Carrie Ann Peters" <health@caldwellfirstnation.ca>
To: <St.Marys.Waste.EA@rjburnside.com>
Date: 03/18/2015 10:09 AM
Subject: FW: Future Solid Waste Disposal

Good Morning James,

I am emailing on behalf of Chief Hillier.
Chief and Council would like to request further information on the Environmental Assessment Study
And if necessary, schedule a Consultation meeting.

Thank you,

Miigwech,
CarrieAnn Peters
Community Wellness Worker
Caldwell First Nation
519-322-1766

From: Carrie Ann Peters [mailto:health@caldwellfirstnation.ca]
Sent: February-26-15 9:08 AM
To: Dave Blake
Subject: notification

Hello Dave,

My name is CarrieAnn, from Caldwell First Nation and I am writing on behalf of Chief Louise Hillier and Council.

Regarding the project: Future Solid Waste Disposal Needs EA Study

She wishes to be notified when discussions begin and may want to set up a meeting to speak about the project.

Thank you,

Miigwech,
CarrieAnn Peters
Community Wellness Worker
Caldwell First Nation
519-322-1766

Annual Monitoring Reports - Town of St. Marys Landfill Site
Dave Blake
to:
'malikakos@cottfn.com', 'fburch@cottfn.com'
02/14/2014 10:42 AM
Cc:
"Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)", Chad Papple, "jamie.hollingsworth@rjburnside.com"
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'malikakos@cottfn.com'" <malikakos@cottfn.com>, "'fburch@cottfn.com'" <fburch@cottfn.com>,
Cc: "Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)" <Debanjan.Mookerjea@rjburnside.com>, Chad Papple <cpapple@town.stmarys.on.ca>, "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>

1 Attachment

2010 Annual Monitoring Report.pdf

Good Morning,
As discussed in our meeting on February 4, 2014, please find attached a copy of the 2010 Annual Monitoring Report for the St. Marys Landfill Site.
Due to the size of the file, each year (2010, 2011 and 2012) will be sent in separate emails.

If you have any questions, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

Annual Monitoring Report - Town of St. Marys - 2011
Dave Blake
to:
'malikakos@cottfn.com', 'fburch@cottfn.com'
02/14/2014 10:44 AM
Cc:
"jamie.hollingsworth@rjburnside.com", "Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)", Chad Papple
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "'malikakos@cottfn.com'" <malikakos@cottfn.com>, "'fburch@cottfn.com'" <fburch@cottfn.com>,
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)" <Debanjan.Mookerjea@rjburnside.com>, Chad Papple <cpapple@town.stmarys.on.ca>

1 Attachment

2011 Annual Landfill Report_reduced.pdf

Good Morning,
As discussed in our meeting on February 4, 2014, please find attached a copy of the 2011 Annual Monitoring Report for the St. Marys Landfill Site.
Due to the size of the file, each year (2010, 2011 and 2012) will be sent in separate emails.

If you have any questions, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

Annual Monitoring Report - Town of St. Marys - 2012
Dave Blake
to:
malikakos@cottfn.com, fburch@cottfn.com
02/14/2014 10:45 AM
Cc:
"jamie.hollingsworth@rjburnside.com", "Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)", Chad Papple
Hide Details
From: Dave Blake <dblake@town.stmarys.on.ca>
To: "malikakos@cottfn.com" <malikakos@cottfn.com>, "fburch@cottfn.com" <fburch@cottfn.com>,
Cc: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "Debanjan Mookerjea (Debanjan.Mookerjea@rjburnside.com)" <Debanjan.Mookerjea@rjburnside.com>, Chad Papple <cpapple@town.stmarys.on.ca>

1 Attachment

St. Marys 2012 AMR_reduced.pdf

Good Morning,
As discussed in our meeting on February 4, 2014, please find attached a copy of the 2012 Annual Monitoring Report for the St. Marys Landfill Site.
Due to the size of the file, each year (2010, 2011 and 2012) will be sent in separate emails.

If you have any questions, please let me know.
Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

www.townofstmarys.com

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 Canada
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

Meeting Notes

Initial Meeting with Chippewas of the Thames First Nation
St. Marys Solid Waste Disposal Environmental Assessment

Meeting Date:	February 4, 2014	**Date Prepared:**	February 24, 2014
Time:	10:30 a.m. - 11:45 a.m.		
Location:	Town of St. Marys, Municipal Operations Centre		
File No.:	300032339		

Those in attendance were:

Mary Alikakos	Chippewas of the Thames First Nation (COTTFN)
Fallon Burch	COTTFN
Chad Papple	Town of St. Marys (Town)
Dave Blake	Town
Jamie Hollingsworth	R.J. Burnside & Associates Limited (Burnside)
Jennifer Vandermeer	Burnside

1. Introductions and Welcome

2. Landfill History & Site Overview

2.1 D. Blake (DB) provided the following summary of the current St. Marys Landfill Site (Site) history showing an aerial image of the Site on screen:

- Phase I open from 1984 to 1991
- Phase II and III open from 1992 to current (landfill cell # 8)
- Site is a former clay borrow pit for St. Marys Cement (SMC)
- Site originally leased to Town
- Town purchased Site from SMC in 2009-2010
- **Action:** Town to determine how long SMC quarried on Site

3. Discussion of Environmental Assessment Terms of Reference

3.1 J. Hollingsworth (JH) provided overview of the Environmental Assessment (EA) Terms of Reference (TOR).

JH then reviewed that the Town will be looking at two “Alternatives To” the Undertaking including export to another landfill site or expansion of the existing Site.

JH noted that the implications of using waste diversion activities to reduce the amount of waste requiring landfilling will be reviewed for both alternatives. The Town already has Blue Box, Municipal Hazardous and Special Wastes (MHSW) and leaf and yard waste composting programs, so the goal would be to determine opportunities to further reduce disposal requirements.

JH noted that if waste export is chosen as the preferred alternative then the requirement for conducting an Individual EA under Part II of the Environmental Assessment Act is no longer applicable and the EA process as documented in the TOR would cease. However, additional actions would need to be taken by the Town to negotiate terms for the disposal of waste in another approved landfill site.

JH discussed briefly that if the expansion of the existing Site was chosen as the preferred alternative that the EA scope includes a review of expansion design methods.

3.2 M. Alikakos (MA) advised that review of EAs is coordinated through COTTFN Environmental Committee and Council. MA referred to the Crown's duty to consult with and accommodate aboriginal groups. In this vein, MA also mentioned that her department (Lands & Environment) is not funded internally, so they must seek funding external to COTTFN to operate. Therefore, COTTFN will be seeking accommodation from the Town to continue their participation in this EA (i.e. attend meetings, review documents, etc.).

MA advised that COTTFN has a capacity service model which they will share with the Town. This model is currently under review and awaiting internal (COTTFN) approval before it is issued. **Action:** Burnside/Town to request a copy of the capacity service model.

4. Discussion of COTTFN Concerns/Comments about Undertaking

4.1 J. Vandermeer (JV) asked COTTFN to share what their primary concerns are in general and specifically with respect to a possible expansion of the existing landfill.

4.2 MA advised COTTFN has reviewed the EA Terms of Reference and have prepared initial comments. These comments are under review internally but should be made available in the near future. MA would like to review information about the existing landfill site to get a better understanding of what is occurring and determine if COTTFN may have issues. To start, MA requested the most recent Annual Monitoring Reports (AMR) for the Site. DB indicated that he can supply 2010, 2011 and 2012 AMR's in digital format. The 2013 AMR is currently under development. **Action:** DB to provide digital copies of the AMR's. *[Supplied via emails, DB to MA, February 14, 2014.]*

MA asked where the outfalls are from the existing Site. DB noted that the Site has a leachate collection system and that this system drains by gravity to the sanitary sewer and further to the sewage treatment plant on the west side of the Thames River.

DB noted that there is a storm water pond on the east side of the site. JV noted that there is a watercourse running along the east side of the site as well that eventually drains to the Thames River. JV noted that surface water is monitored annually in the Spring and Fall from the entry and exit boundaries of the landfill property.

On the topic of monitoring, JH also mentioned that there are several groundwater monitoring wells and each well is also tested for methane.

4.3 MA asked where the landfill would be expanded to if this was the chosen alternative?

Based on the aerial image of the site, a discussion was had about possible locations for the expanded landfill cells. JH noted that expansion would likely involve a realignment of the existing watercourse that generally bisects the landfill property. JV noted that we have already initiated discussions with the Upper Thames Region Conservation Authority to obtain more information about the watercourse.

4.4 MA noted that COTTFN is primarily concerned with the effects of an expanded landfill site on the water quality of the Thames River and by extension the impacts on treaty rights i.e. fishing and hunting downstream of the landfill. JV asked if there were any particular water quality parameters that COTTFN would like be concerned with. MA noted that once the AMRs were reviewed that they may be in a better position to advise specific concerns.

4.5 JV asked if there was any information COTTFN could share about how they use the land for fishing and hunting so the study team could better understand the potential impacts to treaty rights. MA noted that through Line 9 Pipeline Project, COTTFN has prepared a preliminary traditional land use plan, which could be shared. **Action:** Burnside to request a copy of the land use plan from COTTFN.

5. Discussion of Next Steps

5.1 JH noted that it would be ideal if meeting with COTTFN could take place in advance of or near general public meetings. MA advised that this could work for them.

5.2 JH provided a brief update on the status of the TOR review with the Ministry of Environment (MOE), noting that there are approximately three weeks left for the review period. The Town/Burnside are hoping to hear positively from the MOE by the end of February.

5.3 MA asked how the communication is flowing between COTTFN and MOE and MOE and Town/Burnside. JH noted that it would preferable if COTTFN were to copy the Town and Burnside (DB and JH) on correspondence to ensure that the study team is being kept in the loop.

5.4 MA advised that COTTFN has gone through a lot of changes over the last while, e.g. land claims, organizational changes and new staff. Very recently, a number of staff illnesses have limited their ability to proceed quickly with project work such as review of this TOR. She noted appreciation for the study team taking the time to meet with COTTFN.

6. Departing Remarks and Meeting Adjourned

1) ----- Forwarded by Jamie Hollingsworth/RJB on 01/24/2014 04:54 PM -----

St.Marys EA - Meeting with Chippewas of the Thames First Nation

Tue 02/04/2014 10:30 AM - 11:30 AM

Location: Town of St Marys
Municipal Operations Centre
408 James St. S.

This entry has an alarm. The alarm will go off before the entry starts.

Required:	dblake@town.stmarys.on.ca, fburch@cottfn.com, malikakos@cottfn.com
Optional:	relijah@cottfn.com, Wesley.Wright@ontario.ca

Description

Mary;

I am pleased we were able to speak today and define a meeting time and begin discussion of the Town of St . Mary's solid waste management environmental assessment (EA). As you noted, a telephone/conference call is not well suited for the process of relationship building , which is a key goal for our meeting . As we discussed today, and for the benefit of others , we anticipate our meeting will cover the following points :

a. The Town's current overall waste management operations (i.e., big picture stuff including recycling and MHSW; not just the landfill)
b. Existing landfill history, current and future operations and monitoring
c. The proposed EA Terms of Reference
d. Current EA/TOR status (i.e., TOR under MOE review for Minister's approval) and anticipated EA work program schedule
e. Depending on the weather and your interest , we may be able to take a few minutes at the end of the meeting to visit the landfill site . If you are interested , please make sure you bring safety shoes /boots, a high visibility vest (or similar) and a hard hat. Landfills are generally considered equivalent to a construction site for safety equipment, so everyone will need personal protective equipment if they want to see it .

While other related topics may come up , I think these are the main items . Certainly if you have any to add, I will be pleased to pass them along to all copied on this meeting invitation .

As for attendees, I am currently anticipating:

- you (Mary Alikakos)
- Fallon Burch - also representing COTTFN
- Dave Blake - St. Marys
- myself - Burnside

I may bring a colleague with me to the meeting . Similarly, one of Dave's colleagues may wish to join the meeting... I didn't think to ask him when we spoke about this .

I have also copied the following people from your email of January 20, 2014:

- Rolanda Elijah, COTTFN
- Wesley Wright, MOE

If either of them wants to attend they are welcome to join us . Ideally they can send me an email (or "accept" this invitation) so I can let Dave know they are coming .

Finally, I propose we meet at the Town of St. Marys **Municipal Operations Centre**, 408 James St. South., St. Marys ON, N4X 1B6. This Google Maps link says it's the wrong address, so please ignore that... it is the correct location: http://goo.gl/maps/YtV1f

Take Care,
Jamie

BURNSIDE

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: 905.420.5777 ext. 803
fax: 905.420.5247
www.rjburnside.com

2) ----- Forwarded by Jamie Hollingsworth/RJB on 01/24/2014 04:57 PM -----

From: "Mary Alikakos" <malikakos@cottfn.com>
To: "'Jamie Hollingsworth'" <Jamie.Hollingsworth@rjburnside.com>,
Cc: "'Wright, Wesley \(ENE\)'" <Wesley.Wright@ontario.ca>, "'Dave Blake'" <dblake@town.stmarys.on.ca>, "'Rolanda Elijah'" <relijah@cottfn.com>
Date: 01/20/2014 10:58 AM
Subject: RE: Proposed TOR - File No.300032339.0000

Hello, Jamie

I have had an opportunity to review the TOR and understand that it was submitted in order to maintain a tight timeline. I would like to sit down with you both yourself and Mr. Blake, in order to begin the process of relationship building with Chippewas of the Thames First Nation.

Could you please advise me of your availability over the next two weeks ? I appreciate your time.

Thank you and have a good day,
Mary

Mary Alikakos
Senior Environment Officer,
Treaty, Lands & Environment
Chippewas of the Thames First Nation
T. 519-289-2662 ext.212
F. 519-289-3117

Please consider the environment before printing this email.

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: Friday, December 20, 2013 10:14 AM
To: malikakos@cottfn.com
Cc: Wright, Wesley (ENE); Dave Blake; Debanjan Mookerjea; Andrew Evans
Subject: Fw: Proposed TOR - File No.300032339.0000

Ms. Alikakos,

The Ministry of Environment has forwarded your email dated December 17, 2013 indicating you are planning to provide comments during the week of January 20th, 2014. While the Town of St. Marys needs to submit the Terms of Reference (ToR) before this date in order to maintain a very tight schedule, we look forward to receiving your comments and engaging with the Chippewas of the Thames First Nation throughout the EA process to help guide the undertaking. Your pending comments will be considered at the outset of the EA to ensure they are addressed in the EA process. The proposed Terms of Reference includes a frequent consultation program that will be flexible by allowing response to new issues that emerge as the EA proceeds.

Please submit any comments you may have on the revised ToR, by mail, fax, email or telephone to (either):

Dave Blake, C.E.T. The Corporation of the Town of St. Marys 408 James Street South, P.O. Box 998 St. Marys, ON N4X 1B6 Phone: 519-284-2340 Ext. 209 Fax: Fax: 519-284-0902 Email: dblake@town.stmarys.on.ca	James Hollingsworth R.J. Burnside & Associates Limited 1465 Pickering Parkway, Suite 200 Pickering ON L1V 7G7 Phone: 905-420-5777 Ext. 803 Fax: 905-420-5247 Email: St.Marys.Waste.EA@RJBurnside.com

We look forward to connecting with you further throughout this endeavour.

Best Regards,
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: 905.420.5777 ext. 803
fax: 905.420.5247
www.rjburnside.com

**** 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.

****

----- Forwarded by Jamie Hollingsworth/RJB on 12/20/2013 10:08 AM -----

From: Jamie Hollingsworth/RJB
To: malikakos@cottfn.com,
Cc: "Dave Blake" <dblake@town.stmarys.on.ca>, Andrew Evans/RJB@RJB, Debanjan Mookerjea/RJB@RJB
Date: 12/18/2013 01:16 PM
Subject: Fw: Proposed TOR - File No.300032339.0000

Ms. Alikakos;

Per my voice mail message this afternoon, Burnside is working for the Town of St. Marys on their Future Solid Waste Disposal Needs Environmental Assessment. I am hoping to speak to you briefly, preferably today, regarding the anticipated scope of comments that you hope to provide on the Proposed Terms of Reference for this EA.

For your convenience, my contact details are provided in my signature below.

I look forward to hearing from you soon.

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: 905.420.5777 ext. 803
fax: 905.420.5247
www.rjburnside.com

----- Forwarded by Jamie Hollingsworth/RJB on 12/18/2013 01:08 PM -----

From: "Wright, Wesley (ENE)" <Wesley.Wright@ontario.ca>
To: "jamie.hollingsworth@rjburnside.com" <jamie.hollingsworth@rjburnside.com>, "Debanjan.Mookerjea@rjburnside.com" <Debanjan.Mookerjea@rjburnside.com>, "Dave Blake (dblake@town.stmarys.on.ca)" <dblake@town.stmarys.on.ca>,
Date: 12/18/2013 12:08 PM
Subject: FW: Proprosed TOR - FIle No.300032339.0000

Sorry – I thought you were cc'd on the email (since your notice/cover letter should have indicated this, but I then realized that her email was in response to MOE's follow up, not Burnside's). I am forwarding Ms. Alikakos's email to you now…

Thanks,

Wesley

Please consider the environment before printing this email.

From: Mary Alikakos [mailto:malikakos@cottfn.com]
Sent: December 17, 2013 10:14 AM
To: Wright, Wesley (ENE)
Cc: 'Rolanda Elijah'; fburch@cottfn.com
Subject: Proprosed TOR - FIle No.300032339.0000

Hi, Welsey

I spoke to Sarah Edmunds this morning regarding comment submission on the above -noted file. Please note that

our office is unable to respond by the proposed deadline, due in part to the many proposed projects in Chippewas of the Thames treaty and traditional territory. I respectfully request that you accept our comments during the week of January 20th, 2014.

I look forward to your response.

Thank you and have a good day,
Mary

Mary Alikakos
Senior Environment Officer,
Treaty, Lands & Environment
Chippewas of the Thames First Nation
T. 519-289-2662 ext.212
F. 519-289-3117

Please consider the environment before printing this email.

VIA MAIL October 20, 2015

Mr. Lonny Bomberry, Director
Six Nations Lands and Resources
Six Nations of the Grand River
1695 Chiefswood Rd.
P.O. Box #5000
Ohsweken Ontario, N0A 1MO

Dear: Mr. Bomberry

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT PROCESS PARTICIPATION

Thank you for your response to the Town's Environmental Assessment (EA) process participation letter, dated August 20, 2015. In keeping with your response letter of September 21, 2015, the Town of St. Marys and our consultants, R.J. Burnside & Associates Limited, will keep you informed as our EA work advances. This will include our Archaeological and Cultural Heritage Work Plan reporting (as requested in your letter) as well as other reports and opportunities for feedback.

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

Sincerely,
TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

_____
Dave Blake, C.E.T.
Environmental Coordinator

cc: James Hollingsworth, R.J. Burnside & Associates Limited (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 the Town of St. Marys.

ENVIRONMENTAL SERVICES
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • **F:** 519-284-0902 • **E:** dblake@town.stmarys.on.ca • www.townofstmarys.com

SIX NATIONS COUNCIL

September 21, 2015

Town of St. Marys
408 James Street South
P.O. Box 998
St. Marys, ON
N4X 1B6

Dear Mr. Blake,

RE: Future Solid Waste Disposal Needs Individual Environmental Assessment Review Process Participation (St. Marys Landfill)

The Six Nations of the Grand River (Six Nations) is in receipt of your letter and notice dated August 20, 2015 regarding the Environmental Assessment for the St. Marys Landfill site. The Town is proposing and prefer the expansion of the existing landfill site which is located at 1221 Water St. S. in the Town of St. Marys. Be advised, this project is within Six Nation's Treaty Lands. The above noted lands for your project are in the 1701 Fort Albany Treaty area of the Six Nations. These lands are to assure Six Nations' economic, cultural, sustenance and other rights. Additionally, these rights are affirmed and protected in Canada's Constitution.

We have reviewed your letter dated August 20, 2015 regarding the "Future Solid Waste Disposal Needs Individual Environmental Assessment (EA) Review Process Participation" and wish to advise that Six Nations does have its own consultation policy and process to which we are bound and obligated to use in discussions with any projects affecting the rights and interests of the Six Nations. Our policy, process, land rights, and interests are on the following links:

http://www.sixnations.ca/LRConsultationPolicySept2413.pdf
http://www.snfuture.com/ius/cap-flow-chart.pdf
http://www.sixnations.ca/SNGlobalSolutionsBookletFinal.pdf

The Six Nations Elected Council (SNEC), as the official governing body of the territory, on behalf of the peoples of the Six Nations of the Grand River (SNGR), has a duty to protect land, air, water and our Aboriginal economic base within the Haldimand Tract and the wider area specified by the 1701 Fort Albany/Nanfan Treaty. Therefore, Six Nations is concerned about any development relating to land, water and resources which occur throughout their treaty territory and any archeological issues associated with such development(s).

Six Nations Elected Council would like to thank you for providing the notice on the EA Review Process Participation with respect to the above noted project and for the invitation to

visit on Tuesday, June 23, 2015. At this time, we have no further comments however would appreciate the opportunity to review the archaeological work once completed. Thank you for keeping us updated on the project and should we require a meeting we will advise you.

Should you have any questions or require clarification please feel free to contact me at (519) 753-0665.

Respectfully Yours,

Lonny Bomberry, Director
Six Nations Lands and Resources

CC: Minister David Zimmer, Ontario Ministry of Aboriginal Affairs
Minister Bernard Valcourt, Aboriginal Affairs and Northern Development Canada

This letter is without prejudice to the positions that Six Nations has and may take in respect to its claims and litigation in relation to the Six Nations Tract/ Haldimand Proclamation Land and the1701 Fort Albany Treaty.

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

Martina Paznar to: wkm 07/29/2015 02:32 PM

Cc: arleenmaracle

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

150724_Montour Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

July 29, 2015

Via: Email

Chief William K. Montour
Six Nations of the Grand River
2498 Chiefswood Road,
P.O. Box 5000
Oshweken ON NOA 1MO

Dear Chief Montour:

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 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) *Notice of Public Information Center*

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.

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

Martina Paznar to: csmith 07/29/2015 02:32 PM

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

150724_Smith Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

July 29, 2015

Via: Email

Ms. Caron Smith
Six Nations of the Grand River
2498 Chiefswood Road,
P.O. Box 5000
Oshweken ON NOA 1MO

Dear Ms. Smith:

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 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) *Notice of Public Information Center*

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.

Sarah Draper

From: Avid Banihashemi
Sent: Wednesday, March 10, 2021 2:01 PM
To: chief.peters@munsee.ca
Subject: FW: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Peters,

Thank you for taking my call this afternoon. As discussed, we would greatly appreciate it if you could forward the email below to you consultation manager. I will call your consultation manager to follow up once this is forwarded.

Thank you,

Warm regards,
Avid

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:53 PM
To: chief.peters@munsee.ca
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Mark Peters,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Friday, February 26, 2021 5:13 PM
To: rjpeters@xplorenet.com
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Follow Up Flag: Follow up
Flag Status: Completed

Dear Ms. Roberta Peters,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Friday, February 26, 2021 5:11 PM
To: Jason.Henry@kettlepoint.org
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Jason Henry,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Friday, February 26, 2021 5:09 PM
To: 'chiefplain@aamjiwnaang.ca'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Chris Plain ,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 4:07 PM
To: sloft@aiai.on.ca
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. Stacey Loft,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 4:06 PM
To: jamesw@metisnation.org
Cc: consultations@metisnation.org
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. James Wagar,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 4:04 PM
To: 'shar.lan@hotmail.com'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. Sharlene Lance,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 4:01 PM
To: dean.jacobs@wifn.org
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. Dean Jacobs ,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 4:00 PM
To: charles.sampson@wifn.org
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Charles Sampson,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:59 PM
To: lbomberry@sixnations.ca
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. Lonny Bomberry,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:57 PM
To: 'markhill@sixnations.ca'
Cc: 'csmith@sixnations.ca'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Mark Hill,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:56 PM
To: 'Adrian.Chrisjohn@onieda.on.ca'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Adrian Chrisjohn,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:54 PM
To: band.manager@munsee-delware.org; drskoke@hotmail.com
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. Dan Miskokoman,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:51 PM
To: 'staceylaforme@newcreditfirstnation.com'; 'Margaret.Sault@mncfn.ca'; 'margaret.salt@newcreditfirstnation.com'
Cc: 'carolyn.king@newcreditfirstnation.com'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Stacey Laforme,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:51 PM
To: 'staceylaforme@newcreditfirstnation.com'; 'Margaret.Sault@mncfn.ca'; 'margaret.salt@newcreditfirstnation.com'
Cc: 'carolyn.king@newcreditfirstnation.com'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Stacey Laforme,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:47 PM
To: 'jocko@sixnationsns.com'
Cc: 'hdi2@bellnet.ca'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. Leroy Hill,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:44 PM
To: tnajay@xplornet.com
Cc: loganju@xplornet.com
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. Tina Jacobs ,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:42 PM
To: Denise.stonefish@delawarenation.on.ca
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Denise Stonefish,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:33 PM
To: jfrench@cottfn.com
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Jacqueline French,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:30 PM
To: 'sue.bressette@kettlepoint.org'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. K. Suzanne Bressette,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:29 PM
To: jason.henry.bressete@kettlepoint.org
Cc: Toni.george@kettlepoint.org
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Chief Jason Henry,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:27 PM
To: cultural.dev@caldwellfirstnation.ca
Cc: health@caldwellfirstnation.com
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. Carrie Anne Peters ,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Friday, February 26, 2021 5:15 PM
To: Mark.Laforme@mncfn.ca
Cc: fawn.sault@mncfn.ca
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Mr. Mark Laforme,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Sarah Draper

From: Avid Banihashemi
Sent: Monday, February 22, 2021 3:35 PM
To: 'consultation@cottfn.com'; Fallon Burch
Cc: 'malikakos@cottfn.com'; 'relijah@cottfn.com'
Subject: St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA) - reinitiating consultation

Dear Ms. Fallon Burch,

I am contacting you on behalf of the Town of St. Marys in regards to reinitiating consultation for the Future Solid Waste Disposal Needs Environmental Assessment.

The purpose of this email is to reinitiate the community consultation process for the St. Marys Future Solid Waste Disposal Needs Environmental Assessment (EA). As part of the EA, it was determined that expanding the existing St. Marys Landfill is the preferred method of future waste disposal.

We last reached out via letter in 2016, asking for your input on the draft EA and inviting you to attend a Public Information Centre detailing the project. Since our past correspondence, the Town of St. Marys and R.J. Burnside & Associates Limited (Burnside) have undergone significant efforts to update the EA Report which involved continued communication with the Ministry of the Environment, Conservation and Parks. However, there have been minimal changes required for the associated Supporting Studies Reports, which outline the impact of the expansion on the surrounding environment.

The updated draft EA Report and Subject Area Reports are available for download from the following link as of February 25, 2021:
https://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this point, we would like to re-invite you to review the reports and provide comments regarding the updated Environmental Assessment. If you require printed copies of any of the Subject Area Reports or have any questions or comments regarding the updated EA, please feel free to contact myself or Burnside's Jamie Hollingsworth (Jamie.Hollingsworth@rjburnside.com).

Thank you,

Avid Banihashemi
On behalf of Town of St. Marys Environmental Assessment Study Team

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Follow up call logs (updated 10 March 2021)
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Ms.	Sharilyn	Johnston	Environment Coordinator	Phone: 519-336-8410 Ext. 245 Left a voice msg to Sharilyn: referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Mr.	Wilson	Plain Jr.	Emergency Management Planner	Phone: 519-336-8410 Ext. 243 Left a voice msg to Wilson: referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Caldwell First Nation	Ms.	Carrie Anne	Peters	Coordinator/Language Champion	Left avoice msg to Brianna Sands (519-322-1766 x1243) Environmental & Consultation Coordinator, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns? (Email resent to: ecc@caldwellfirstnation.ca and consultation.assistant@caldwellfirstnation.ca)
	Chief	Jason	Henry	Chief	Left a voice msg to the only voice mail box that was not full (Tel: 519-786-2125). No one at the community was responding and all voice mails were full. Left a voice msg: referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Follow up call logs (updated 10 March 2021)
Chippewas of the Thames First Nation	Ms.	Fallon	Burch	Consultation Coordinator	Phone: 519-289-5555 Ext 251, left a voice msg for Fallon, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Delaware Nation (Moravian of the Thames)	Chief	Denise	Stonefish	Chief	
Delaware Nation (Moravian of the Thames)	Ms.	Roberta	Peters	Lands and Resources Consultation Assistant	Phone number: 5196924290 ext.221. left a voice msg for Roberta, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Haudenosaunee Development Institute	Mr.	Leroy	Hill	Secretary to Haudensaunee Confederacy	519-445-4222, Voicemail box full, not able to leave a message. No response.
Mississaugas of the Credit First Nation	Chief	Stacey	Laforme	Chief	Phone: 905-768-4260. left a voice msg for Consultation Dep., referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Munsee-Delaware First Nation	Chief	Mark	Peters	Chief	519-289-5396 ext.235 : No reponse Cell: 226-376-2522; Talked to Chief Peters. Resent the email to him and he is going to conncet us to the consultation manager, Stacey Philips, through forwarding the email. Another follow up call to be made to the consultation Manger once the email is forwarded.
Oneida of the Thames First Nation	Chief	Adrian	Chrisjohn	Chief	The general inqueries line suggested that we contact Martin Powless and resend the email to Martin.Powless@oneida.on.ca. Email returned again from the Chief's email box! Martin was out of office the day that the follow up call was made. To follow up the following day.

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Follow up call logs (updated 10 March 2021)
Six Nations of the Grand River, Six Nationas Lands and Resources	Mr.	Lonny	Bomberry	Director	Phone: 519-753-0665. left a voice msg for Lonny, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Walpole Island First Nation (Bkejwanong Territory)	Mr.	Dean	Jacobs	Consultation Manager	Phone: 5196271475. left a voice msg for Dean, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Windsor Essex (Kent) Metis Council		Sharlene	Lance	President	Phone: 519-974-0860. left a voice msg for Sharlene, referring to the email, and asking if they have got a chance to review the revised EA documents and if they might have any comments, questions or concerns?
Metis Nation of Ontario	Mr.	James	Wagar	Manager of Natural Resources	1-800-263-4889 See above
Association of Iroquois and Allied Indians	Ms.	Stacia	Loft	Deputy Grand Chief	Phone: 519.434.2761. Stacia to call me back. She had some questions.

ST. MARYS

VIA MAIL

June 13, 2016

Hazel E. Hill
Director
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken ON N0A 1M0

Dear Ms. Hill,

RE: APPLICATION FOR ENGAGEMENT – TOWN OF ST. MARYS
FUTURE SOLID WASTE DISPOSAL NEEDS ENVIRONMENTAL ASSESSMENT
PROJECT NO.: 300032339.0000

This letter has been drafted in response to ongoing communications between the Town of St. Marys (Town) and the Haudenosaunee Development Institute (HDI) regarding the ***Future Solid Waste Disposal Needs Environmental Assessment*** being completed by the Town and our consultants R.J. Burnside & Associates Limited (Burnside). The Town would like to thank HDI for hosting and meeting with the Town and Burnside on February 29, 2016 to discuss the ongoing Environmental Assessment.

Following the meeting on February 29, 2016, Mr. Aaron Detlor provided a summary email expressing the concerns of HDI with regards to the consultation efforts to date as well as inquiring if the Town would be providing the application fee to commence HDIs review process. The Town and our consultants have worked to ensure that consultation with interested parties has been at the forefront of the EA to date, and it is our continued position that meaningful consultation can lead to significant project improvements and outcomes.

As I am sure you can appreciate, the Town also has a duty to our residents to use our limited funds effectively, efficiently, and transparently. In keeping with our prior correspondence dated August 20, 2015, the Town remains committed to negotiating payment of reasonable costs of review based on submitted work plans from interested participants. The Town requests that HDI submit a work plan detailing where funds would be incurred in their review of this project. Once the HDI work plan is received, the Town will be pleased to work with HDI to review the request, and negotiate funding as appropriate. This includes paying reasonable costs incurred by HDI for attendance at the upcoming Public Information Centre (see attached Notice).

The Town wishes the continued involvement and input from HDI as the process continues. The Town and our consultants will continue to provide HDI with opportunities to provide comment as the Environmental Assessment moves forward.

TOWN OF ST. MARYS
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6

T: 519-284-2340 • F: 519-284-0902 • E: bkittmer@town.stmarys.on.ca • www.townofstmarys.com

We thank you for your understanding and cooperation in this matter and look forward to continuing our open dialogue with regards to this process.

Sincerely,
TOWN OF ST. MARYS

Brent Kittmer
Chief Administrative Officer / Clerk
Town of St. Marys

cc: Aaron Detlor, Haudenosaunee Development Institute
Jed Kelly, Director of Public Works – Town of St. Marys
Dave Blake, Supervisor of Environmental Services – Town of St. Marys
James Hollingsworth, R.J. Burnside & Associates Limited

TOWN OF ST. MARYS
408 JAMES STREET SOUTH, P.O. BOX 998, ST. MARYS, ON N4X 1B6
T: 519-284-2340 • F: 519-284-0902 • E: bkittmer@town.stmarys.on.ca • www.townofstmarys.com

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

June 9, 2016

Via: Mail

Ms. Hazel Hill
Interim Director, Six Nations of the Grand River Territory
Haudenosaunee Development Institute
16 Sunrise Court,Suite 407
PO Box 714
Osweken ON N0A 1M0

Dear: Ms. Hill,

Re:

Future Solid Waste Disposal Needs Individual Environmental Assessment
Town of St. Marys
Project No.:

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 currently operating under an interim Environmental Compliance Approval (ECA). 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 it was determined that expansion of the existing St. Marys Landfill is the preferred method of disposal. The Town has now completed studies related to the *Alternative Methods* for expanding the landfill.

Based on our preliminary evaluation, a combined vertical and horizontal expansion is preferred. EA studies, completed in accordance with previously presented work plans, have been undertaken to evaluate the landfill expansion design options, assist in identifying potential risks and identify mitigation strategies. These EA draft subject area reports are available on the Town's website:

http://www.townofstmarys.com/en/living-here/Landfill-Environmental-Assessment.aspx

At this stage, we invite you to review and provide comments regarding these studies and the alternative methods for undertaking the project. If you require printed copies of any of the draft subject area reports, please contact either of the team leads (next page).

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 draft subject area reports and the preferred alternative. We are inviting comments from interested members of the public, Aboriginal communities and review agencies.

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

Date:	**Thursday, June 23, 2016**
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 recommendation of the *Alternative Method* and the completed EA report will be submitted to the Ministry of the Environment and Climate Change for review. Subject to the outcome, detailed design, engineering and approvals will be completed to implement the preferred *Method*.

Should you have questions or comments regarding the project, please contact either of the team leads listed below:

Dave Blake, C.E.T.
Supervisor of Environmental Services
The Corporation of the Town of St. Marys
Tel: (519) 284-2340 x 209
Fax: (519) 284-0902
Email: dblake@town.stmarys.on.ca

James R. Hollingsworth, P.Eng.
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:cv

Enclosure(s) Notice of Public Information Centre
CD Environmental Assessment Draft Subject Area Reports

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.

From: Robert Aaron Detlor <aarondetlor@gmail.com>
Sent: Monday, February 29, 2016 11:23 AM
To: Dave Blake; Brent Kittmer
Cc: Mary Sandy; Brian Doolittle; Ms Hazel Hill
Subject: Future Solid Waste Disposal Needs Environmental Assessment 030-200-055 (Project)

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr. Kittmer:

Thank you for meeting with HDI on February 29, 2016 at our offices.

As we indicated the proposed project will impair and interfere with the treaty rights of the Haudenosaunee.

To date there has been no engagement with respect to the impairment and interference.

We have provided a process by way of the HDI application and fee to review the project to ensure that HDI consent is obtained.

We note that we have received an application but not the fee.

We look forward to hearing from St. Marys whether it will be providing the fee to commence our process.

Regards,

Aaron Detlor

Aaron Detlor
Barrister & Solicitor
16 Sunrise Court
Suite 417
P.O. Box 714
Ohsweken ON N0A 1M0

Tel:519 445-4225
Fax:519 445-2389

aarondetlor@gmail.com

From: Tracey L. General [mailto:traceyghdi@gmail.com]
Sent: Wednesday, February 17, 2016 9:39 AM
To: Dave Blake
Subject: Re: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Good Morning Dave:

Yes, the address is correct we are located in the Grand River Employment and Training building on the second floor Suite 600.

Look forward to meeting you on February 29, 2016, at 10 a.m.

Thank you!

Tracey L. General
Administrative Assistant
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken, ON

N0A 1M0

On 12-Feb-16, at 4:24 PM, Dave Blake wrote:

Good Afternoon Tracey,

We would be able to meet on February 29, 2016 @ 10:00 am.
Can you please confirm the below address is correct for the meeting?

16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken, ON
N0A 1M0

Thanks,

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

<image003.jpg>

Please consider the Environmental before printing this email.

www.townofstmarys.com

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

From: Tracey L. General [mailto:traceyghdi@gmail.com]
Sent: Thursday, February 11, 2016 3:01 PM
To: Dave Blake
Subject: Re: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Good Afternoon:

I have the following dates available for a meeting with HDI:

- Feb. 23 @ 10 a.m.
- Feb. 25 @ 10 a.m.
- Feb. 29 @ 10 a.m.
- Mar. 7 @ 10 a.m.
- Mar. 10 @ 10 a.m.

The meeting will take place in the boardroom at HDI to accommodate any Chiefs and Clanmothers that wish to attend the meeting.

Look forward to hearing from you.

Thank you!
Tracey L. General
Administrative Assistant
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken, ON
N0A 1M0

From: Dave Blake [mailto:dblake@town.stmarys.on.ca]
Sent: Tuesday, February 09, 2016 1:42 PM
To: 'hdi2@bellnet.ca'
Cc: Jamie Hollingsworth; Tricia Radburn; Jed Kelly
Subject: Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment

Good Afternoon Ms. Hill,
Please find attached for your consideration. Original Copies will be mailed.
Should there be any questions or concerns, please let me know.
Thanks, and we look forward to hearing from you.

Dave Blake, C.E.T.
Environmental Coordinator – Town of St. Marys

408 James Street South, P.O. Box 998, St. Marys, ON N4X 1B6
Phone: 519-284-2340 ext. 209 | Cell: 519-852-0502 | Fax: 519-284-0902

Please consider the Environmental before printing this email.

This communication and the accompanying document(s) are confidential and are intended for the sole use of the addressee. If you are not the intended recipient, please notify me by return email and delete this email and any copies. Thank you.

www.townofstmarys.com

VIA Email & Mail February 8, 2016

Hazel E. Hill, Director
Haudenosaunee Development Institute
16 Sunrise Court, Suite 600
P.O. Box 714
Ohsweken ON N0A 1M0

Dear Ms. Hill:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS ENVIRONMENTAL ASSESSMENT PROCESS PARTICIPATION

Thank you for your response to the Town's Environmental Assessment (EA) process participation letter, dated August 20, 2015. In keeping with your response letter of January 28, 2016, the Town of St. Marys and our consultants, R.J. Burnside & Associates Limited (Burnside), are available to meet with you to discuss the Town's Environmental Assessment Process, including the current status of the Archaeological and Cultural Heritage Work Plan reporting. We currently have the following dates available:

- February 23, 25, 26 and 29th, 2016
- March 4, 7, 8, 9 and 10th, 2016

We would appreciate an early response from Haudenosaunee Development Institute as other projects may affect our availability.

The Town, as well as our consulting engineer (Burnside) apologizes for how we addressed Haudenosaunee Community in our prior correspondence. We meant no offence and to avoid future issues we would like to discuss the appropriate language as part of our meeting.

Please contact me regarding what date which best meets your schedule.
Yours truly,

THE TOWN OF ST. MARYS – ENVIRONMENTAL SERVICES

_____

Dave Blake, C.E.T.
Environmental Coordinator

cc: James Hollingsworth, R.J. Burnside & Associates Limited (Via: Email)

Haudenosaunee Development Institute

January 28, 2016

Dave Blake, C.E.T.
The Corporation of the Town of St. Mary's
408 James Street South
P.O. Box 998
St. Mary's, ON
N4X 1B6

Dear Mr. Blake:

RE: Town of St. Mary's Future Solid Waste Disposal Needs Environmental Assessment
Our File No.: 030-200-055

Can you advise on your availability for a meeting to discuss moving forward on the future solid waste disposal needs environmental assessment.

We can advise that the Haudenosaunee are not 'First Nations' or 'Aboriginals'. Referring to the Haudenosaunee on this manner makes a number of assumptions that many would consider racist.

We look forward to hearing from you at your earliest convenience.

Yours truly,

Hazel E. Hill
Director

Six Nations of the Grand River Territory • Suite 600 - 16 Sunrise Court • P.O. Box 714 • Ohsweken, Ontario N0A 1M0
Telephone • 519.445.4222 Facsimile • 519.445.2389 • hdi2@bellnet.ca

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;

Six Nations of the Grand River Territory • Suite 600 - 16 Sunrise Court • P.O. Box 714 • Ohsweken, Ontario N0A 1M0
Telephone • 519.445.4222 Facsimile • 519.445.2389 • hdi2@bellnet.ca

- 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___.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix I
Consultation with Utilities/Services

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

Martina Paznar to: jenny.kendrick 07/29/2015 02:21 PM

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

150724_Kendrick Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1466 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

July 29, 2015

Via: Email

Ms. Jenny Kendrick
Implementation Manager
Bell Canada
100 Dundas Street
4th Floor
London ON N6A 5B6

Dear Ms. Kendrick:

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 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) *Notice of Public Information Center*

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.

150724_Agency Letter RE Notice of PIC and draft work plans.docx
29/07/2015 10:29 AM

Fw: Scanned from a Xerox Multifunction Device

Jamie Hollingsworth to: Ashley Gallaugher 02/13/2015 02:06 PM

----- Forwarded by Jamie Hollingsworth/RJB on 02/13/2015 02:06 PM -----

From: "Kendrick, Jenny (P005918)" <jenny.kendrick@bell.ca>
To: "ST.MARYS.WASTE.EA@RJBURNSIDE.COM" <ST.MARYS.WASTE.EA@RJBURNSIDE.COM>,
Date: 02/13/2015 02:03 PM
Subject: FW: Scanned from a Xerox Multifunction Device

Hi James,

Please find attached the response form as requested.

Thank you,
Jenny

Implementation Manager
Bell Canada
100 Dundas St, 4th Floor
London, ON N6A 5B6
Phone: (519) 663-6105

Embro, Ingersoll, Kintore, London Hyde Park,
Shakespeare, St Marys, Stratford, Thamesford,
Tavistock

-----Original Message-----
From: Kendrick, Jenny (P005918)
Sent: Friday, February 13, 2015 1:58 PM
To: Kendrick, Jenny (P005918)
Subject: Scanned from a Xerox Multifunction Device

Please open the attached document. It was scanned and sent to you using a Xerox Multifunction Device.

Attachment File Type: pdf, Multi-Page

Multifunction Device Location: CANADA\ON\LONDON\100DUNDAS\04\WC7855_ONAF_04-7
Room 410
Device Name: WC7855_ONAF_04-7

For more information on Xerox products and solutions, please visit
http://www.xerox.com

Scanned from a Xerox Multifunction Device.pdf

ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

Feb 13/2015.
JK.

From: (please indicate corrections or updates)
Name: ~~Mr. John Lachapelle~~ Jenny Kendrick
Title: Implementation Manager.
Organization or Agency: Bell Canada, ~~Municipal Operations Centre~~
Address 1: ~~400 Borough Drive~~ 100 Dundas St
Address 2: ~~Floor 5 Blue~~ FLR 4Y
City, Prov. & Postal Code: ~~Scarborough ON M1P 4W2~~ London ON N6A 5B6.
Phone: (519) 663 6105
Fax: (519) 663 1133
E-Mail: jenny.kendrick@bell.ca. ☑ Prefer email communication

Area of interest or concern/preliminary comments:

Once/if any conflicts are identified please contact me.

Please check below if applicable:

☑ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

From: Jamie Hollingsworth
Sent: Wednesday, June 15, 2016 2:05 PM
To: Jones, Nick
Cc: Dave Blake; St.Marys.Waste.EA
Subject: RE: Future Solid Was Disposal Needs (Town of St Marys) - Union Gas Response ## 300032339.0000

Mr. Jones;

Thank you for your email. Regarding your questions/comments:

1. Please provide detailed drawings of your proposed expansion.

The Town's web site {link} provides all of the reports and background regarding the proposed expansion. However, I think you may be interpreting "expansion" differently than intended. To be more precise, the landfill waste footprint will be expanded within the existing landfill property. The extent of the landfill property is not changing. Figure 2 of the Socio-Economic Impact Assessment {link – see PDF page 21} shows the potential limits for the expanded waste footprint. Detailed drawings of the proposed expansion will not be prepared until after approval of the Environmental Assessment is completed. The current preferred *Alternative Method* of expansion is Method 3. Other maps are also available within several of the draft reports provided on the Town's web site. For example, Figure 3 of the draft Noise assessment {link - PDF page 45} shows a larger area surrounding the site.

2. Will there be new access roads and new vehicle loads?

The EA is not considering any new site access roads and we are not anticipating any new vehicle loads.

3. What solid waste is currently being disposed at this location?

Landfill disposal is restricted to non-hazardous municipal solid waste as defined in Ontario Regulation 347 under the Environmental Protection Act, that is generated within the Town of St. Marys (i.e., by residents and businesses). No change is proposed or expected as a result of the EA. The site also accepts leaf and yard waste from Town residents and businesses, which is composted on site. There is also a public drop-off area that accepts blue box materials, waste electrical and electronics equipment (WEEE) and Municipal Hazardous and Special Waste (MHSW) generated within the Town of St. Marys. Residents of the Township of Perth South are allowed to use the WEEE and MHSW depot at the site.

A list of the actual materials being disposed in the landfill would be extensive and would invariably miss some items. In very general terms though most of the waste being landfilled would be similar in nature to the wastes people generate in their homes. There is also a significant quantity of industrial, commercial and institutional waste which varies based on the generator. Things like packaging materials, construction and demolition waste, and kitchen organics would be common. We are not anticipating any changes to disposal materials as a result of the EA currently underway.

4. When you have more detailed plans of construction please send them so that we can review and provide comments.

The EA Study Team will keep Union Gas Limited on the stakeholder consultation list. Future notifications, such as the availability of the draft EA Report for review and then notice that the (final) EA Report has been submitted to the Ministry of the Environment and Climate Change, will be directed to your attention.

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

Regards,
Jamie

JAMES R. HOLLINGSWORTH, P.ENG.
R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Jones, Nick [mailto:NJones@uniongas.com]
Sent: Wednesday, June 15, 2016 9:19 AM
To: Dave Blake; St.Marys.Waste.EA
Subject: Future Solid Was Disposal Needs (Town of St Marys) - Union Gas Response ##300032339.0000

Good afternoon,

I've had a chance to review the notice you provided. My response is the same as my response from summer 2015 (attached) – please be aware that Union Gas has interests in the area. 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? When you have more detailed plans of construction please send them so that we can review and provide comments.

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

**** 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

****

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

BURNSIDE

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

From: Jones, Nick <NJones@uniongas.com>
Sent: Thursday, August 13, 2015 5:03 PM
To: Jamie Hollingsworth
Cc: Dave Blake; Martina Paznar
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
e 9 649 060 | Ce 90 906 9 11

RE: Town of St. Marys Future Solid Waste Disposal Needs EA

Jamie Hollingsworth to: joan.zhao 03/31/2015 05:25 PM

Cc: Brian.Mccormick, dblake, "Chad Papple", Debanjan Mookerjea, Tricia Radburn, Martina Paznar

Joan;

Thank you for your email comments.

Several of your comments relate to the "Hydro One corridor". Burnside has Ontario Base Mapping and Google Earth information regarding your corridor and power lines to the cement plant - see the attached drawing. It is important to note that these power lines do not cross the Town's property. Should landfill expansion proceed, we anticipate the expanded facility and all associated works, including site drainage, would be entirely within the Town's property. Regardless, if the Hydro One records show anything different or provide additional details for the power lines, please provide your CAD data so that we can incorporate it into our mapping data.

I note too that your fifth bullet could be interpreted a couple of ways. The Town is unaware of any previous cement plant (or other) electrical power outages caused by blown litter from the Town's existing landfill site. However, I presume your intention with this comment is to highlight the possibility that blown litter might cause a future power interruption. Burnside will consider this in our EA and subsequent work. I note too that the Town has an existing litter control program for the landfill site, including catchment fences and clean-up efforts. We anticipate this program would continue if the landfill expands.

Again, thank you for your comments. I look forward to working with you and Brian as the St. Marys Waste EA proceeds.

Take Care,
Jamie

BURNSIDE

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

032339 (ST MARY'S) HYDRO ONE LOCATION.pdf

Hi Jamie, This is further to our telephone conver... 03/31/2015 10:36:04 AM

From: <joan.zhao@HydroOne.com>
To: <Jamie.Hollingsworth@rjburnside.com>
Cc: <Brian.Mccormick@HydroOne.com>, <dblake@town.stmarys.on.ca>
Date: 03/31/2015 10:36 AM
Subject: RE: Town of St. Marys Future Solid Waste Disposal Needs Class EA

Hi Jamie,
This is further to our telephone conversation earlier this month. I just received feedbacks from Hydro One's stakeholders.
Below are Hydro One's preliminary comments on the EA study pertaining to Town of St. Marys Future Solid Waste Disposal.

Drainage

- The proponent must ensure the proposed works do not interfere with the natural drainage patterns along this stretch of the Hydro One corridor and does not result in standing water within 15.0 meters of the existing Hydro One structure bases or anywhere else on the corridor.
- The proponent must ensure the proposed solid waste disposal site will not direct any surface runoff into the hydro corridor.

Access

- Access to Hydro One facilities must not be obstructed, at any time, during construction or after the facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.

Clearance around Hydro One Structures

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. No storage or staging activities should occur within this area during construction.
- There is a concern when garbage blow off the dump and into the transmission wires, causing some unnecessary outages at the cement plant. We recommend that the proponent make sure to have some sort of barrier to catch debris before it goes into the transmission line.

Detailed Drawings

- Detailed drawings must be submitted to Hydro One for final review to ensure that the proposed solid waste disposal site will not affect Hydro One structures. The proponent should indicate the depth of the excavation, horizontal clearance between the site and the hydro corridor on the drawings.

Environmental impact

- Please circulate this proposal to our Environmental group (attention: Brian McCormick, Brian.Mccormick@HydroOne.com, Tel: 416-345-6597) to ensure the proposed solid waste disposal site is acceptable from an environmental perspective.

Going forward, we would appreciate you keep Hydro One on your circulation list by sending the proposal update to Brian McCormick. Should you have questions, please give me a call

@905-946-6230.

Sincerely,
Joan

Joan Zhao SR/WA
Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
T: (905) 946-6230|F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com
This e-mail message is intended only for the addressee. It contains privileged and/or confidential information. Any unauthorized copying, use or disclosure is strictly prohibited. If this message has been sent to you in error, please notify the sender immediately and delete it without reading, copying or forwarding to anyone. Thank you.

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: Monday, March 02, 2015 4:46 PM
To: ZHAO Joan
Subject: Re: Town of St. Marys Future Solid Waste Disposal Needs Class EA

Joan;

Attached is a copy of the file that was mailed to you. The map of the site area is provided on page 3. I trust you received it. It is the same map (there may be some very minor differences) as was sent to you in 2013. If you need a larger scale map, I will see about having something prepared.

Other people at Hydro One that received the file (similar to your own), were:

Mr. Walter Kloostra
Manager, Transmission Lines Sustainment Investment Planning
Hydro One Networks Inc.

Mr. Tony Ierullo
Manager
Hydro One Inc.

Regarding ownership of lands in the "Study Area Vicinity" (a one kilometre offset from the Town's landfill property lines), Burnside has obtained property owner information from the Town of St. Marys and the Township of Perth South. St. Marys Cement is a significant land owner in the area, but there are many other land owners as well.

As requested, I will call you shortly to discuss the EA work program.

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

**** 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.

****

From: <joan.zhao@HydroOne.com>
To: <Jamie.Hollingsworth@rjburnside.com>
Date: 03/02/2015 03:30 PM
Subject: Town of St. Marys Future Solid Waste Disposal Needs Class EA

Hi Jamie,

Please scan and forward a site location/study area map, as there is no diagram attached to your letter of Feb 9, 2015. I recalled you forwarded a diagram back in 2013. Is it the same map you intended to include this year? From our searches in 2013, per Teranet, the subject Lands are owned by St. Marys Cement Corporation, as known to us as St. Marys Cement CTS per our mapping.

In addition, due to limited information available to us, we would need extra time to review this case. March 13, 2015 seems a bit tight. I will forward Hydro One's comments as soon as hear back from them. Below is my contact info.

Give me a call when you get a chance.

Thanks,

Joan Zhao SR/WA
Sr. Real Estate Coordinator
Facilities & Real Estate
Hydro One Networks Inc.
T: (905) 946-6230|F: (905) 946-6242
P.O. Box 4300 | Markham ON | L3R 5Z5
Courier: 185 Clegg Road | Markham ON | L6G 1B7
joan.zhao@hydroone.com
This e-mail message is intended only for the addressee. It contains privileged and/or confidential information. Any unauthorized copying, use or disclosure is strictly prohibited. If this message has been sent to you in error, please notify the sender immediately and delete it without reading, copying or forwarding to anyone. Thank you.

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email.

Supplement I

LEGEND

- LANDFILL BOUNDARY
- 1KM BUFFER FROM LANDFILL BOUNDARY
- OVERHEAD POWER TRANSMISSION LINE
- OVERHEAD POWERLINE OBSERVED FROM GOOGLE EARTH

Sources:

1. Ministry of Natural Resources, © Queen's Printer for Ontario
2. Natural Resources Canada © Her Majesty the Queen in Right of Canada.

N

0 100 200 300 400 500 600 700 800 900

Metres

BURNSIDE

Client

TOWN OF ST. MARY'S

ST. MARY'S, ONTARIO

Figure Title

LOCATION OF OVERHEAD POWER LINES

Drawn	Checked	Date	Figure No.
S.K.	J.H.	March 2015	1
Scale		Project No.	
1:12,000		300032339	Page 17 of 41

File Path: H:\Project\300032339 (St. Marys)\Map\Hydro One Location.mxd Print Date: 2015/03/31 Time: 04:22 PM

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

Martina Paznar to: susan.rapin 07/29/2015 02:15 PM

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

150724_Rapin Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[The Difference is our People]

July 29, 2015

Via: Email

Ms. Susan Rapin
Director, Environment Services
Ontario Power Generation
700 University Avenue
Toronto ON M5G 1X6

Dear Ms. Rapin:

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 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) *Notice of Public Information Center*

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.

150724_Agency Letter RE Notice of PIC and draft work plans.docx
29/07/2015 10:29 AM

St. Marys Environmental Assessment Study
Doug Eckel
to:
St.Marys.Waste.EA
02/23/2015 12:21 PM
Hide Details
From: "Doug Eckel" <deckel@festivalhydro.com>
To: <St.Marys.Waste.EA@rjburnside.com>,

1 Attachment

Response Form.pdf

Hi James

In regards to the environmental assessment study being done for the Town of St. Marys please note the attached response form.

Regards,

Doug Eckel
Engineering Manager
Festival Hydro
Phone (519) 271-4703 Ext. 246
Cell (519) 272-3377
Fax (519) 271-7204

ST. MARYS

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)

Name: ~~Ms. Kathy Pearson~~ DOUG ECKEL
Title: Engineering MANAGER
Organization or Agency: Festival Hydro
Address 1: Head Office Attention:Kathy Pearson
Address 2: P.O. Box 397
City, Prov. & Postal Code: Stratford ON N5A 6T5
Phone: 519-271-4703
Fax: 519-271-7204
E-Mail: ☐ Prefer email communication

Area of interest or concern/preliminary comments:

Please check below if applicable:

☐ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☒ Please ***remove*** my organization/agency from Study Mailing List.

From: Chris Pincombe <Chris.Pincombe@enbridge.com>
To: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>
Cc: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>, "Eastern Region Crossing" <est.reg.crossing@enbridge.com>
Date: 08/07/2015 11:07 AM
Subject: RE: Enbridge Pipelines Inc. Comments re: Future solid waste disposal neds individual EA - Project No. 300032339.0000

Jamie,

Yes, please do.

Thanks,

Chris Pincombe C.E.T.
Lands & ROW Administrator, Eastern Region
—
enbridge.com
Integrity. Safety. Respect.

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: August-07-15 11:01 AM
To: Chris Pincombe
Cc: dblake@town.stmarys.on.ca; Eastern Region Crossing
Subject: Re: Enbridge Pipelines Inc. Comments re: Future solid waste disposal neds individual EA - Project No. 300032339.0000

Chris;

Given that Enbridge has no facilities within the Study Area Vicinity (i.e., within 1km of the St. Marys Landfill property), can we remove you (Enbridge Pipelines Inc.) from our notification/consultation mailing list?

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

**** 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.

****

From: Chris Pincombe <Chris.Pincombe@enbridge.com>
To: "dblake@town.stmarys.on.ca" <dblake@town.stmarys.on.ca>, "st.marys.waste.EA@rjburnside.com" <st.marys.waste.EA@rjburnside.com>
Cc: Eastern Region Crossing <est.reg.crossing@enbridge.com>
Date: 08/07/2015 10:04 AM
Subject: Enbridge Pipelines Inc. Comments re: Future solid waste disposal neds individual EA - Project No. 300032339.0000

Attn.: Dave/James,

For your records, Enbridge Pipelines Inc. has reviewed the subject application and does not have any comments or concerns as we do not have any facilities within the area.

For future correspondence, please note our new address below.

Regards,

Chris Pincombe C.E.T.

Lands & ROW Administrator, Eastern Region

ENBRIDGE PIPELINES INC.
TEL: 519-333-6753 | FAX: 519-339-0510

Western Research Park

1086 Modeland Road, Bldg. 1050 1st Floor, Sarnia, ON, N7S 6L2

enbridge.com

Integrity. Safety. Respect.

From: Utility Circulations [mailto:Utility.Circulations@mtsallstream.com]
Sent: Friday, June 17, 2016 10:57 AM
To: Jamie Hollingsworth
Subject: RE: Town of St Marys Waste Disposal EA Notice of Public Information Centre

Thank you for your email. It is being processed and an answer will be returned within 15 business days.

Please note that Allstream is now called Zayo and all submissions in the future should be sent to Utility.Circulations@Zayo.com. Thank you.

Utility Circulations

From: Jamie Hollingsworth
Sent: Friday, June 17, 2016 11:10 AM
To: Utility Circulations
Cc: 'Dave Blake (dblake@town.stmarys.on.ca)'; Tammy Wheeldon
Subject: RE: Town of St Marys Waste Disposal EA Notice of Public Information Centre

Ian,

Yes, I intended that the we (the Town/Burnside) would only stop sending notices related to the *St. Marys Future Solid Waste Disposal Needs Environmental Assessment*. I can also confirm that this EA is proposing to expand the waste footprint area within the existing boundary of the St. Marys Landfill property.

Have a great weekend,
Jamie

From: Utility Circulations [mailto:Utility.Circulations@mtsallstream.com]
Sent: Friday, June 17, 2016 11:03 AM
To: Jamie Hollingsworth
Cc: 'Dave Blake (dblake@town.stmarys.on.ca)'; Tammy Wheeldon
Subject: RE: Town of St Marys Waste Disposal EA Notice of Public Information Centre

For this particular project only?

So long as the extents of the area are unchanged you don't need to keep emailing us. If they grow, please do – we have facilities along the CN railway. Thanks Jamie.

Ian

From: Jamie Hollingsworth [mailto:Jamie.Hollingsworth@rjburnside.com]
Sent: Friday, June 17, 2016 10:57 AM
To: Utility Circulations <Utility.Circulations@mtsallstream.com>
Cc: Dave Blake (dblake@town.stmarys.on.ca) <dblake@town.stmarys.on.ca>; Tammy Wheeldon <Tammy.Wheeldon@rjburnside.com>
Subject: RE: Town of St Marys Waste Disposal EA Notice of Public Information Centre

Mr. Fleming;

As you indicate no existing plant in the area of the St. Marys Landfill, is it acceptable to remove Allstream from our notification and consultation mailing list?

Take Care,
Jamie

BURNSIDE

CANADIAN CONSULTING ENGINEERING AWARDS 2015 AWARD OF EXCELLENCE

JAMES R. HOLLINGSWORTH, P.ENG.

R.J. BURNSIDE & ASSOCIATES LIMITED
1465 Pickering Parkway, Suite 200
Pickering, Ontario, Canada L1V 7G7
Phone 289-545-1051
www.rjburnside.com

From: Utility Circulations [mailto:Utility.Circulations@mtsallstream.com]
Sent: Wednesday, June 15, 2016 2:11 PM
To: Carol Vallie
Subject: RE: Town of St Marys Waste Disposal EA Notice of Public Information Centre

Good Afternoon,

Allstream has no existing plant in the area indicated in your submission. No markup and no objection. Thank you.

Ian Fleming
Utility Circulations

From: Carol Vallie [mailto:Carol.Vallie@rjburnside.com]
Sent: Friday, June 10, 2016 4:57 PM
To: Jamie Hollingsworth <Jamie.Hollingsworth@rjburnside.com>
Subject: Town of St Marys Waste Disposal EA Notice of Public Information Centre

Attached, please find a letter with a copy of the PIC Notice.

If you have any concerns, comments or questions, please don't hesitate to contact either Project Team members noted on the PIC #2 Notice.

Thank you.

**** 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

****

RE: Town of St. Marys Future Solid Waste Disposal Needs Environmental Assessment - Notice of Public Information Centre
Utility Circulations
to:
'Martina Paznar'
07/30/2015 10:54 AM
Hide Details
From: Utility Circulations <Utility.Circulations@mtsallstream.com>
To: 'Martina Paznar' <Martina.Paznar@rjburnside.com>,

Good Morning,

Allstream has no existing plant in the area indicated in your submission. No markup and no objection. Thank you.

Ian Fleming
Utility Circulations

From: Martina Paznar [mailto:Martina.Paznar@rjburnside.com]
Sent: Wednesday, July 29, 2015 2:22 PM
To: Utility Circulations <Utility.Circulations@mtsallstream.com>
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.

****

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

July 29, 2015

Via: Email

Sir / Madam
MTS - Allstream
50 Worcester Road
Etobicoke ON M9W 5X2

Dear Sir / Madam:

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 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) *Notice of Public Information Center*

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.

150724_Agency Letter RE Notice of PIC and draft work plans.docx
29/07/2015 10:29 AM

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

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, OntarioN5A 1L4
519 271 7600 ext 254
dtaylor@pdhu.on.ca

This e-mail may contain privileged and confidential information intended only for the individual or entity named in the message. If the reader of this message is not the intended recipient, or the agent responsible to deliver it to the intended recipient, you are hereby notified that any review, dissemination, distribution or copying of this communication is prohibited. If this communication was received in error, please notify us by reply e-mail and delete the original message.

Please note, email correspondence is not secure. In alignment with the Personal Health Information Protection Act and Perth District Health Unit (PDHU) policy, PDHU will not use email as a method to share personal health information external to our organization, without consent. If you wish to send information to PDHU that is of a private and personal nature, you may not wish to use this means of communication. Instead, you can contact PDHU at 519-271-7600 or toll-free at 1-877-271-7348.

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

Martina Paznar to: mklassen 07/29/2015 02:31 PM
Cc: dtaylor

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

150724_Klassen Letter RE Notice of PIC.pdf

R.J. Burnside & Associates Limited 1465 Pickering Parkway Suite 200 Pickering ON L1V 7G7 CANADA
telephone (905) 420-5777 **fax** (905) 420-5247 **web** www.rjburnside.com

BURNSIDE
[THE DIFFERENCE IS OUR PEOPLE]

July 29, 2015

Via: Email

Dr. Miriam Klassen
Medical Officer of Health & Chief Executive Officer
Perth District Health Unit
653 West Gore Street
Stratford ON N5A 1L4

Dear Dr. Klassen:

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 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) *Notice of Public Information Center*

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.

150724_Agency Letter RE Notice of PIC and draft work plans.docx
29/07/2015 10:29 AM

Future Solid Waste Disposal Needs, Town of St. Marys - Response Form
Laura Robinson
to:
St.Marys.Waste.EA@rjburnside.com
02/26/2015 03:00 PM
Cc:
Donna Taylor
Hide Details
From: Laura Robinson <LRobinson@pdhu.on.ca>
To: "St.Marys.Waste.EA@rjburnside.com" <St.Marys.Waste.EA@rjburnside.com>,

Cc: Donna Taylor <dtaylor@pdhu.on.ca>

1 Attachment

Notice of Environmental Assessment - Response Form.pdf

Good afternoon James,

I hope you are doing well.

Please find attached the requested response form from the Perth District Health Unit regarding the Future Solid Waste Disposal Needs, Town of St. Marys.

Thank you,
Laura

Laura Robinson
Administrative Assistant
Health Protection
Perth District Health Unit
653 West Gore Street
Stratford, ON N5A 1L4
519-271-7600 ext. 280
519-271-2785 (fax)
1-877-271-7348
http://www.pdhu.on.ca
Follow us on Twitter!

consider the environment - please don't print this e-mail unless you really need to.

This e-mail may contain privileged and confidential information intended only for the individual or entity named in the message. If the reader of this message is not the intended recipient, or the agent responsible to deliver it to the intended recipient, you are hereby notified that any review, dissemination, distribution or copying of this communication is prohibited. If this communication was received in error, please notify us by reply e-mail and delete the original message.

Please note, email correspondence is not secure. In alignment with the Personal Health Information Protection Act and Perth District Health Unit (PDHU) policy, PDHU will not use email as a method to share personal health information external to our organization, without consent. If you wish to send

ST. MARYS ONTARIO CANADA

BURNSIDE

RESPONSE FORM
(Please reply by 13-Mar-2015)

Notice of Environmental Assessment Commencement
Future Solid Waste Disposal Needs Environmental Assessment
Town of St. Marys

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

From: (please indicate corrections or updates)
Name: Dr. Miriam Klassen
Title: Medical Officer of Health & Chief Executive Officer
Organization or Agency: Perth District Health Unit
Address 1: 653 West Gore Street
Address 2:
City, Prov. & Postal Code: Stratford ON N5A 1L4
Phone:
Fax: mklassen@pdhu.on.ca
E-Mail: dtaylor@pdhu.on.ca ☑ Prefer email communication

Area of Interest or concern/preliminary comments:

Although MOECC is the approving agency for landfill sites it is important that the MOH is kept abreast of the progress on this project as health units are periodically drawn into the public debates surrounding landfill sites and health concerns.

Please check below if applicable:

☐ My organization/agency ***is not interested*** in providing input regarding this Study but would like to be kept informed. Please leave me on the Study Mailing List.

☐ Please ***remove*** my organization/agency from Study Mailing List.

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix J
Consultation with Landowners/Interested Stakeholders

From: Matthew Novada [mailto:matthew.novada@vcimentos.com]
Sent: Wednesday, March 16, 2016 2:06 PM
To: Joy Rutherford
Subject: Borehole Data at Town Landfill (Historical)

Hello Joy,

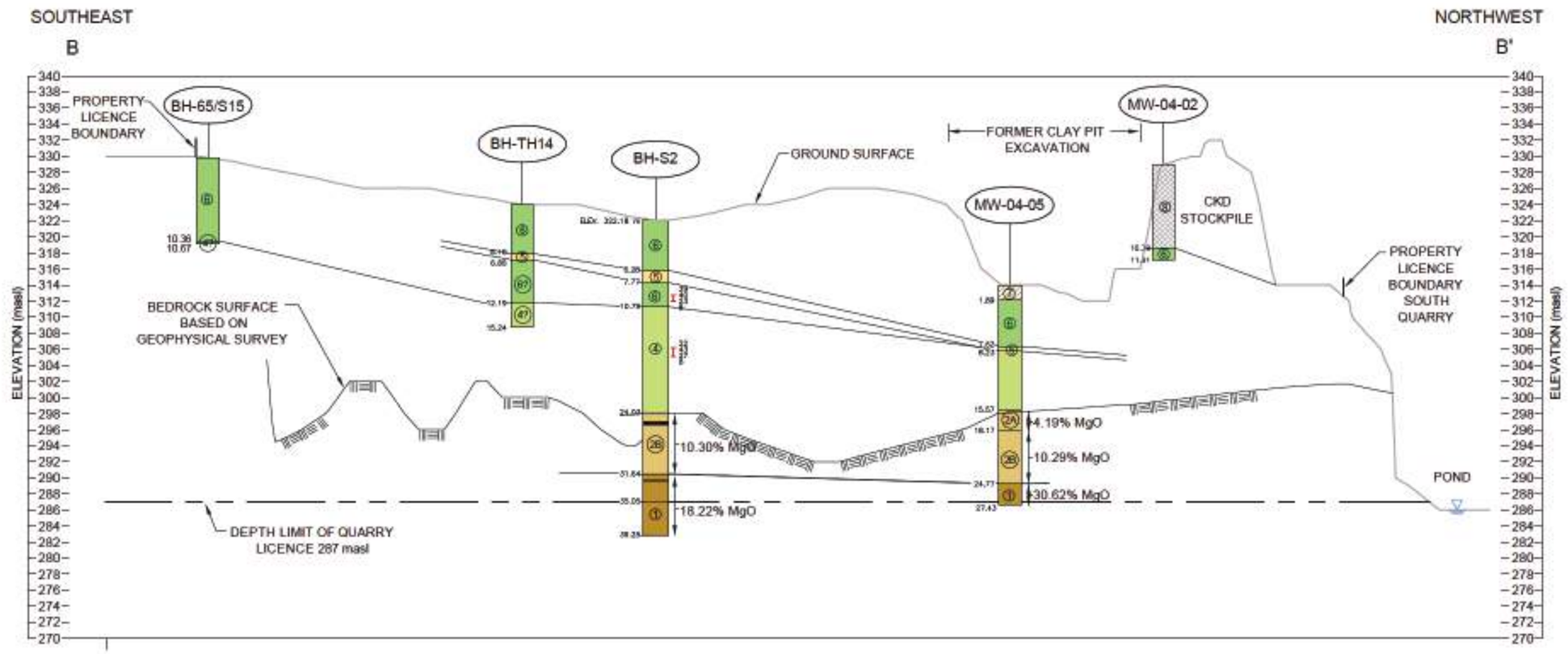
These files were just sent to me last week, referencing the "potential donation area" now owned by the Town. Perhaps it has some useful information for your groundwater work.

Thanks.

Matthew Novada
Environmental Coordinator
Votorantim Cimentos
St. Marys Cement | St. Marys Plant
matthew.novada@vcimentos.com

Phone: 519-284-1020 ext. 235
Mobile: 519-221-1849
585 Water St. S.
St. Marys, ON
N4X 1B6

www.votorantimcimentos.com
www.stmaryscement.com



STRATIGRAPHY

SURFICIAL DEPOSITS

- FILL, loose to compact, grey, silt to sand, cement kiln dust
- FILL, loose to compact, brown, silty sand to sand and gravel
- UPPER GLACIAL TILL Very stiff to hard, medium dark grey, moist, massive textured, well graded SILTY CLAY with sand and trace to some matrix support gravel and occasional cobbles of limestone, dolostone, igneous composition.
- MIDDLE GLACIOLACUSTRINE SILT Firm to compact, light grey, moist to wet, dilatent, massive textured, well graded to thinly bedded SILT and CLAYEY SILT.
- LOWER GLACIAL TILL Hard, medium brownish grey, moist to dry appearing, massive textured SILTY CLAY to CLAYEY SILT with sand and trace to some matrix supported gravel, occasional cobbles and boulders of limestone, dolostone and igneous composition. Cobbles and boulders increase to 10 to 20 percent near base of sequence.

BEDROCK DEPOSITS

- DUNDEE FORMATION LIMESTONE Fresh, weathered on open bedding partings, light creamy grey to light tan grey, very fine to fine grained, non-porous, thin to medium bedded, partly fossiliferous (rugose corals) LIMESTONE (3A) and Dolomitic Limestone(3B) Limestone tends to separate on open bedding partings.
- UPPER LUCAS FORMATION DOLOMITIC LIMESTONE Fresh, weathered on open bedding partings, light to medium tan to brownish grey, interbedded very fine to fine grained, non-porous to faintly porous, locally pitted to vuggy, thin to medium bedded, laminar textured (stromatolitic) in part and locally oolitic, weakly stylolitic, partly fossiliferous LIMESTONE(2A) and Dolomitic Limestone(2B) with dark tan sections of porous, faintly petroliferous limestone.
- LOWER LUCAS FORMATION DOLOSTONE Fresh, faintly weathered in some beds, moderately weathered on open bedding partings, light to medium tan to brownish grey, very fine to fine grained, faintly to moderately porous, thin to medium bedded, laminar textured DOLOMITIC LIMESTONE to DOLOSTONE with faintly petroliferous beds.

NOTE
FOR LOCATION OF SECTION B - B' REFER TO FIGURE 10

SCALE Horizontal 1:6000 METRES (120 0 120 240)

SCALE Vertical 1:600 METRES (12 0 12 24)

LEGEND

GRAIN SIZE CLASSIFICATION TEST INTERVAL
- 0.002 — % CLAY SIZE (<0.002mm) % SILT SIZE (0.002mm to 0.075mm (No. 200 SIEVE)) % SAND SIZE (0.075mm to 4.75mm (No. 200 to No. 4 SIEVE)) % GRAVEL SIZE (4.75mm to 26.2mm (No. 4 to 3 SIEVE))

STATIC GROUNDWATER LEVEL
BH-S1 MEASURED AUGUST 22, 2003
BH-S3 MEASURED AUGUST 18, 2003

12.49% MgO — LENGTH AVERAGED MAGNESIUM OXIDE PERCENT CONCENTRATION OF SOIL AND BEDROCK BASED ON WHOLE ROCK ANALYSES

Golder Associates
Mississauga, Ontario, Canada

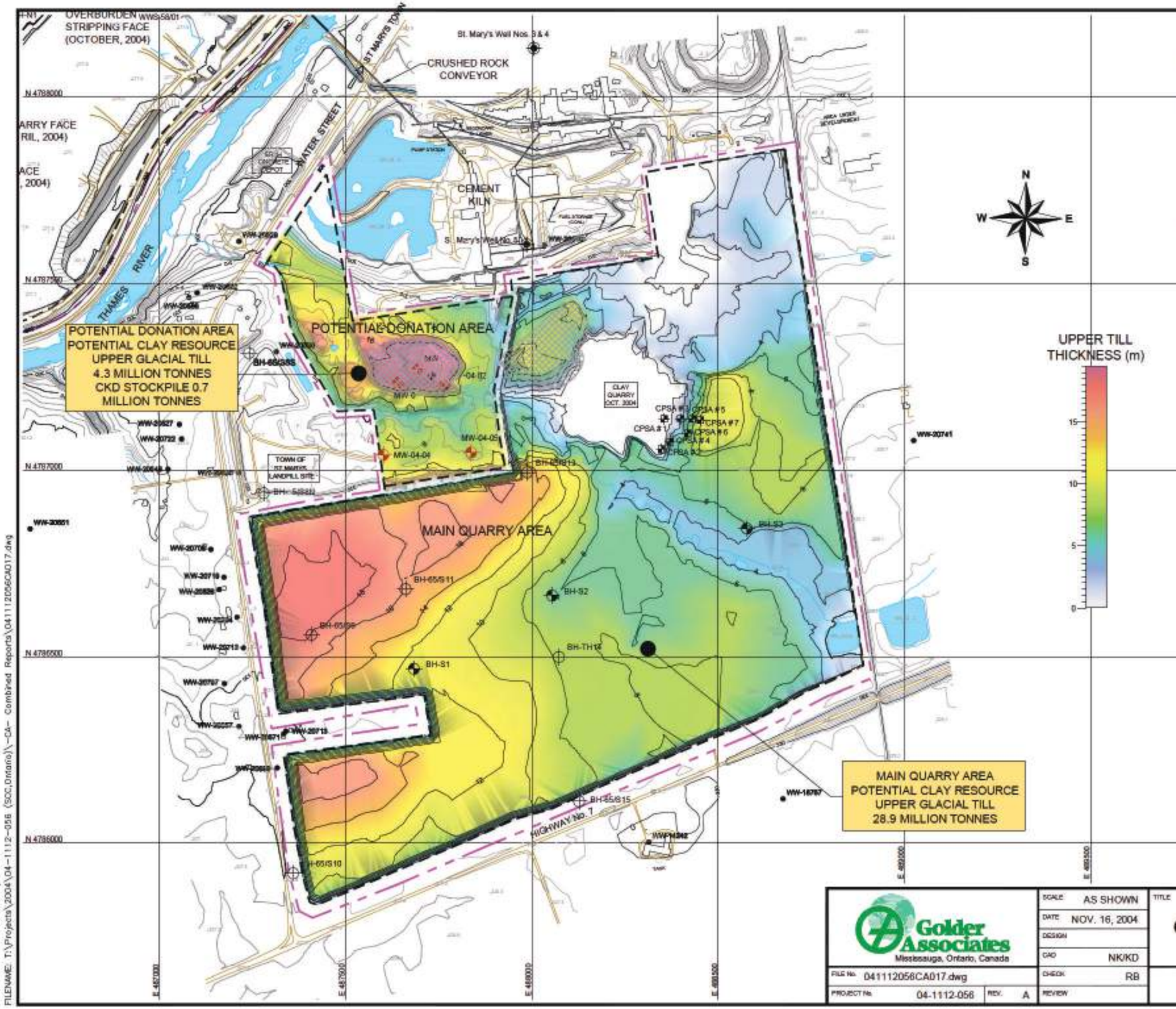
SCALE	AS SHOWN
DATE	NOV. 15, 2004
DESIGN	
CAD	KD
CHECK	RB
REVIEW	
FILE No.	041112056CA014.dwg
PROJECT No.	04-1112-056
REV.	A

TITLE
SUB-SURFACE CONDITIONS SECTION B-B' SOUTH QUARRY

ST. MARY'S CEMENT Co.

FIGURE 14

PLOT DATE: November 22, 2004
FILENAME: T:\Projects\2004\04-1112-056 (SOC,Ontario)\-CA- Combined Reports\041112056CA014.dwg



LEGEND

- QUARRY LICENCE BOUNDARY
- QUARRY EXCAVATION SETBACK
- MW-04-04 — BOREHOLE LOCATION FROM CURRENT INVESTIGATION FOR LANDFILL AREA, REPORT GOLDER NO. 04-1112-047
- CPSA # 3 — TEST PITS LOCATION FROM CURRENT INVESTIGATION, 2004
- BH-S1 — BOREHOLE LOCATION DRILLED BY GOLDER, 2000
- WW-2D618 — WATER WELL SUPPLY LOCATION - MINISTRY OF ENVIRONMENT (MOE) WWIS DATABASE
- BH-65/S8 — BOREHOLE LOCATION - DRILLED BY ST. MARY'S CEMENT, 1965
- MUNICIPAL / INDUSTRIAL WATER SUPPLY WELLS
- CKD STOCKPILE

NOTES

1. THIS FIGURE IS TO BE READ IN CONJUCTION WITH THE ATTACHED REPORT.
2. THE CURRENT EXCAVATION FACE AT THE QUARRY WAS SURVEYED BY AGM SURVEYING AND ENGINEERING, DRAWING No. SM 0412T1.dwg (OCTOBER, 2004).
3. THE TEST PITS WERE SURVEYED BY AGM SURVEYING AND ENGINEERING BY REPORT No. SM-CEM-34 (SEPTEMBER, 2004).
4. LOCATIONS OF 1958, 1965 AND 1974 BOREHOLES AND MOE WELLS ARE APPROXIMATE ONLY.
5. TONNAGE ESTIMATES BASED ON VOLUMES WITH BULK DENSITY OF 2.0 T/m³ FOR SOIL.

REFERENCE

BASE MAP FROM ST. MARYS CEMENT INC. TOPOGRAPHIC SURVEY UPDATED SEPTEMBER 2004, DRAWING No. MP 001 V.01 (3D CONTOURS), UMT NAD83.

OCTOBER 2004 SURVEY OF THOMAS ST. QUARRY FACE AND OVERBURDEN STRIPPING FACE AND SOUTH QUARRY CLAY PIT OBTAINED FROM AGM, FILE NAME SM0412T1.DWG, DATED OCT. 7, 2004, SCALE 1:2000.

200 0 200 400
SCALE 1:10000 METRES

Golder Associates
Mississauga, Ontario, Canada

SCALE	AS SHOWN
DATE	NOV. 16, 2004
DESIGN	
CAD	NK/KD
CHECK	RB
REVIEW	
FILE No.	041112056CA017.dwg
PROJECT No.	04-1112-056
REV.	A

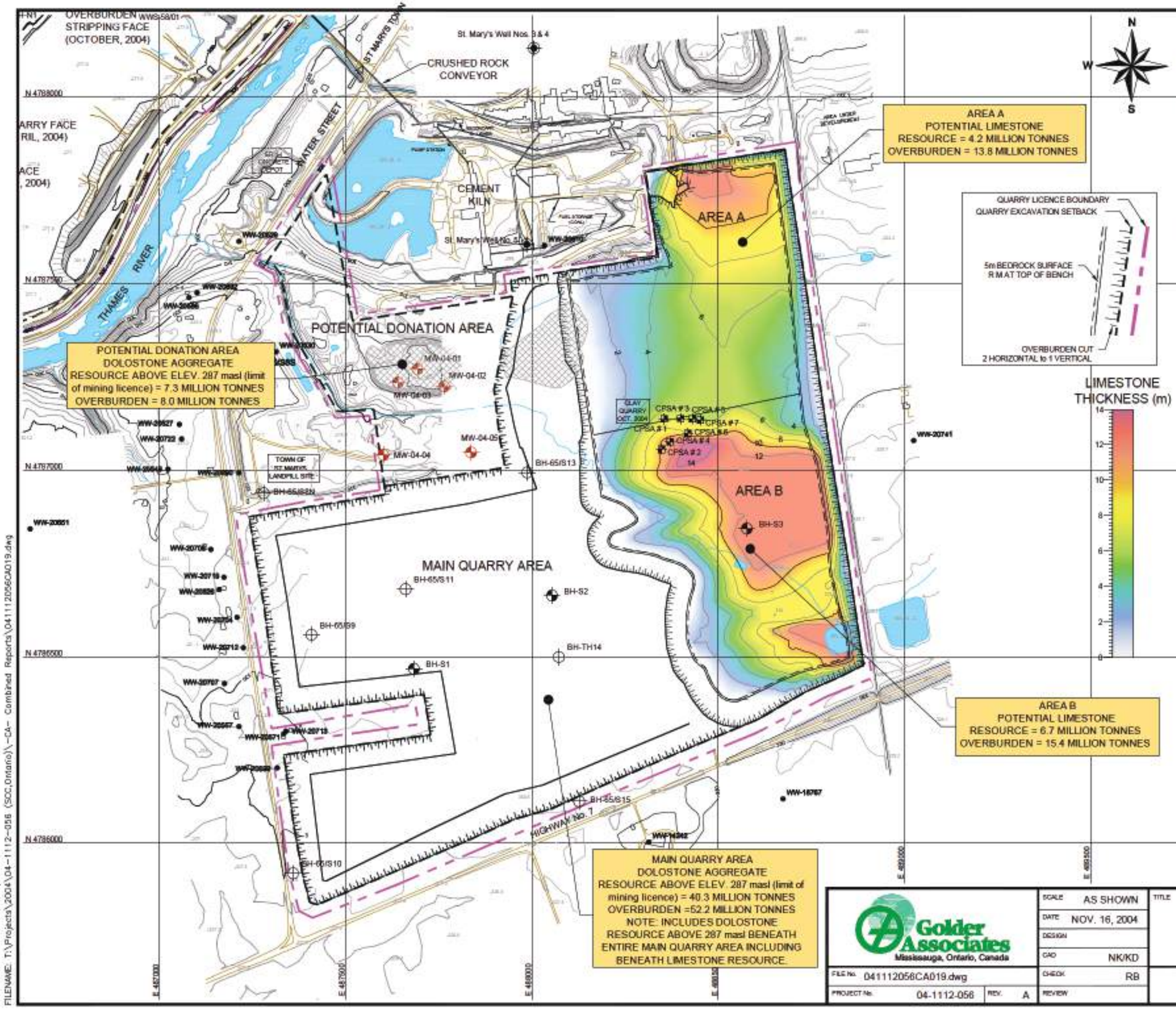
TITLE

INFERRED THICKNESS OF POTENTIAL CLAY RESOURCE SOUTH QUARRY

ST. MARY'S CEMENT Co.

FIGURE 17

PLOT DATE: November 22, 2004
FILENAME: T:\Projects\2004\04-1112-056 (SOC,Ontario)\-CA- Combined Reports\041112056CA017.dwg



LEGEND

- QUARRY LICENCE BOUNDARY
- QUARRY EXCAVATION SETBACK
- MW-04-04 — BOREHOLE LOCATION FROM CURRENT INVESTIGATION FOR LANDFILL AREA, REPORT GOLDER NO. 04-1112-047
- CPSA # 3 — TEST PITS LOCATION FROM CURRENT INVESTIGATION, 2004
- BH-S1 — BOREHOLE LOCATION DRILLED BY GOLDER, 2000
- WW-2D618 — WATER WELL SUPPLY LOCATION - MINISTRY OF ENVIRONMENT (MOE) WWIS DATABASE
- BH-65/S8 — BOREHOLE LOCATION - DRILLED BY ST. MARY'S CEMENT, 1965
- MUNICIPAL / INDUSTRIAL WATER SUPPLY WELLS
- CKD STOCKPILE

NOTES

1. THIS FIGURE IS TO BE READ IN CONJUCTION WITH THE ATTACHED REPORT.
2. THE CURRENT EXCAVATION FACE AT THE QUARRY WAS SURVEYED BY AGM SURVEYING AND ENGINEERING, DRAWING No. SM 0412T1.dwg (OCTOBER, 2004).
3. THE TEST PITS WERE SURVEYED BY AGM SURVEYING AND ENGINEERING BY REPORT No. SM-CEM-34 (SEPTEMBER, 2004).
4. LOCATIONS OF 1958, 1965 AND 1974 BOREHOLES AND MOE WELLS ARE APPROXIMATE ONLY.
5. BASE OF LIMESTONE ELEVATION IS ENTIRELY BASED APON EXTRAPOLATION FROM BOREHOLE BH-S3 AND AS SUCH IS VERY APPROXIMATE ONLY.
6. TONNAGE ESTIMATES BASED ON VOLUMES WITH BULK DENSITY OF 2.0 T/m³ FOR SOIL AND 2.65 T/m³ FOR ROCK.

REFERENCE

BASE MAP FROM ST. MARYS CEMENT INC. TOPOGRAPHIC SURVEY UPDATED SEPTEMBER 2004, DRAWING No. MP 001 V.01 (3D CONTOURS), UMT NAD83.

OCTOBER 2004 SURVEY OF THOMAS ST. QUARRY FACE AND OVERBURDEN STRIPPING FACE AND SOUTH QUARRY CLAY PIT OBTAINED FROM AGM, FILE NAME SM0412T1.DWG, DATED OCT. 7, 2004, SCALE 1:2000.

200 0 200 400
SCALE 1:10000 METRES

Golder Associates
Mississauga, Ontario, Canada

SCALE	AS SHOWN	TITLE	INFERRED THICKNESS OF LIMESTONE SOUTH QUARRY
DATE	NOV. 16, 2004		
DESIGN			
CAD	NK/KD		
CHECK	RB		
REVIEW			
FILE No. 041112056CA019.dwg		ST. MARY'S CEMENT Co.	
PROJECT No. 04-1112-056	REV. A	FIGURE	19

PLOT DATE: November 22, 2004
FILENAME: T:\Projects\2004\04-1112-056 (SOC,Ontario)\-CA- Combined Reports\041112056CA019.dwg

Martina Paznar

From: Joy Rutherford
Sent: Wednesday, March 16, 2016 2:05 PM
To: Matt Novada (MJNovada@vcsmc.com)
Subject: FW: St. Marys EA (300032339.0000) - MNR and ARA License ## 300032339.0000
Attachments: Scanned from a Xerox Multifunction Device (16).pdf

Matt
As we discussed by phone, this is the email chain with Dave Marriott of the MNR.
I'll leave it with you to think about how you'd like to proceed. Both Dave Blake from the Town and I are available for a site visit with yourself and the MNR.
Thanks
Joy

From: Marriott, David (MNRF) [mailto:David.Marriott@ontario.ca]
Sent: Monday, February 22, 2016 12:04 PM
To: Joy Rutherford
Cc: Sutherland, Kristy (MNRF)
Subject: RE: St. Marys EA (300032339.0000) - MNR and ARA License ##300032339.0000

Hi Joy,

There was a partial surrender of the site that was approved in 2015. The area surrendered includes a small triangular piece north of Water Street. Please see the attached letter.

As previously noted, the MNRF recommends that a site visit be scheduled with the project team etc. to review the existing license, and the options to consider under the *Aggregate Resources Act* (e.g. license surrender) moving forward with the Environmental Assessment.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Joy Rutherford [mailto:Joy.Rutherford@rjburnside.com]
Sent: February 17, 2016 3:02 PM
To: Marriott, David (MNRF)
Cc: Jamie Hollingsworth; Tricia Radburn; Martina Paznar
Subject: FW: St. Marys EA (300032339.0000) - MNR and ARA License

Hi Dave,

Burnside is continuing to work on an EA to address the future waste management for the Town of St. Marys. As part of the work, I'm currently writing a hydrogeology report on the existing St. Marys Landfill Site.

You had previously provided comment on the EA. The email chain below highlighted the St Marys Cement licence that was still in place on the landfill site. You had also provided a map (see attachment) showing licences on the surrounding St Marys Cement properties.

The previous map is three years old (Jan 2013); therefore, I wanted to check with you for updates regarding licences on the surrounding properties or on the landfill itself.

Thanks
Joy

From
From: Tricia Radburn/RJB
To: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
Cc: "Sutherland, Kristy (MNRF)" <Kristy.Sutherland@ontario.ca>, Jamie Hollingsworth/RJB@RJB
Date: 03/06/2015 03:56 PM
Subject: Re: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Thanks Dave,

We have forwarded the information about the ARA licence to Dave Blake at the Town of St. Marys. We concur that a meeting would be helpful. In order to have an informative site visit we will need to wait until the snow melts, likely sometime in April. We'll be in touch with both you and Kristy closer to that time to arrange a meeting.

Thanks so much.

BURNSIDE

Tricia Radburn M.Sc.(Pl), MCIP, RPP
Senior Environmental Planner

R.J. Burnside & Associates Limited
292 Speedvale Ave. West, Unit 20
Guelph, Ontario N1H 1C4
tricia.radburn@rjburnside.com
Office: 519-823-4995
Direct Line: 226-486-1778
www.rjburnside.com

"Marriott, David (MNRF)" ---03/05/2015 11:10:39 AM---Hi Tricia, I apologize, the email I was referring to was sent to MOECC in response to the draft TOR.

From: "Marriott, David (MNRF)" <David.Marriott@ontario.ca>
To: "Tricia.Radburn@rjburnside.com" <Tricia.Radburn@rjburnside.com>
Cc: "Sutherland, Kristy (MNRF)" <Kristy.Sutherland@ontario.ca>, "Wright, Wesley (MOECC)" <Wesley.Wright@ontario.ca>
Date: 03/05/2015 11:10 AM
Subject: FW: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Tricia,

I apologize, the email I was referring to was sent to MOECC in response to the draft TOR. Please refer to the below and the attached.

Our files indicate that the portion of the site is still under an ARA license. It is recommended that a meeting be scheduled with the project team and the MNRF, to determine how this matter will be addressed moving forward (e.g. license surrender). A site visit may also be helpful to see the current condition of the license area.

Please note that Kristy Sutherland is the MNRF Aggregate Technical Specialist on this file.

Dave

Dave Marriott
District Planner
Ministry of Natural Resources and Forestry, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Marriott, David (MNR)
Sent: January 8, 2013 1:26 PM
To: Wright, Wesley (ENE)
Cc: May, Stephen (MNR); Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)
Subject: RE: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Wesley,

I apologize for the delay in responding.

The Ministry of Natural Resources (MNR) Guelph District Office is in receipt of the proposed Terms of Reference (TOR) for the St. Marys Landfill Site Capacity Expansion. The TOR is being completed to provide the framework for an individual Environmental Assessment (EA), in accordance with the *Environmental Assessment Act.*

It is understood that the existing landfill footprint has an approved capacity of 380,000 m^3, which operates under Environmental Compliance Approval (ECA) No. A150203 (dated June 24, 2010). The landfill site is approximately 37 hectares. Two study areas are proposed in the TOR to support the development of the EA. This includes the Site Study Area and the Local Study Area, as described in Section 8.0 of the TOR. Section 1 indicates that a portion of the site is also a former clay pit. This area is currently licensed in accordance with the *Aggregate Resources Act*. MNR staff can confirm that the area(s) currently under license also includes the lands to the north, east and south of the site (see attached figure).

MNR staff have reviewed the TOR, and offer the following preliminary comments for your consideration:

- The TOR (Sections 9.1 and 9.2) has generally described the natural heritage features within the Site and Local Study Areas. It is understood that a Surface Water Condition Study and a Biological Features and Conditions Study will be completed in support of the EA (Section 12). Please note that the Ministry has several known records (e.g. species at risk) within the Local Study Area. MNR staff can also advise that there is the potential for other unknown records/features to be present within the study areas. It is recommended that prior to commencing these studies the Ministry be contacted for detailed natural heritage information and advice that may be relevant to the EA.

- Section 14 of the TOR has indicated that approval may also be required under the *Aggregate Resources Act.* MNR staff notes that the existing Rehabilitation Plan for the licensed portion of the site states that the area will be rehabilitated to an agricultural use. Please be advised that the licensee is required to operate their site in accordance with the Site Plans upon which the licence is based. A major site plan amendment would be required to support the landfill expansion, or this portion of the license would have to be partially surrendered in accordance with the Act. It is recommended that a meeting be scheduled with the Ministry to review the license's existing Site Plans, and the potential implications of the legislation.

- As noted above, the area(s) surrounding the site are also currently licensed under the *Aggregate Resources Act*. In keeping with the Provincial Policy Statement (PPS), mineral aggregate operations shall be protected from development and activities that would preclude or hinder their expansion or continued use. It is recommended that Section 12 in the TOR include a 'Mineral Aggregate Study' to ensure that the EA appropriately considers the impact the expansion may have on the current or future operations of these licensed areas.

I trust that the above will be of assistance. Please contact the undersigned if further comment or clarification is required.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

From: Wright, Wesley (ENE)
Sent: January 2, 2013 5:16 PM
To: Marriott, David (MNR)
Cc: Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)
Subject: RE: St. Marys Landfill Site Capacity EA TOR - MNR
Importance: High

Dave, hi. Happy new year to all. ☺

Time is very tight on this package, with a draft to be prepared for January 10. How soon can I expect to get comments from MNR, and most importantly, have you any showstopping concerns about the project at the Terms of Reference (as opposed to the EA) phase?

Thanks,

Wesley Wright | Project Officer
Environmental Approvals Branch | Ministry of the Environment
2 St. Clair Avenue West, Floor 12A | Toronto ON | M4V 1L5
T 416.325.5500 | **T** 1.800.461.6290 | **F** 416.314.8452 | **E** wesley.wright@ontario.ca

Please consider your environmental responsibility before printing this email.

<hr size=2 width="100%" align=center tabindex=-1>

From: Marriott, David (MNR)
Sent: December 18, 2012 10:19 AM
To: Wright, Wesley (ENE)
Cc: Murray, Al (MNR); Buck, Graham (MNR); Mccauley, Cam (MNR)

Subject: St. Marys Landfill Site Capacity EA TOR - MNR

Hi Wesley,

MNR Guelph District staff are in receipt of the proposed Terms of Reference (TOR) for the 'St. Marys Landfill Site Capacity Expansion' Environmental Assessment (EA). Please note that the Ministry does have an interest in providing comments on the TOR, but will require additional time.

I hope to have comments for your consideration early in the New Year.

Thanks

Dave

Dave Marriott
District Planner
Ministry of Natural Resources, Guelph District
1 Stone Road West
Guelph ON, N1G 4Y2
(P) 519-826-4926
(F) 519-826-6849
email: david.marriott@ontario.ca

[attachment "StMarysLandfillExpARASites-07-01-2013.pdf" deleted by Jamie Hollingsworth/RJB]

M[illegible]ry of Natural
Re[illegible]rces and Forestry

Office of the Director
Southern Region
Regional Operations Division
300 Water Street
Peterborough, ON K9J 3C7
Tel: 705-755-3235
Fax: 705-755-3233

Ministère des Richesses naturelles
et des Forêts

Bureau du directeur
Région du Sud
Division des opérations régionales
300, rue Water
Peterborough (ON) K9J 3C7
Tél: 705-755-3235
Téléc: 705-755-3233

Ontario

December 16, 2015

St. Marys Cement Inc.
55 Industrial Street
Toronto, ON M4G 3W9

Dear Mr. Evans:

RE: Minor Site Plan Amendment under the *Aggregate Resources Act* – Licence # 4494
St. Marys Cement Inc.
Lots 14, 15, 16, and 17, Concession South Boundary
Lot 25, 26, 27, 28, 35 and 36, Concession Thames
Lot 19, Concession 15
Lot 22, Concession 17, Geographic Township of Blanshard
Township of Perth South, County of Perth

Further to your site plan amendment request of December 8, 2015, please be advised that the Ministry of Natural Resources and Forestry (MNRF) grants consent under Section 16(2) of the *Aggregate Resources Act* to proceed with the following amendment:

- Add the following note to the site plan to reduce the licence and extraction area:

A small triangular portion of a larger section that is bordered by Water Street and the Thames River has been surrendered. The total licenced area has been reduced from 449.74ha to 448.79ha and the extraction area has been reduced from 406.55ha to 405.60ha.

In order to complete the amendment process, please attach the above noted conditions to your site plan. The MNRF Guelph District Office will provide a copy of the note to the appropriate municipal offices.

Please note that the licensee is still bound by the existing site plan until such time that all the above amendments have been carried out and approved. Should you have any questions concerning this matter, please contact Kristy Sutherland, Aggregate Technical Specialist, at 519-826-3569.

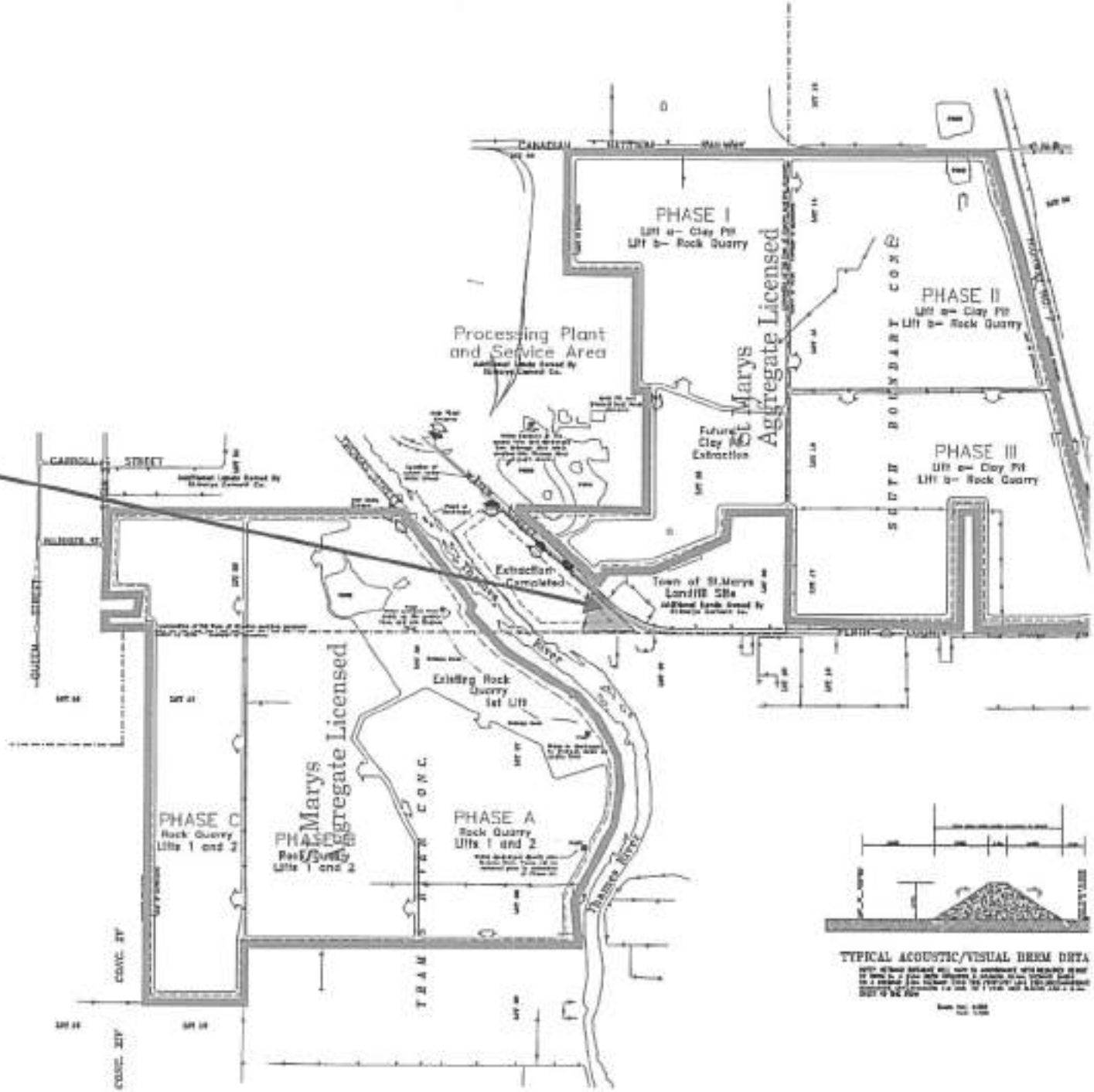
Yours truly,

Jane Ireland

Jane Ireland
Regional Director

c. Clerk, Township of Perth South
Clerk, County of Perth

"Into" drainage ditch which empties into Thames River at point shown.
POND
POND
Extraction Completed
Thames
River
ng Rock Quarry


CANADIAN
PHASE I
Lift a– Clay Pit
Lift b– Rock Quarry
Processing Plant and Service Area
St Marys Aggregate Licensed
PHASE II
Lift a– Clay Pit
Lift b– Rock Quarry
SOUTH BOUNDARY CONC
Future Clay Pit Extraction
PHASE III
Lift a– Clay Pit
Lift b– Rock Quarry
CARROLL STREET
Extraction Completed
Town of St.Marys Landfill Site
Existing Rock Quarry 1st Lift
River
PHASE C
Rock Quarry
Lifts 1 and 2
PHASE B
Rock Quarry
Lifts 1 and 2
TRAM CONC
PHASE A
Rock Quarry
Lifts 1 and 2
Thames River
TYPICAL ACOUSTIC/VISUAL BERM DETA

RE: FW: 2012 Hydrogeology Study

Caitlin Martin to: Matthew Novada 12/21/2015 02:20 PM

Bcc: Martina Paznar

Good Afternoon Matt,

Thank you very much for your reply and the information you provided.

We hope you are able to find some of the well records requested, as it will really help us determine the geology in the area of the site.

Specifically the well logs for:
- the well Joy found (near the property line of St. Marys Cement)
- the wells that were installed on the Kiln Dust Pile (MW04-01, MW04-02, MW04-03 and MW04-04)
- the supply wells and dewatering wells at St. Marys Cement
- monitoring well S3 for St. Marys Cement (as seen on your 2014 AMR site plan)

Merry Christmas!

Regards,

Matthew Novada	Hello Caitlin, Below are answers/comments/que...	12/16/2015 05:48:12 PM

From: Matthew Novada <matthew.novada@vcimentos.com>
To: Caitlin Martin <Caitlin.Martin@rjburnside.com>
Cc: "Joy Rutherford (Joy.Rutherford@rjburnside.com)" <Joy.Rutherford@rjburnside.com>
Date: 12/16/2015 05:48 PM
Subject: RE: FW: 2012 Hydrogeology Study

Hello Caitlin,

Below are answers/comments/questions to your questions emailed on November 4th.

I see that there is reference to a “Clay Pit/Rock Quarry”, which to me indicates the cement plant on Water Street. Please note that we only extract minimal amounts of clay from this site. All limestone is extracted from the Thomas Street Quarry.

I will ask colleagues regarding Question 5 of the Current Operations section and Question 1 of the Borrow Pit section, and will dig into Question 3 of the Monitoring section if need be.

Regards,
Matt

Monitoring

1. Monitoring well MW32A-02 on the St. Marys Landfill Site has a SMC data logger in it:

o How often is the data collected?

Quarterly

o Are manual water levels taken?

Yes

o Are water levels at any other wells on the landfill site monitored?

No

o Can you provide us with the logger data and/or any hydrographs?

Please see the attached extract from our 2014 PTTW Annual Report.

2. Are there any monitoring wells located on SMC property between the SMC plant and the landfill?

There is one, as indicated by Joy in the attached figure, though I am not aware of its history and is now on Town property if desired for use.

o If so, can you provide long-term hydrographs and the water level data for the past couple years?

N/A. This well is not part of the well monitoring program.

3. There are 4 monitoring wells located in the kiln dust pile:

o Are there borehole logs for them?

Requires further investigation as to whether these exist.

o Any monitoring data?

Highly unlikely

Future Operations

1. Are there plans for more dewatering wells?

No

2. Does SMC have a 50-year plan for the quarries?

We have a mining plan for the Thomas Street Quarry only, though it is not of a 50-year duration.

3. What is the estimated lifespan of the two quarries?

~60 years considering current resources and production assets.

Current Operations

1. What is the current floor elevation of the Thomas Street Quarry and the Clay Pit/Rock Quarry?

Deepest depth at TSQ is ~273masl, while at the Plant it is the bottom of the surface ponds, which I estimate at 282masl. (Surface level of the ponds is 285masl in a survey, and they are not deep.)

o 2012 Report -> Thomas Street Quarry -> 277 to 279 masl; has this changed?

The lower range has changed as per above.

2. What is the current water level elevation at the Thomas Street Quarry and the Clay Pit/Rock Quarry?

o 2012 Report -> Thomas Street Quarry sump -> 276 to 277masl; has this changed?

No, TSQ water is no lower than 277masl (the pumps remain at their prior elevation); Plant: water level remains at 284masl as the likely low water level. This is an estimate.

3. Do you have a site plan for the Clay Pit/Rock Quarry that you could provide us?

I have attached Page 2 of our Site Plan, as well as Page 4. We are likely to undergo a Site Plan amendment process next year based on, among other things, the landfill work being undertaken.

o Is there an existing report for the Clay Pit/Rock Quarry?

What kind of report or information does this entail?

4. Where are the dewatering wells located and how many are there?

Please see the 2014 annual report attached. The southernmost one is used only as a fire suppression source, and is tested monthly to ensure it works. It is a negligible draw of water.

5. Do you have the water well records for your supply wells and dewatering wells?

I have asked our consulting firm as I do not have these, if they exist.

Former Borrow Pit (location of current landfilling area – Phase I & Phase II/III)

1. Was the former Borrow Pit licensed at one point?

To be determined.

2. Is there a site plan?

Perhaps I misunderstand the question, but as SMC no longer owns this land, there is no accompanying Site Plan for it.

Thanks,
Matt

From: Caitlin Martin [mailto:Caitlin.Martin@rjburnside.com]
Sent: November-05-15 2:49 PM
To: Matthew Novada
Subject: RE: FW: 2012 Hydrogeology Study

Hi Matt,

The questions under the "Monitoring" heading are the most important. So the sooner you can provide answers to those, the better.

If you could provide answers to the remaining questions by the beginning of December, that would be great.

Regards,

BURNSIDE

Caitlin Martin, EIT

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Caitlin.Martin@rjburnside.com

Office: 519-357-1521
Direct Line: 226-476-3111
www.rjburnside.com

**** 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.

****

From: Matthew Novada <matthew.novada@vcimentos.com>
To: Caitlin Martin <Caitlin.Martin@rjburnside.com>
Date: 11/04/2015 04:20 PM
Subject: RE: FW: 2012 Hydrogeology Study

Hi Caitlin,

What is your timeline for this phase of your work?
Getting all the information requested may take some time and I will be away for half of this month.

Regards,
Matt

From: Caitlin Martin [mailto:Caitlin.Martin@rjburnside.com]
Sent: November-04-15 4:09 PM
To: Matthew Novada
Subject: Re: FW: 2012 Hydrogeology Study

Good Afternoon Matt,

I apologise for the length of time for my reply; I was out of the office for most of October.
I have been through the Golder Report and it did provide us with some of the information we required.
However, we still have some questions for you which are in the attached PDF.

Regards,

Caitlin Martin, EIT

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Caitlin.Martin@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3111
www.rjburnside.com

**** 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.

****

From: Matthew Novada <matthew.novada@vcimentos.com>
To: "Caitlin Martin (Caitlin.Martin@rjburnside.com)" <Caitlin.Martin@rjburnside.com>
Cc: "Wood, Sharon" <Sharon_Wood@golder.com>
Date: 10/07/2015 10:41 AM
Subject: FW: 2012 Hydrogeology Study

Good Morning Caitlin,

Just making sure you were able to receive the information requested from Golder's report.

Please advise.

Thanks,
Matt Novada
St. Marys Cement

From: Wood, Sharon [mailto:Sharon_Wood@golder.com]
Sent: October-07-15 10:08 AM
To: Matthew Novada
Subject: RE: 2012 Hydrogeology Study

Hi Matt

Were you able to download the 2012 Hydrogeology Study?

Regards
Sharon

Sharon Wood (M.Sc., P.Geo.) | Hydrogeologist | **Golder Associates Ltd.**
6925 Century Avenue, Suite #100, Mississauga, Ontario, Canada L5N 7K2
T: +1 (905) 567 4444 | **D:** +1 (905) 567 6100 Ext. 1117 | **F:** +1 (905) 567 6561 | **E:** Sharon_Wood@golder.com | **www.golder.com**

Work Safe, Home Safe

This email transmission is confidential and may contain proprietary information for the exclusive use of the intended recipient. Any use, distribution or copying of this transmission, other than by the intended recipient, is strictly prohibited. If you are not the intended recipient, please notify the sender and delete all copies. Electronic media is susceptible to unauthorized modification, deterioration, and incompatibility. Accordingly, the electronic media version of any work product may not be relied upon.

Golder, Golder Associates and the GA globe design are trademarks of Golder Associates Corporation.

Please consider the environment before printing this email.

From: Matthew Novada [mailto:matthew.novada@vcimentos.com]

Sent: Friday, September 18, 2015 3:02 PM
To: Wood, Sharon
Subject: RE: 2012 Hydrogeology Study

Hi Sharon,

Just a reminder to send a downloadable file – I actually only need the Hydrogeological Assessment, which was part #2 of the PTTW application package.

Thanks and have a good weekend.

Matt

From: Matthew Novada
Sent: September-11-15 8:17 AM
To: 'Wood, Sharon'
Subject: RE: 2012 Hydrogeology Study

Thank you, Sharon.

From: Wood, Sharon [mailto:Sharon_Wood@golder.com]
Sent: September-10-15 3:57 PM
To: Matthew Novada
Subject: RE: 2012 Hydrogeology Study

Hi Matt

Hope all is well with you also. I will send you a link to the complete PTTW application.

Regards
Sharon

Sharon Wood (M.Sc., P.Geo.) | Hydrogeologist | **Golder Associates Ltd.**
6925 Century Avenue, Suite #100, Mississauga, Ontario, Canada L5N 7K2
T: +1 (905) 567 4444 | **D:** +1 (905) 567 6100 Ext. 1117 | **F:** +1 (905) 567 6561 | **E:** Sharon_Wood@golder.com | **www.golder.com**

Work Safe, Home Safe

This email transmission is confidential and may contain proprietary information for the exclusive use of the intended recipient. Any use, distribution or copying of this transmission, other than by the intended recipient, is strictly prohibited. If you are not the intended recipient, please notify the sender and delete all copies. Electronic media is susceptible to unauthorized modification, deterioration, and incompatibility. Accordingly, the electronic media version of

any work product may not be relied upon.

Golder, Golder Associates and the GA globe design are trademarks of Golder Associates Corporation.

Please consider the environment before printing this email.

From: Matthew Novada [mailto:matthew.novada@vcimentos.com]
Sent: Thursday, September 10, 2015 3:09 PM
To: Wood, Sharon
Subject: FW: 2012 Hydrogeology Study

Hi Sharon,

I hope this email finds you well.

The Town of St. Marys is undergoing a hydrogeological assessment via Burnside Engineering, who is requesting a copy of the study you had helped us with en route to our new PTTW in 2012.

I lost my digital copy so am hoping you or a team member can provide this. Is it possible for you to provide a link via email from which Burnside can download a PDF copy?

Thanks very much.

Matthew Novada
Environmental Coordiantor
Votorantim Cimentos
St. Marys Cement | St. Marys Plant
matthew.novada@vcimentos.com

Phone: 519-284-1020 ext. 235
Mobile: 519-221-1849
585 Water St. S.
St. Marys, ON
N4X 1B6

---

www.votorantimcimentos.com
www.stmaryscement.com
[attachment "Pages from PTTW 5440-8YFHPP - 2014 Annual Groundwater Monitoring Report.pdf" deleted by Caitlin Martin/RJB] [attachment "Found Well Location.pdf" deleted by Caitlin Martin/RJB] [attachment "Site Plan 2 of 6 Existing Features.pdf" deleted by Caitlin Martin/RJB] [attachment "Site Plan 4 of 6 Operational Plan (+ Prog Rehab).pdf" deleted by Caitlin Martin/RJB]

From: Caitlin Martin/RJB
To: Matthew Novada <matthew.novada@vcimentos.com>
Date: 09/14/2015 08:56 AM
Subject: RE: St. Marys Landfill EA

Good Morning Matt,

I have attached a list of questions for you (as well as the map that is referenced in some of the questions). We are most concerned with receiving answers for the Monitoring and Future Operations questions, but any information you can provide us with will be beneficial.

032339 St. Marys EA List of Questions for SMC.pdf032339 St. Marys EA 2015Sep10 PTTW Locations.pdf

Don't hesitate to contact me if you have any questions.

Regards,

Matthew Novada	Caitlin, I think FTP is best as it's too large for em...	09/10/2015 03:01:03 PM

From: Matthew Novada <matthew.novada@vcimentos.com>
To: Caitlin Martin <Caitlin.Martin@rjburnside.com>
Date: 09/10/2015 03:01 PM
Subject: RE: St. Marys Landfill EA

Caitlin,

I think FTP is best as it's too large for email so will see whether Golder is able to provide this, as I lost the digital copy I once had.

Thanks,
Matt

From: Caitlin Martin [mailto:Caitlin.Martin@rjburnside.com]
Sent: September-10-15 2:55 PM
To: Matthew Novada
Subject: RE: St. Marys Landfill EA

Thanks Matt! I will work on my list. In the meantime, can you send me a copy of that study you mentioned?

Regards,

Caitlin Martin, EIT

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Caitlin.Martin@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3111
www.rjburnside.com

**** 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.

****

From: Matthew Novada <matthew.novada@vcimentos.com>
To: Caitlin Martin <Caitlin.Martin@rjburnside.com>
Date: 09/10/2015 02:29 PM
Subject: RE: St. Marys Landfill EA

Hi Caitlin,

Yes, please feel free to follow up with me regarding any needs on the hydrogeological assessment. We had done a study in 2011/2012 that may be of use to this process.

Best Regards,
Matt Novada
St. Marys Cement

From: Caitlin Martin [mailto:Caitlin.Martin@rjburnside.com]
Sent: September-10-15 1:47 PM
To: Matthew Novada
Subject: St. Marys Landfill EA

Good Afternoon Matt.

My name is Caitlin and I work at R.J. Burnside & Associates Limited. We are starting the hydrogeological work plan for the St. Marys Landfill Environmental Assessment which involves collecting background information on the geology and hydrogeology of the site and surrounding area.
I am emailing you to confirm that you are the correct contact at St. Marys Cement for acquiring any information that will assist us with the hydrogeological evaluation.

Please let me know if you are the correct contact person. If so, I will put together a list of questions/inquiries that we can then discuss.

Regards,

BURNSIDE

Caitlin Martin, EIT

R.J. Burnside & Associates Limited
449 Josephine St., P.O. Box 10
Wingham, Ontario N0G 2W0
Caitlin.Martin@rjburnside.com
Office: 519-357-1521
Direct Line: 226-476-3111
www.rjburnside.com

**** 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.

****

Monitoring

1. Monitoring well MW32A-02 on the landfill site has a SMC data logger in it. How often is the data collected? Are manual water levels taken? Are water levels at any other wells on the landfill site monitored? Can you provide us with the logger data and/or any hydrographs?
2. Are there any monitoring wells located on SMC property between the SMC plant and the landfill? If so, can you provide long-term hydrographs for the wells and the water level data for the past couple years?
3. The 4 monitoring wells located in the kiln dust pile, is there borehole logs for them? Any monitoring data?
4. Can you provide us with a copy of the 2011/2012 study?
5. Are there any other reports?

Future Operations

1. What is the future final floor elevation of the Thomas Street Quarry and the Clay Pit/Rock Quarry?
2. Are there plans for more dewatering wells?
3. Does SMC have a 50-year plan for the quarries?
4. What is the estimated lifespan of the two quarries?

Current Operations

1. What phase area and lift of the Thomas Street Quarry is currently being worked in (A1, B1, A2, C1, B2, C2)? What phase area and lift of the Clay Pit/Rock Quarry is currently being worked in (IA, IB, IIA, IIB, IIIA, IIIB)? I have attached the map that shows the phases. Are any of the phases/lifts completed?
2. What is the current floor elevation of the Thomas Street Quarry and the Clay Pit/Rock Quarry?
3. What is the current water level elevation at the Thomas Street Quarry and the Clay Pit/Rock Quarry?
4. Do you have a site plan for the Thomas Street Quarry and the Clay Pit/Rock Quarry that you could provide us?
5. Where are the dewatering and supply wells located and how many are there? I have attached the map from the online PTTW database along with the well information. Can you confirm the locations and information please?
6. Are the wells I have numbered 1, 2 and 3 on the PTTW map I attached actively pumped? Is the pumping continuous? What is the average volume pumped?
7. Do you have the water well records for the 10 wells identified on the attached PTTW map?

Former Borrow Pit (location of current landfilling area – Phase I & Phase II/III)

1. Was the former Borrow Pit licensed at one point?
2. Is there a site plan?

Permits to Take Water near the St. Marys Landfill

Permit Number	Permit Holder Name	Purpose	Specific Purpose	Max Litres per Day	Source Type	ID No.
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Industrial	Other - Industrial	4091000	Ground Water	1
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Dewatering	Pits and Quarries	10000000	Ground Water	2
77-P-1009	Blue Circle Cement/St. Marys Cement	Dewatering	Pits and Quarries	1636560	Ground Water	3
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Industrial	Cooling Water	3892320	Ground Water	4
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Industrial	Cooling Water	4354560	Ground Water	5
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Water Supply	Communal	2000	Ground Water	6
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Water Supply	Communal	10000	Ground Water	7
5440-8YFHPP	St. Marys Cement Inc. (Canada)	Dewatering	Pits and Quarries	30240000	Ground Water	8
77-P-1009	Blue Circle Cement/St. Marys Cement	Dewatering	Pits and Quarries	6546240	Ground Water	9
5758-8TANYB	St. Marys Cement Inc. (Canada)	Industrial	Aggregate Washing	6813900	Ground Water	10

Latitude:43.25227, Longitude:-81.14053 (UTM Zone:17, Easting:488592, Northing:4788839)

Tammy Wheeldon

From: Denise DeJong <ddejong@hpcdsb.ca>
Sent: Tuesday, June 14, 2016 11:15 AM
To: St.Marys.Waste.EA
Subject: Response Letter ##300032339.0000
Attachments: burnside june 14-16.pdf

Attached please find our response to your recent notice.

Thank you,

Denise DeJong
Community Use of School Coordinator
Assistant to Anne Marie Nicholson, Plant Operations
Huron-Perth Catholic DSB
87 Mill Street Dublin ON N0K 1E0
Phone: 519.345.2440 ext. 341
Fax: 519.345.2449

Huron-Perth Catholic District School Board

Mail PO Box 70 Dublin ON N0K 1E0 *Website* www huronperthcatholic.ca
Phone 519 345 2440 *Fax* 519 345 2449

June 14, 2016

James R. Hollingsworth
Technical Leader, Solid Waste
R.J. Burnside & Associates Limited
1465 Pickering Parkway Suite 200
Pickering ON L1V 7G7

Dear James:

RE: FUTURE SOLID WASTE DISPOSAL NEEDS INDIVIDUAL ENVIRONMENTAL ASSESSMENT TOWN OF ST. MARYS

In response to your correspondence of June 9, 2016, please be advised that we have no concerns in regards to the above-mentioned EA.

Sincerely,

Anne Marie Nicholson
Manager of Assessment & Plant

/dd

BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix K
Consultation Summary Table

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Canadian Transportation Agency - Rail, Air and Marine Disputes Directorate	Mr.	Luc	Fortin	Senior Environmental Officer				
Department of Fisheries and Oceans Canada					This is now a self-assessment process. Contact with DFO only necessary if determined through self-checklist that review from DFO necessary.			
Environment Canada - Ontario Region	Mr.	Rob	Dobos	Manager, Environmental Assessment Section	Electronic (CD) version of EA preferred			
Transport Canada - Ontario Region (PHE)	Mr.	David	Zeit	Senior Environmental Officer	Contact updated February 2015 as per October 2014 GRT List April 16, 2015: MP updated contact to receive email only. If none of the information applies to the project listed in the email, asked to be removed from the distribution list.	April 16, 2015: Email received from Transport Canada's Environmental Assessment program in Ontario. The email asks us to update our distribution list for all future correspondence to be forwarded to the Environmental Assessment Coordinator via email only. The email also states that Transport Canada is required to determine the likelihood of significant adverse effects of projects on federal lands prior to exercising a power, performing a function or duty in rela ion to the project under the *Canadian Environmental Assessment ACT, 2012*. If he previously mentioned items apply, project proponents are encoraged to i) review the Directory of Federal Real Property and ii) review the list of Acts that Transport Canada administers and assists in administering that may apply to the project. The following acts included in the email were Navigation Protection Act (NPA), Railway Safety Act (RSA), Transportation of Dangerous Goods Act (TDGA) and Aeronautics Act. If none of the above applies to the project, it is asked in the email to be removed from the distribution list. June 30, 2015: Email response received from Margarent Menczel stating that the Aeronau ics Act may also be a factor. Restrictions include limi ing the height of buildings, structures and objects; protecting aircraft from potential hazards by prohibiting electrnic signal interference; and Prohibiting land use activites which attract birds that may create a hazard to aviation safety. Onus is on the land owner to comply with restric ions outlined in the regulation. There is no permit or screening form to be filled in. August 4, 2015: Generic email received from EnviroOnt sta ing that Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal lands and it is our responsibility to review the Directory of Federal Real Property and review the list of Acts that Transport Canada. If a project will interact wi h a federal property and requires approval and/or authorization under any of the Transport Canada Acts, hen correspondence should only be forwarded electronically to Environmental Assessment Coordinator at EnviroOnt@tc.gc.ca June 17, 2016: Email response recieved by EnviroOnt requesting to be removed.	April 29, 2015: KA sent email response sta ing that the she thinks only the Aeronautics Act will be applicable. Asked what requirements ther emight be for waste sites and if there are any permit, screening form or o her process.	
Aboriginal Affairs and Northern Development Canada - Consultation and Accommodation Unit (CAU) Ontario Office					Email only ; **contact only once then remove from contact list**	July 29, 2015: Email response received direc ing attention to ATRIS.		
Aboriginal Affairs and Northern Development Canada - Environmental Assessment Coordination, Environment Unit, Lands and Trusts Services					Email only; send legal descrip ion of property, location map AND descrip ion of project; Email updated April 2013 as per Niska Road NOC mailing list. AG updated screening criteria based off of conversation with Allison Berman (AANDC) May 10, 2013 in regards to appropriate ime to contact AANDC EA Coordination Unit.	AG had conversation with Allison Berman (AANDC) May 10, 2013 in regards to appropriate time to contact AANDC EA Coordination Unit. Allison noted that AANDC Coordination unit to be contacted when AANDC Consultation Report indicates that project will intercept FN lands, to receive more information on affected groups.		
Canadian Environmental Assessment Agency - Ontario Region	Ms.	Anjala	Puvanana han	Ontario Region Director	February 25, 2015: **Remove from distribution list if the project is not subject to a fderal environmental assessment.**	February 23, 2015: Email received wi h attached letter from Caitlin Cafaro. Letter thanks us for our correspondence, provides details regarding the Responsible Resource Development and CEAA 2012. Based on the informa ion we have provided, this project does not appear to be described in the *Regulations Designating Physical Activities*. Check Section 1 of he Regulations if he project is in a federally designated wildlife area or migratory bird sanctuary. Remove from distribution list if the project is not subject to a fderal environmental assessment.		
Department of Fisheries and Oceans Canada - Fish Habitat Management	Ms.	Sara	Eddy	Senior Habitat Biologist, Ontario-Great Lakes Area	Screening criteria updated May 28, 2013 by AG as per GRT Master Distribution List			Likely to be contacted by Conservation area, but include in consultation list
Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	Send 2 hard copies of EA or 1 hard copy if download available			
Ministry of Agriculture, Food and Rural Affairs-West-Central Region	Ms.	Carol	Neumann	Rural Planner	Send 1 copy of EA			

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Ontario Growth Secretariat	Mr.	Charles	O'Hara	Manager (A), Growth Policy	Screening criteria updated May 28, 2013 by AG as per GRT Master Distribution List. Charles added to replace Andrew (previously IO Ontario Growth Secretariat) on February 2015 as per October 2014 GRT list			
Ministry of Municipal Affairs and Housing-Western Municipal Service Office	Mr.	Bruce	Curtis	Manager, Community Planning and Development	Contact manager to determine if planner should be contacted; send 1 hard copy of EA			
Ministry of Natural Resources and Forestry-Guelph (Southern Region)	Mr.	David	Marriott	District Planner (A)	Multiple contacts per district; email should be placed to all people of this position at time of agency list preparation and name confirmed; send 2 hard copies once contact confirmed	On November 21, 2013, Jamie Hollingsworth (Burnside) spoke on phone with David Marriot (MNR). Mr. Marriot wanted to ensure compatibility between expanding landfill & existing aggregate resource permits. He noted that could not locate changes in revised TOR that address his comments. Also noted that existing landfill property is aggregate resource site. JH replied that resource extracted by St. Mary's Cement then property sold to Town for landfill use. Noted that landfill reclassificiation may be necessary to remove aggregate resource permit designation. Noted that MOE's landfill design guidelines include 100 m buffer, so landfill operations unlikely to impact aggregate extraction from surrounding proper ies. MNR requested that his be clarified in TOR. Following telephone conversation, JH sent an email to Mr. Marriot. JH noted that Burnside reviewed earlier MNR comments made to previous consultant. Based on comments, slight revisiosn to Table 5.4 made (revised table attached in email). JH noted that changes meant to clarify requirements for Town's EA work program with respect to Aggregate Resources Act license at and surrounding the site. JH noted that MNR has been incorporated as data source for EA work program, as noted in Table 5.4 and generally in the TOR. Noted also hat Burnside will consult with Town on status of Aggregate License held by St. Mary's Cement, for landfill property, and report back to MNR. Noted that David Blake from the Town of St. Mary's may contact MNR regarding requirements of he Aggregate License for accommodation of current landfill site operations. Included copy of updated Table 5.4 from TOR for MNR comment. February 24, 2015: Email received stating that he MNRF has had an opportunity to reveiw the natural heritage inofrmation and records for the study area. Based on the Notice of Commencement received, MNRF is able to provide information and comments for consideration. The Ministry has developed a web application to customize maps of select natural heritage features and recommends that the project team review this. ANSI is within the vicinity of the on-site study area. Recommends hat the project team contact Art Timmerman to review the fisheries informa ion available regarding the fisheries surveys/habitat assessments that have been compl;eted for the Thames River and tributary crossing. There are several aquatic SAR known within the vicinity of the study area and the MNRF recommend undetaking a habitat inventory, potential SAR (list of SAR known to occur in St. Marys and Perth South is attached), species at risk surveys. MNRF also recommends that we contact the local conservation au hority and municipality for any adidtional information or records for the study area. March 5, 2015: TR sent email to file from Mr. Marriott. In the email he apologizes that the email he was referring to was sent to MOECC in resposne to the draft TOR (please see email for furhter details). Files indicate that the portion of the site is still under an ARA license. Recommends a meeting to be scheduled wi h the project team and MNRF. Lists that Kristy Sutherland is the MNRF Aggregate Technical Specialist on this file. February 22, 2016: Email response to J. Rutherford's request. Email states that there was a partial surrender of the site that was approved in 2015 which includes a small triangular piece north of Water street (see attached letter). The MNRF recommends that a site visit be scheduled with the project team to review the existing license, and the options to consider under he *Aggregate Resources Act* moveing forward with the EA.	February 17, 2016: J. Rutherford sent email requesting for updates regarding licences on he surrounding properties or on the landfill itself. February 29, 2016: J. Rutherford sent email response thanking Dave and that she forwarded his requirest for a site visit to the Town since the Site Plan amendment that is needed will have to come from he Town and St. Marys Cement.	
Ministry of Natural Resources and Forestry-Guelph (Southern Region)	Mr.	Mike	Stone	District Planner (A)	Multiple contacts per district; email should be placed to all people of this position at time of agency list preparation and name confirmed; send 2 hard copies once contact confirmed			

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Ontario Ministry of Natural Resources and Forestry, Guelph District	Ms.	Kathy	Richardson	Senior Fish & Wildlife Technical Specialist	April 28, 2015: Contact added by MP as per email correspondence with HM.	March 26, 2015: TR emailed Mr. Buck requesting for appropriate survey protocial for Milksnake and Eastern Ribbonsnake species. April 14, 2015: HM sent Mr. Buck and Mr. Marriott email requesting contact information for Fish & Wildlife Conservation Act to obtain survey au horization. Mr. Marriott sent email response providing HM with Ms. Richardson's name as point of contact. HM sent Ms. Richardson email asking what process she will need to follow in order to received authorization to conduct snake cover baord surveys. April 20, 2015: Ms. Richardson replied stating that a WSC authorization will be required (attached). April 21, 2015: Ms. Richardson replied to HM's email that snake cover board surveys still require a WSC authorization form. June 24, 2015: Email recieved with the following response "I hink if the spoil pile is not a vertical or near ver ical slope and after three visits the birds are not observed it is safe to assume the habitat is not suitable or occupied and the Town may resume activities at the spoil pile."	April 20, 2015: HM sent email response asking for confirmation as to whether or not the coverboard survey still requires authorization as the proposed survey does not plan to capture, handle, possess or kill any species of snakes. HM also requests for more direction on how to fill out the form. April 22, 2015: HM sends Ms. Richardson email response with the WSC au horization form and map of the study location. Email states that HM is hoping to lay out cover boar materials on May 8, 2015. June 23, 2015: HM sent email stating that while on site yesterday, did not observe any Bank Swallow nesting on the spoil pile. Since earlier in June, there appeared to be some slumping which may have resulted in the excavations partially caving in, therefore guesses they were forced to abandon the nest. Any input on when hey could expect the Town to continue operations on the spoil pile in the future.	
Ontario Ministry of Natural Resources and Forestry	Mr.	Art	Timmerman	Management Biologist	March 5, 2015: Contact added by MP as per received email.	March 2, 2015: Email response to TR's email on February 27, 2015 with fish records/habitat assessment. Please see email for complete listing.	February 27, 2015: TR sent mr. Timmerman an email providing information about the study and requested for a cop of any fish records/habitat assessments he may have for the area. Also attached Notice of Commencement.	
Ministry of Natural Resources and Forestry, Guelph District	Mr.	Ian	Thornton	Resource Operations Supervisor	January 16, 2016: Contact added by MP as per email sent by H. Maciver.		December 17, 2015: H. Maciver sent email with attached summary of finding from the snake cover board surveys conducted in 2015 as per the conditions outlined in WSC Authorization permit #1080066.	
Ministry of Tourism, Culture and Sport, Culture Services Unit	Ms.	Laura	Hatcher	Ac ing Team Lead, Heritage and Land Use Planning, Culture Services Unit	Paula Kulpa added May 13, 2013 by AG, as per email received from Joseph Muller May 3, 2013 indica ing that team lead (Paula Kulpa) to be contacted for new projects. Email preferred. Laura Hatcher added as acting team leader. Continue to contact until referred back to Paula			If potential impacts to archaeological and/or historical resources, archaeological assessment and/or heritage impact assessments must be completed and forwarded to MTCS Archaeology Team Lead (see MTCS tab), local municipality and interested local heritage associa ions
Ministry of Tourism, Culture and Sport, Culture Services Unit	Mr.	Chris	Stack	Manager West Region Office	Added to contact list February 2015 as per October 2014 GRT list .			
Ontario Power Generation	Ms.	Susan	Rapin	Director, Environment Services	Prefers email notifications			
Ministry of Aboriginal Affairs - Policy and Relationships Branch					Email in addition to AANDC; separate contact			
Infrastructure Ontario	Mr.	Keith	Noronha	Environmental Management, Team Assistant	Contact removed as per emailed comment letter and response form received from IO on Feb 13, 2015 noting that IO to be removed from circulation list as no predicted impacts to IO lands.	Email comments with attached comment letter from Lisa Myslicki and response form from Peter Reed received from Julia Predusca on Feb 13, 2015 on behalf of Lisa Myslicki. Comment letter noted that IO lands not anticipated to be impacted; remove IO from circula ion list unless future impacts anticipated. If impacts to IO managed lands predicted, contact Mr. Norohna immediately to discuss next steps.		If projected impacts to IO Managed lands, contact Keith Norohna.
Ministry of Infrastructure , Growth Policy, Planning and Analysis Branch	Mr.	Peter	Reed	Manager Land Use Planning	Contact added February 2015 as per screening criteria on October 2014 GRT list. Contact removed as per emailed comment letter and response form received from IO on Feb 13, 2015 noting that IO to be removed from circulation list as no predicted impacts to IO lands.	Email comments with attached comment letter from Lisa Myslicki and response form from Peter Reed received from Julia Predusca on Feb 13, 2015 on behalf of Lisa Myslicki. Comment letter noted that IO lands not anticipated to be impacted; remove IO from circula ion list unless future impacts anticipated. If impacts to IO managed lands predicted, contact Mr. Norohna immediately to discuss next steps.		If projected impacts to IO Managed lands, contact Keith Norohna.
Hydro One Networks Inc.	Mr.	Walter	Kloostra	Manager, Transmission Lines Sustainment Investment Planning	Send 2 hard copies of EA or 1 hard copy if download available			
Ministry of Environment and Climate Change - Environmental Assessment and Approvals Branch					E-mail Notice of Completion only.			

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Ministry of Environment and Climate Change - Environmental Assessment and Approvals Branch	Ms.	Sue	Edwards	Project Officer	September 15, 2015: Contact added by MP as per email received. November 25, 2015: Contact removed by MP as she is no longer with the EA section and can contact former supervisor Dan Delaquis.	August 20, 2015: Email received letting us know that she will be the project officer assigned to this project. Received a copy of the attached letter from the Regional office and asked if there was a deadline for comments in relation to the air and noise and hydrogeological work plans. November 23, 2015: No longer with the EA section. forwarded email to former supervisor Dan Delaqui for another project officer to respond. Can contact Dan Delaquis if response is not received in a couple of days. November 25, 2015: No longer with the EA section. Forwarded email to former supervisor Dan Delaqui for another project officer to respond. Can contact Dan Delaquis if response is not received in a couple of days. December 15, 2015: Email received from Dan Delaquis stating that they are in the midst of assigning a new Project Officer and will pass along the information once someone has been assigned. Apologized for the delay.	August 20, 2015: JH sent email response thanking Sue for her email and taking his call in the afternoon. Provided information about PIC#1 and that comments will be received up to two weeks after the PIC. JH provided more detail about the process. More specifically, addresses her concerns regarding the air and hydrogeology work plans (i.e., hydrogeology work is unlikely to start until roughly two months after the PIC. and and the Air, Noise & Vibration work is desktop based and the timing to start is not critical but will likely start collecting and reveiwing background documents about two weeks after the PIC). August 20, 2015: JH sent email as follow up to phone conversation regarding Letters to First nations that the Town has sent letters to seven First Nation communities (attached PDF file containing letters). Provides detail in email about the complete list of aboriginal communities who were notified. November 23, 2015: H.Watson sent email in response to letter sent to Mr. Hollingsworth on October 9, 2105 regarding Item #5. Questions if a possible list of species reommended by the ministry be provided. November 25, 2015: J. Rutherford sent email concerning the Hydrogeological work plan. Would like to review the program with the Ministry's reviewer. Would like to be put in touch with the groundwater reviewer of the work plan. Attached copy of comments for proponent from MOECC. December 15, 2015: Joy R. emailed Dan Delaquis if there has been a new project officer assigned for the Town of St. Marys waste disposal project	
Ministry of the Environment and Climate Change - London Regional and Distict Office, Sou hwestern Region				Environmental Resource Planner and Environmental Assessment Coordinator				
Ministry of the Environment and Climate Change - Sou hwestern Region	Mr.	Bill	Armstrong	Environmental Resource Planner and Environmental Assessment Coordinator	Multiple contacts per Region; email should be placed to all people of this position as listed on Info GO at time of agency list preparation and name confirmed. Contact added January 2015 as per Master Contact list screening criteria August 7, 2015: Contact removed by MP as per email received from Emilee O'Leary.			
Ministry of the Environment and Climate Change - Sou hwestern Region	Ms.	Emilee	O'Leary	Environmental Planner/ Environmental Assessment Coordinator	August 7, 2015: Contact added by MP as requested in email received.	August 7, 2015: Email received sta ing receipt of our Notice of PIC and draft work plans. Mr. Armstrong is no longer with the ministry and Ms. O'Leary is he new contact for he Southwest Regional Office. Requested us to forward another copy of the Notice and all of the draft work plans to her attention.	August 7, 2015: JH sent email response stating that we are updating our mailing list, sent a letter by mail wi h hard copies of the draft work plans and that PDFs can also be accessed on the Town's website.	
Ministry of the Environment and Climate Change	Mr.	Mike	Harris	Hydrogeologist	January 14, 2016: Contact added by MP as requested by JH.	December 22, 2015: J. Rutherford spoke with Mike Harris, MOECC, Hydrogeologist who reviewed the work plan and the 2014 AMR. Remaining text was copied from Joy's email... The main reason for he call was to discuss the change in the work plan regarding drilling in the expansion landfill area. I said I was not asking for his agreement but providing him with information because the work plan had specified drilling during the EA phase. I gave him a brief synopsis of the work to date (background data collected and field work), and suggested that I was delaying the drilling for the reasons you and I have discussed. He was not overly concerned. He appreciated that his was an iterative approach, and that the study changes as information becomes available. However, he did note that he would still ask for some component of drilling if he felt it was needed. As for he current monitoring program, we agreed that the site has not been as well monitored in the past as it could have been (Mark had been asking CRA for more downgradient wells since 2009) but he seemed to appreciate that we only took over a couple of years ago. Conclusion - I am not currently planning to drill on the site. I am hoping that SMC will come through with the information that they are looking for and that it, along with the other data I'm collecting, will be sufficient for EA purposes. However, at some point there will still be a need for a sizeable drilling budget for new wells and decommissioning existing wells.		

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Ministry of the Environment and Climate Change	Mr.	Wesley	Wright		April 15, 2016: Contact added by MP as per correspondence with JH.	March 21, 2016: Email response received to JH's initial email asking a few questions: 1. Please confirm that Oneida, HDI, Six Nations, and HCCC have all been on the Project mailing list for the EA (as they were for the ToR), and that all project notices/Open House invitations and deliverables have been provided to these communities (and all Aboriginal communities identified on the mailing list) – wi h appropriate follow-up to ensure receipt of notices/project information. 2. Is the existing landfill fully enclosed/fenced off, with "no trespassing" signage? 3. If so, for approx. how many years has the property been physically closed off? 4. Have there been any issues with non-compliance at this site? April 25, 2016: Email received apologizing for the deilay in responding. Attached response to Jamie H.'s March 2, 2016 email. The letter states that project proponents are not required to comply with demands by Aboriginal communities to pay applica ion fees to them for projects not located on a reserve and and the province encourages proponentns to consider reasonable requests for such funding on a case-by-case basis. Other methods that may assist in meaningful consultation with Aboriginal communiteis include making technical support available so that a community can better understand and review information and studies related to the project. The MOECC acknwoledges the efforts made to date by the Town to consult with HDI during the draft EA and encourages the Town to continue consulting efforst with HDI directly hrough the EA process. April 25, 2016: W. Wright replied stating that it is up to the Town and would like to discuss some things inlcuding, when reviewing EAs to consider climate change impacts on the proposed undertaking and any contingency measure that he Town may wish to consider for the project; cumulative effects; capture and beneficial reuse of landfill gas; and residual and ICI waste diversion rates. April 25, 2016: Second email comment received to include source water protection if not yet considered. May 18, 2016: Email response provided asking to make sure the subject are reports are finalized (send electronically, wai ing to finalize number of hardcopies needed). June 7, 2016: Confused as to if J.Hollingsworth email was his one-mon h heads-up for he draft EA. Would like confirmation hat they are the final documents and would be willing to send to reviewers once finalized. June 8, 2016: Forwarded info to MOECC reviwers. Requested confirmation that the PIC#2 notice was sent to he non-MOECC GRT memebers on the project list (from the ToR stage). June 8, 2016: Will report back tomorrow morning with recent contact list. June 13, 2016: Email received alerting us that the Crown has recently moved to foavour the term "Indigenous" over "Aboriginal."	March 2, 2016: J. Hollingsworth provided summary of meeting with Haudenosaunee Development Institute (HDI) with the Town regarding the EA. HDI indicated that: the Nanfan Treaty covers all of Southern Ontario; they are not ready to surrender any rights to these lands; they are willing to come to an agreement with some form of ongoing compensation or benefit; they stated hat any development within their treaty areas is subject to sovereign state laws; they want the Town to provide a copy of the original deeds ceding property rights to the land for the entire Town of St. Marys and for the landfill property; St. Marys should complete HDI's Application for consideration and Engagement for Development; the Town's letter on August 20, 2105 suggesting that a collaborative aboriginal review of the EA process was unacceptable and could be considered racist; HDI may request additional funding from St. Marys depening on the scope of review work that they require; they recongize that St. Marys does not hav ethe authority to negotiate on the Crown's behalf. HDI said that the Town could proceed with their EA process and once it has been submitted to the MInister for review, HDI will be asking the Minister to fulfill the treaty duties which would cause additional delays for the Town's approvals. As a result of this mee ing, the town has a number of questions that Burnside cannot answer and is asking the Ministry for assistance: 1. If the Town does not complete (and pay) the HDI Application, is it still completing the duty to consult? 2. If the Town agrees to pay the HDI Application fee, in the eyes of the Province: a. Does that commit the Town to continuing with the HDI process and any additional fees/review costs? Or b. Would payment fulfill he Town's requirements for duty to consult? 3. What happens for o her indigenous groups that are party to the Nanfan Treaty, or other treaties? Does the Town need to engage and financially support each group individually? 4. If compensation is requested by HDI, who negotiates and pays it. The Town is seeking guidance from the MOECC and MAA to determine how to proceed. March 22, 2016: J. Hollingsworth replied to email stating that he has spoken to Dave Blake and colleagues to obtain the correct information regarding questions. Responses to Mr. Wright's questions: 1. Burnside can confirm that we have completed mailings and follow-up with: Oneida Nation of he Thames First Nation; Six Nations of the Grand River Territory; Haudenosaunee Development Institute (HDI); The remaining 11 aboriginal communities listed in Section 6.2 of the Terms of Reference (ToR). During preparation of the ToR, Burnside contacted he Haudenosaunee Confederacy Chiefs Council (HCCC). We were directed by the HCCC to coordinate all correspondence through the HDI. HCCC was therefore removed from our contact list for his EA. 2. The landfill is fenced on its western property line and a portion of the northern property limit. No trespassing signs are posted on these fence lines. The western fence line also extends south, beyond the property limit, along the east side of Road 123. There is also a section of fence near the sou h boundary close to the composting area. Excepting the previously noted fence sections there is no fencing on the property lines shared with St. Marys Cement (the north and east property lines) or the farmed lands to the sou h. Lands owned by St. Marys Cement (partly surrounding the landfill) have no trespassing signs as does the fencing south of the site along Road 123. 3. It is Burnside's understanding that St. Marys Cement acquired the landfill property in approximately 1912, when they began operations. From air photos we believe the site has been impacted by industrial activity since the 1950s. I think it is fair to say hat public access to the site would have ended before the industrial activities started, and	

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
							very likely around the time St. Marys Cement opened. 4. Burnside and the Town are not aware of any non-compliance issues at the site. Note that Burnside has just completed the 2015 Annual Monitoring Report for the St. Marys Landfill. Prin ing and shipping to your colleagues at he London District Office will happen over he next few days. When it is readya PDF can be provided. 5. To date, the EA work has completed the evaluation of Export versus Expansion (per TOR Sec ion 5.1), and has decided that expanding the existing site is the preferred alterna ive. Burnside has not completed the evaluation of the alternative methods of expanding the landfill. Therefore, a preference for vertical or horizontal expansion has not been made. April 25, 2016: J. Hollingsworth thanked W. Wright for response letter. Ques ioned whether a conference call between the Town and the Ministry would be appropriate. May 18, 2016: J. Hollingsworth sent W.Wright an email stating that he could start sending some of the Subject Area reports. Four draft reports have been revised based on Client comments and two are under Client review with the draft EA report to follow. June 7, 2016: Draft email reports are now on the Town's web site for stakeholder review. Notice of PIC#2 is also provided on he same webpage. PIC is scheduled for June 23, 2016. Intend to document comments and how they have been addressed in our EA Record of Consulta ion which will be provide dlater as part of the EA draft report if any issues/concerns/items are brought forward by stakeholders. June 8, 2016: Provided summarized phone call: draft subject area reports were posted June 7, 2016; stakeholders have been notified on the website (June 7, 2016), newspaper advertising (June 8 and 15, 2016), and direct mail (mailed the week of June 10, 2016); PIC#2 is scheduled for June 23, 2016 and request that all comments on the draft subject area reports be provided by July 15, 2016; and the draft EA report will be issued for review around the first week of August 2016 with final EA submission end of September or early October. June 8, 2016: Confirmed that we will be providing notice regarding PIC#2 and the availability of he draft subject are reports in the next day or so.	
Ministry of Transportation West Region	Ms.	Jennifer	Graham Harkness	Manager- Engineering Office	Send 2 hard copies of EA. Contact changed February 2015 as per October 2014 GRT list			
Ministry of Transportation Corridor Management Section West Region	Mr.	Chris	Dixon	Cooridor Management Planner	March 13, 2015: Contact added by MP as per received email.	March 12, 2015: Email received with MTO's comments (attached letter) to our Stakeholder request February 9, 2015. The letter acknowledges receipt of the Notice of Commencement and request for project invovlement and provides the following comments: MTO permits for the landfill site expansion are not required; and the Town will discuss the need for a formal Traffic Impact Study wi h MTO and if it is to be undertaken, it will be required to submit a copy to the MTO for review and approval. The letter also states that MTO would like to be kept informed of the progress of the EA.		
Ontario Provincial Police- Operations Policy and Strategic Planning Bureau	Ms.	Paula	Brown		Prefers to download EA or electronic copy. March 9, 2015: Contact information updated in line below.			
Ontario Provincial Police- Business Management Bureau	Ms.	Paula	Brown		Prefers to download EA or electronic copy	March 9, 2015: Notice of Commencement Response Form received with updated contact information. No options were selected.		
Township of Perth South	Mr.	Ken	Bettles	Director of Public Works	Added to list as per email received from Ken Bettles on February 11, 2015	February 11, 2015: Email with attached response form from Perth South received from Ken Bettles. Noted that agency not interested in providing further input regarding this study but would like to be kept informed via email.	Email response sent by J. H. on February 11, 2015 thanking for response form and noting that would update contact info to keep informed.	

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Township of Perth South	Ms	Lizet	Scott	Clerk	Contact removed as per response form received from Ken Bettles on Feb 11, 2015 with Ms. Scott's name crossed off and replaced with Mr. Bettles			
Perth County	Ms.	Jillene	Bellchamber-Glazier	County Clerk				
Bell Canada, Municipal Operations Centre	Mr.	John	Lachapelle		Contact removed as per response form received from Jenny Kendrick on Feb 13, 2015 which replaced her name with Mr. Lachapelle's			
Bell Canada	Ms.	Jenny	Kendrick	Implementation Manager	Contact added as per response form received from Jenny Kendrick on Feb 13, 2015 on behalf of Bell Canada	Emailed response form received from Jenny Kendrick on Feb 13, 2015. Form replaced John Lapachelle with her name, and contact information. Noted that agency not interested in providing input regarding study area, but would like to kept informed. Noted that if any conflicts identified to contact her. Noted that prefers email contact		
Enbridge Gas Distribution Inc.	Mr.	Vince	Cina	Supervisor, Planning and Design				
MTS – Allstream					D.Evans updated email November 1, 2013 as per correspondence from 300033597. Requested that all future correspondence be sent via email. June 24, 2016: TW updated email address as per he email received on June 17, 2016. Old email address Utility.Circulations@mtsallstreamcom to Utlity.Circulations@Zayo.com.	July 29, 2015: Email response received thanking us for our email and that our request for review and markup would be processed in 15 business days. July 30, 2015: Email response received from Ian Fleming stating that Allstream has no existing plant in he area, no markup and no objection. June 15, 2016: Email response received from Ian Fleming stating that Allstream has not existing plant in he area. June 17, 2016: Email response received from Ian Fleming stating that we don't need to keep emailing hem as long as the extents of the area remain unchanged. June 17, 2016: Email response received from Utility Circulations stating that Allstream is now called Zayo and all submissions in the future should be sent to Utility.Circulations@Zayo.com.	June 17, 2016: JH sent email response asking if it is acceptable to remove Allstream from mailing list. June 17, 2016: JH sent email response that we would stop sending no ices for his project only. JH confirms that the EA is proposing to expand the waste footprint area within the exis ing boundaries of the landfill.	
Rogers Communications	Ms.	Marian	Wright	Planning Coordinator				
Union Gas Limited	Ms.	Lindsay	Robinson	District Engineer	August 10, 2015: MP removed contact as per email received from Youmna Ahmed.			
Union Gas Limited	Ms.	Youmna	Ahmed	Hamilton District Engineering EIT II	August 10, 2015: Contact added by MP as per email received.	August 4, 2015: Email received sta ing that Lindsay Robinson is no longer the Hamilton District Engineer. Any Hamilton/Halton/Haldimand related inquires are to be forwarded to Nadwa Elbadri. This project impacts the London district more than the Hamilton district and forwarded to counterparts in that area. Second email received providing contact informa ion for Nick Jones (London District).	August 4, 2015: JH sent email response thanking Youmna for he email and that we will update our mailing list to direct future correspondence to Ms. Nawda Wlbadri. JH asked if we should contact the London district directly. JH had phone conversation with Youmna Ahmed and the only person we need to send correspondence to is Nick Jones.	
Union Gas Limited	Ms.	Nadwa	Elbardri		August 10, 2015: Contact added & removed by MP as per email correspondence with JH and Youmna Ahmed.			
Union Gas Limited	Mr.	Nick	Jones	London District Engineering	August 10, 2015: Contact added by MP as per email correspondence with JH and Youmna Ahmed.	August 13, 2015: Email received stating that he has had a chance to review he notice provided. States in email that here is a station to the southwest of the site in questions and a main located on the east side of 123 County Rd. Requested that we provide more detailed drawings of the proposed expansion. Asked if there will be new access roads and new vehicle lods, and what solid waste is currently being disposed at the current location. June 15, 2016: Email received stating that he has had a chance to review the no ice provided and that his response is he same as his response in the summer of 2015. States in email that there is a station to the southwest of the site in questions and a main located on the east side of 123 County Rd. Requested that we provide more detailed drawings of the proposed expansion. Asked if there will be new access roads and new vehicle lods, and what solid waste is currently being disposed at the current location. Also requested detailed plans of construction for review and comments when ready.	August 14, 2015: JH sent email response thanking Nick for his email. Email describes the project and states that there are no detailed plans as of yet and would occur after EA approval when the preferred method is selected. JH points Nick to he Town's web site for current landfill site operations. The EA team was not made aware of the facili ies or their locations stated in his email and requested for a more detailed description of the facili ies and an AutoCAD file with geographic positioning information. June 15, 2016: JH sent email response thanking Nick for his email regarding questions/comments. 1. JH provided link to the Town's website where all reports and backgroun informa ion can be found. He also clarified that the extent of the landfil property is not changing. 2. JH indicated that there will not be new access roads and we will not be not be anticipating new vehicle loads. 3. Landfill disposal is restricted to non-hazardous municipal solid waste, leaf and yard waste as well as a public drop-off area for blue box materials, waste electrical and electronics equipment. We are not anticipating any changes to disposal materials. 4. Union Gas Limited will be kept on the contact list.	
Bell Canada	Ms.	Wendy	Lefebvre	Design Manager, Access Network				
Bell Canada	Mr.	Scott	Moon	Implementation Department				

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Fes ival Hydro	Ms.	Kathy	Pearson	Engineering	February 23, 2015: Contact removed as per returned Notice of Commencement Response Form from Doug Eckel.			
Fes ival Hydro	Mr.	Doug	Eckel	Manager	February 23, 2015: Contact added as per returned Notice of Commencement Response Form.	December 3, 2014: Notice of Commencement Response Form received with option 'remove from Study Mailing List'		
Rogers Business Solutions	Mr.	Tony	Basson	Director of Environment and Sustainability				
Blink Communications								
Enbridge Pipelines Ltd.	Ms.	Ann	Newman	Crossing Co-ordinator	August 10, 2015: Contact removed by MP as per email correspondece with Chris Pincombe.	August 7, 2015: JH sent email response to Mr. Pincombe if we can remove Enbridge Pipelines Inc. from our mailing list.		
Trans Canada Corporation- Lehman and Associates Office (Ontario)	Ms.	Darlene	Presley	EA contact				
Trans-Northern Pipelines Inc.	Mr.	Satish	Korpal	Coordinator, Crossings and Facilities				
Perth District Health Unit	Dr.	Miriam	Klassen	Medical Officer of Health & Chief Executive Officer	February 26, 2015: Contact updated by MP to prefer email communication only as requested on Notice of Commencement Response Form.	February 26, 2015: Email received from Laura Robinson with attached Notice of Commencement Response Form received with option 'prefer email communication' and comment that it's important for the MOH be kept informed about the progress of the project for public debates purposes. February 26, 2015: Fax received from Laura Robinson with attached Notice of Commencement Resposne Form that was received by email.		
Upper Thames Region Conservation Authority	Ms.	Tracy	Annett	Planner	Contact removed as per response received from Karen Winfield on Feb 13, 2015 replaced Ms.			
Upper Thames Region Conservation Authority	Ms.	Karen	Winfield	Land Use Regulations Officer	Contact added as per email received from Karen Winfield on Feb 13, 2015 with attached response form and UTRCA comment letter.	Email comment with attached response form and UTRCA comment letter received Feb 13, 2015 in response to NOCm. Noted that had previously provided comments re draft TOR, but provided more regarding technical review and advisement related to natural heritage, water resources and natural hazard mgt pursuant to relevant legislation and polices of UTRCA. Tech staff would like to review draft docs including ESR and public presentation. Noted that lands in study area within UTRCA regualated nat hazard and nat heritage areas therefore written approval required. Also noted that digital mapping can be obtained from UTRCA. May 20, 2015: Email response received. Provided "informal" comments from their terrestrial ecologist, acqua ic biologist and snake/reptile biologist and fish sampling records attached for the Sgarglia Muncipal Drain. Comments include using the more recent ELC classification for vegetation communitiies; List of plants should be broken out by begetation community instead of an overall list; bat surveys may require additional monitoring sta ions; Found sallmouth bass downstream the Sgarglia Drain; No records of Redside Dace as a potential SAR; Information provided regarding softshell habitat; Suggestions for the milksnake surveys and surveys for snapping turtles. August 29, 2015: Email received wi h attached UTRCA comments regarding the (Draft) Hydrogeoloigcal Work Plan. October 9, 2015: Email comment provided in response to JR's email on October 7, 2015. Asked for clarification if it jus the Drinking Water Source Protection mapping that she is looking for or the Regulated and Natural Heritage areas hat were previously provided to Burnside. Also asked if shapefiles or pdfs are needed. Asked to confirm with Phil Simm from the GIS department. October 23, 2015: P.Simm sent email response to Joy stating that hey typically distribute the source protectin data using GIS mapping meaning we would need ESRI ArcGIS.	April 24, 2015: TR sent Ms. Winfield email explaining how the TOR was approved by the MOECC and that the first step in the EA is to assess whether it is preferable to export waste to a site outside St. Marys or whether it is preferable to expand the existing St. Marys landfill. Requested comments or questions regarding the proposed methodology and scope of work. August 31, 2015: JH sent email response thanking UTRCA for their comments. States in email that he is sharing their comments with the EA Team and if they are in agreement with the comments they will incorporate them into the Work Plan (with no further reply). October 7, 2015: JR sent email to Karen stating that Jamie passed her comments on regarding the hydrogeological work plan along and that they've been incorporated them into the draft work plan. Waiting for the MOECC to provide heir final comments. Proceeding with the collection of background hydrogeological data. Asked for any source protection data available and to supply mapping on vulnerabilty and water budget. Asked who would be he best person to contact to obtain this information. October 19, 2015: Joy sent email to Phil Simm as requested by Karen to confirm requested mapping information (i.e., the Drinking Water Source Protection maping). Requested that shapefiles be sent to Sally Ker. November 2, 2015: J. Rutherford sent email response with attached signed agreement and that ArcGIS is fine.	Must obtain written approval for works within UTRCA nat hazard and nat heritage regulated lands wi hin study area. Request digital mapping from UTRCA
St. Marys Fire Department	Mr.	Dennis	Brownlee	Fire Chief	Send 1 hard copy of EA			
County of Perth Ambulance	Mr.	Cliff	Eggleton	EMS Deputy Chief/ Operations Manager				
Heritage St. Marys	Mr.	Larry	Pfaff	Co-Chairperson	c/o Trisha McKibbin, Manager of Cultural Services			
Heritage St. Marys; St. Mary's Museum	Ms.	Jan	Mustard	Co-Chairperson	Also number for St. Mary's Museum added February 2015 by AG as per call to confirm contact details			
Middlesex (London) OPP Dispatch	Mr.	Steve	Porter	Inspector	March 9, 2015: Contact removed as per returned Notice of Commencement Response Form.	March 6, 2015: Notice of Commencement Response Form received from Donna Caldwell with option 'remove from Study Mailing List'.		
Avon Maitland District School Board				Planner				

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
Huron Perth District Catholic School Board	Ms.	Anne Marie	Nicholson	Planner	February 20, 2015: Contact name added as per received email from Denise DeJong.	February 17, 2014: Email received from Denise DeJong with attached response form. Indicated that they are not interested in providing input regarding this Study but would like to be kept informed and to be left on the Study Mailing List. June 14, 2016: Email received from Denis DeJong with attached letter. Letter states that they have no concerns win regards to the EA.		
Conseil scolaire Viamonde				Planner	Send 1 hard copy of EA to appropriate school board			
Conseil scolaire de district des écoles catholiques du Sud-Ouest					Send 1 hard copy of EA to appropriate school board			
Canadian Pacific Railway- Pension Real Estate/ Land Management Office					Contact not confirmed by left on list (potentially CRA list from years ago?). Could not find contact online to check if up to date			
CN Rail	Mr.	Stefan	Linder	Manager, Public Works Design and Construction	Send 1 hard copy of EA			
Hydro One Real Estate Management	Ms.	Joan	Zhao		Contact added to list as per correspondence between Jamie Hollingsworth and Cyrus Elmpak-Mackie from Hydro One on November 19, 2013.	Email received from Cyrus Elmpak-Mackie (Hydro One) on November 19, 2013. Noted that initial review had confirmed that Hydro One Transmission facilities located within vicinity of Project area. Requested that time given to allow relocation or midification if necessary. Requested that develepment should not reduce line clearance, limit access to facilities and that construction must maintain electrical clearance from transmission line conductors. Integrity of structure foundations must be maintained at all times with no disturbance to earth around poles, guy wires, and tower footings. Must not be grading, excavating, filling or o her civil work close to structures. Noted planning shall consider that existing rights of ways may have provisions for future lines or existing secondary land uses. Once impact on facilities is determined, RJB must submit plans that detail development of affected Hydro One facili ies to Joan Zhao. Proponent responsible for costs of modification or relocation of Hydro One facilities. / Phone call between Jamie Hollingsworth and Joan Zhao on November 20, 2013. Ms. Zhao noted doubt that Hydro One needs to be involved/is interested in the revised TOR. Requested a map and said would confirm interest. March 2, 2015: Email received from Ms. Zhao asking for site loca ion/study area map as there was no diagram attached to the letter received on February 9, 2015. March 2, 2015: Phone conversation between Ms. Zhao & JH. Ms. Zhao noted hat the Customer Transformer Station is within the Study Area Vicinity (St. Marys Cement). She will likely be the front person for the Hydro One correspondence. Happy with email corresopndence unless there are maps or similar to review. It will take her a bit of time (beyond March 13, 2015) to review and provide comments. No indication on how much time will be needed. March 2, 2015: Email response received from Ms. Zhao thanking JH for the update and call back. States that she would prefer email communication except for large drawings (require true scale copy for reveiw). March 31, 2015: Email received from Ms. Zhao regarding feedback received from Hydro One's stakeholders. The email provides comments pertaining to drainage, access, clearance around Hydro One structures, detailed drawings, and environmental impact. Please see email for more detailed comments.	March 2, 2015: JH sent email response to Ms. Zhao's email attaching a copy of the file that was mailed to her, stating where the map is located in the package. JH also provided a list of other people at Hydro One who also received a similar file. March 31, 2015: JH sent email response thanking Ms. Zhao for her email comments. Attached drawing provides details regarding the corridor and power lines to the cement plant. Power lines do not cross the Town's property and all associated works, including site drainage would be entirely within the Town's property. JH requested that any additional data that Hydro One may have be forwarded to incorporate in our mapping data. JH addresses fifth bullet regarding blown litter and the possibility of it causing future power interruption and will be considered for the EA.	Email response sent by Jamie Hollingsworth on November 19, 2013 thanking for response and noting that comments and updates have been incorporated into agency mailing list. / Email sent to Joan Zhao by Jamie Hollingsworth on November 20, 2013. Thanked for phone call. Included attached Figure 5.2 from draft TOR which is a map of existing landfill and study areas (on-site and vicinity). Noted that full TOR can be downloaded on Town's website +provided link. Exaplined generally what goal of Individual EA is and noted 2 options 1. Expand existing landfill's capacity (within on-sitestudy area) 2. Export the waste to a facility outside of St. Mary's. Noted that nuisance from the expansion may be experienced iwith the study area vicinity(1000 M beyond propoerty boundary). Noted that new waste footprint must be at least 30 M inside property boundary, & likley to be at least 100 M inside in order to satisfy MOE landfill design guidelines. Noted that from call earlier that day, understands that Hydro One unsure if will be impacted by EA. **PROVIDE FOLLOW UP REGARDING DEVELOPMENT PLANS WITH MS. ZHAO AS EA PROGRESSES.**
Hydro One Networks Inc.	Mr.	Brian	McCormick		Contact added by MP as per requested by Jamie Hollingsworth in email sent from Joan and information updated as per email received July 29, 2015	March 31, 2015: Email received from Ms. Zhao regarding feedback received from Hydro One's stakeholders. The email provides comments pertaining to drainage, access, clearance around Hydro One structures, detailed drawings, and environmental impact. Added contact. July 29, 2015: Email received with updated confirmation.	July 29, 2015: MP sent email response stating that contact information would be updated.	

Agency/Organization	Title	First Name	Last Name	Position	Contact Notes	Comments Received	Response Provided	Action Required
St. Marys Cement	Mr.	Matthew	Novada	Environental Coordinator	November 11, 2015: Contact added by MP as per email correspondence with Caitlin Martin.	September 10, 2015: Email received stating that he is the contact for any needs on the hydrogeological assessments. States that they had one done in 2011/2012. September 10, 2015: Will get Golder to send a digital copy of report. October 7, 2015: Asked if C. Martin was able to receive the information requrested from Golder's report. November 4, 2015: Requested a timeline for his phase of work. December 16, 2015: Provided answer/comemnts/questions to questions emailed on November 4. Only extract minimal amounts of clay from the cement plant on Water Street. March 16, 2016: Forwarded Borehole Data at Town Landfill referencing "potential donation area."	September 10, 2015: Thanked for the email response. Requested a copy of the study men ioned. September 14, 2015: C. Martin attached a list of questions. Most concerned about the Monitoring and Future Operations questions. November 4, 2015: C. Martin apologized for the length in responding to email. Stated that she did received the Golder Report and it provided some information required but still have some questions that need answering. November 5, 2015: Questions under he "Monitoring" heading is the most important and answer to the remaining ques ions should be completed by the beginning of December. December 21, 2015: C. Martin thanked M. Novada for the information provided and specifically asked for well logs a number of wells (see email). March 16, 2016: Forwarded email chain with Dave Marriott of the MNR	

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Response Provided
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Chief	Chris	Plain	Chief	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. August 20, 2015: Town of St. Marys sent email regarding Town of St. Marys - Future Solid Waste Disposal Needs Environmental Assessment, original copies to be mailed.		
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Ms.	Sharilyn	Johnston		April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. Contact details updated June 18, 2015 as per email received from Ms. Johnson on April 24, 2015 in response to invitation to site visit (orginally scheduled for May) and availability of Work Plan for review and comment. Ms. Johnson thanked for information and noted that Aamjiwnaang interested in visiting. Noted that fee required for monitors to attend. T Radburn responded on April 24, 2015 noting that the town and Project Manager would respond regarding fees for monitor attendance. June 22, 2015: TR sent Sharilyn email encouraging Aamjiwnanng First nation to attend the upcoming field work at the landfill site on Tuesday, June 23, 2015. The email provides background information regarding funding and participation regarding Aboriginal First Nation Communities. The email also states that the St. Marys project team intends to initiate contact in starting efforts to develop a coordinated participation, review and commenting plan.	August 21, 2015: Wanda Meness sent email explaining that she is CEO of Tri-Tribal Monitoring Services (TTMS), which contracts work for Aamjiwmnaang First Nation. Asked if we are looking for a bid from (TTMS).	Augsut 24, 2015: Town of St. Marys sent email response explaining the EA and that Aamjiwnaang First Nation has expressed interest in the project and the correspondence provided is simply just and update on the project with an opportunitied to provide comments about it. Augsut 24, 2015: JH also provided email response to Wanda Maness with a summary of their phone conversation, which includes: - The Town sent letters to Aamjiwnaang First nation; - In April, Aamijiwnaang was invited to participate in the spring ecological field work program and there was correspondence between Sharilyn regarding costs with sending monitors; - Other First Nation communities indicated that funding is also required for similar participation and the Town has left these communities to agree amongst themselves on how they are to participate in the EA process with a writeen proposal. The town will then review and decide how to proceed.
Aamjiwnaang First Nation (Formerly Chippewas of Sarnia FN)	Mr.	Wilson	Plain Jr.				
Caldwell First Nation	Chief	Louise	Hillier	Chief		March 18, 2015: Email received from Carrie Ann Peters on behalf of Chief Hillier requesting information on the EA Study and to schedule a Consultation meeting if necessary.	
Caldwell First Nation	Ms.	Carrie Anne	Peters		April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.	February 26, 2015: Email received from Carrie Ann Peters on behalf of Chief Louise Hillier and Council. Wishes to be notified when discussions begin and wants to set up a meeting to speak about the project.	

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Response Provided
Chippewas of Kettle and Stony Point FN	Chief	Thomas	Bressette	Chief	September 28, 2015: Letter received by Town of St. Marys. Provides an introduction of role and background of Chippewas of Kettle and Stony Point First Nation. Interested in consulting with the Town of St. Marys. At prest time, the First Nation does not have any additional comments or concerns with the activity / project that is being proposed on Traditional Territory. Thankful for being provided information and reserves the right to initiate meaningful consultation discussion. Would like to be notified if the scope of the project changes and/or amendments are made.		
Chippewas of Kettle and Stony Point FN	Ms.	Suzanne	Bressette	Communications Relations Officer	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.		
Chippewas of Kettle and Stony Point First Nation	Ms.	K. Suzanne	Bressette	Consultation Coordinator	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.	September 28, 2015: Letter received by the Town. Introduced oneself and role. Letter states that the First Nation does not have any additional comments or concerns with the EA project. Thanked for providing information and would like to be kept informed.	October 20, 2015: Town sent letter via mail thanking for their September 28, 2015 repsonse to the Town's EA process participation letter dated August 20, 2015. Letter states that they will be kept informed as the EA work advances.
Chippewas of the Thames First Nation	Chief	Robert, 'Joe'	Miskokomon	Chief			
Chippewas of the Thames First Nation	Ms.	Mary	Alikakos	Senior Environmental Officer, Treaty, Lands & Enforcement	- Dec. 17, 2013: Sent email to MOECC indicating that they cannot respond to the draft TOR until late January 2015. - Jan. 20, 2014: Requested a meeting with the Project Team. - Jan. 24, 2014: Provided additional contact details for Ms. Fallon Burch. - Feb. 4, 2014: Mary Alikos & Fallon Burch met with the Project Team at the Town of St. Marys. See meeting notes. Action items from Meeting Notes are addressed in the Town's letter to COTTFN dated Aug. 20, 2015. Follow-on emails provided copies of recent annual landfill monitoring reports. It was recognized that future communications would follow the Minister's approval of the TOR.		
Chippewas of the Thames First Nation	Ms.	Rolanda	Elijah	Director of Lands and Environment Department	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.		
Chippewas of the Thames First Nation	Ms.	Fallon	Burch	Consultation Coordinator	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.		
Delaware Nation (Moravian of the Thames)	Chief	Greg	Peters	Chief			

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Response Provided
Delaware Nation (Moravian of the Thames)	Ms.	Tina	Jacobs	Lands and Resources Consultation Manager			
Delaware Nation (Moravian of the Thames)	Mr.	Justin	Logan	Lands and Resources Consultation Assistant			
Haudenosaunee Development Institute	Ms.	Hazel	Hill	Interim Director, Six Nations of the Grand River Territory	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.	August 10, 2015: Email received from Tracey L. General (Admin Assistant) with attached letter. The letter states that the Haudenosaunee hold rights and interest in the area and that the Project will have a significant impact and infringement upon those rights and interests. The process currently inititated by the Town is not capable of upholding the honour of the Crown and does not provide the Town with the opportunity to make an assessmen of their rights and interests; provide them with the opoortunity to set out and clarify rights and interests such that the Province of Ontario and assess them. They are trusting that the MOECC will withhold any approval of the Project until the honour of the Crown and their treaty relationship is considered and fulfilled. Application for Consideration and Engagement for Development attached to letter. February 11, 2016: Email received from T.General with a list of dates available for meeting with HDI. February 17, 2016: T. General confirmed address.	February 9, 2016: D. Blake sent email with attached letter thanking her for for her response to the Town's EA process participation letter dated August 20, 2015. A list of available dates to meet with Ms. Hill were provided. February 12, 2016: D.Blake sent email response with a meeting date of February 29, 2016. Asked to confirm address of the meeting.
Mississaugas of New Credit First Nation	Ms.	Margaret	Salt	Director of Lands, Resources and Management		Asked to send correspondance to Chief and Margaret Salt, CC Carolyn King	
Mississaugas of the New Credit First Nation	Chief	Bryan	LaForme	Chief		Asked to send correspondance to Chief and Margaret Salt, CC Carolyn King	
Mississaugas of the New Credit First Nation	Ms.	Carolyn	King	Geomatics Environmental Technician		Asked to send correspondance to Chief and Margaret Salt, CC Carolyn King	
Munsee-Delaware First Nation	Chief	Roger	Thomas	Chief		April 7, 2015: Town of St. Marys received letter from Chief Roger Thomas acknowledging receipt of our notice that was published on February 9, 2015.	
Munsee-Delaware First Nation	Mr.	Dan	Miskokoman	Band Manager	Roger Thomas main contact,send Dan correspondence as second contact		
Oneida of the Thames First Nation	Chief	Joel	Abram	Chief	June 22, 2016: PB forwarded letter addressed to Chief Joel Abram to council@onieda.on.ca.		June 22, 2016: PB sent email response as instructed with attached letter that was sent to Council regarding the upcoming PIC. A website link was also provided for further information.
Six Nations of the Grand River	Chief	William K.	Montour		Email correspondence to chief and Joanne, CC Caron Smith April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. July 29, 2015: MP emailed letter and Notice of PIC#1		

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Response Provided
Six Nations of the Grand River	Ms.	Caron	Smith		Email correspondence to chief and Joanne, CC Caron Smith April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. July 29, 2015: MP Emailed letter and Notice of PIC#1.		
Six Nations of the Grand River	Ms.	Joanne	Thomas	Consultation Point Person	Email correspondence to chief and Joanne, CC Caron Smith April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan. TR sent email on June 18, 2015 inviting contact to site visit on Tuesday June 23, 2015. Provided information regarding date and time of meeting, events to occur and safety equipment required. AG called chief's number on June 18, 2015. Forwarded to J Thomas's number which AG added to contact list. AG left message on machine to follow up whether invitation to site visit (sent June 18, 2015) received. Noted that RRSVP not necessary, but provided time, location and safety required if representative going to attend. Noted also that will be future oportunity for visits and to contact Tricia Radburn if any further questions/comments regarding the project. Hopes to see a representative next week! AG left message for Ms. Thomas on June 22, 2015 inquiring whether would have a representative attending June 23, 2015 site visit and/or had recieved invitation. Provided Tricia Radburn's contact information to confirm attendance or if have any questions.	June 25, 2015: Email recevied apologizing for not responding sooner. They did not have anyone attend the St. Marys landfill but would appreciate being kept informed of the project.	
Walpole Island First Nation (Bkejwanong Territory)	Chief	Burton	Kewayosh Jr.	Chief			
Walpole Island First Nation (Bkejwanong Territory)	Mr.	Dean	Jacobs	Consultation Manager	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.		

Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

Agency/Organization	Title	First Name	Last Name	Position	Project Notes	Comments Received	Response Provided
Walpole Island First Nation (Bkejwanong Territory)	Mr.	Jared	Macbeth	Consultation Manager	April 24, 2015: TR sent email regarding St. Mary Solid Waste Management Environmental Assessment - Work Plan for review and invitation to observe fieldwork. The email provides background information regarding the first steps in the EA. The community has previously expressed an interest in participating in the EA work program and attached is the draft Ecological Work Plan for reveiw. The email also provides the spring field work plan.		
Windsor Essex Metis Council	Mr.	Andrew	Good	President			
Metis Nation of Ontario	Mr.	James	Wagar	Manager of Natural Resources	Address and website updated November 19, 2013 as per delivery failure from Purolator and online contact search by Jamie Hollingsworth		
Metis Nation of Ontario	Mr.	Gary	Lipinksi				
Association of Iroquois and Allied Indians	Ms.	Denise	Stonefish	Deputy Grand Chief			
Six Nations of the Grand River, Six Nationas Lands and Resources	Mr.	Lonny	Bomberry	Director		September 21, 2015: Town of St. Marys received letter acknowledging receipt of our letter and notice dated August 20, 2015 regarding the EA. Advises that Six Nations has it's own consultation policy and process to which they are bound and obligated to use in discussions with any projects affecting their rights and interests. Provided links to policies, processes, land rights, and interests. At this time, have no further comments but would appreciate the opportunity to review the archaeological work once completed.	October 20, 2015: Letter sent via mail thanking for their response and that they will be kept informed of the EA work including the Archaeological and Cultural heritage Work Plan reporting (as requested), as well as other reports and be able to provide opportunities for feedback.

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	Contact Notes	Comments Received	Response Provided
	MS.	ANGELA HELEN	BAFFES	MR.	JOHANNES ADRIANUS	SMIT	1642 PERTH ROAD 123			
	Ms.	ANNA MARIA C	WIEGGERS				462 WATER ST S			
	MR.	BRIAN KEITH	CHRISTIE	MS.	EVELYN ROSE	CASSAR	1670 PERTH ROAD 123			
	MR.	BRIAN KEITH	WESTON				1654 PERTH ROAD 123			
	MS.	CHRISTINE GERTRUDE	WEESSIES	MS.	KELLY-LYNN	BATTEN	4468 LINE 3			
	MR.	CHRISTOPHER JOHN	GRENDA	MS.	TRACEY LYNN	MUIR	1602 PERTH ROAD 123			
	MR.	DANIEL WAYNE	MCCURDY	MS.	KRISTENE ANNE	MCCURDY	1764 PERTH ROAD 123		June 14, 2016: Received notice of PIC#2 and requesting a clearer map than the one shown on the notice. This assessment and possible alternatives directly affect the family.	June 15, 2016: Dave Blake provided email response. Email states that the McCurdy's are already on the mailing list. He also provied the Town's website for a more detailed map of the landfill and surrounding area. He recommended these websites as the reports deal with noise and dust and odours.
RIORDAN ARTHUR D ESTATE	**MR.**	**DAVID**	**RIORDAN**				**1050 Water Street South**	**CM - updated Jan. 7, 2016 after contacting Dave Blake; old address below in RED**		
RIORDAN ARTHUR D ESTATE	MR.	DAVID	RIORDAN				1025 WATER ST S	September 15, 2015: Removed from list by MP as per returned Notice of PIC#1 received by mail with stamp 'Moved / Unknown'		
	MR.	DAVID IAN	FLETCHER		ANTONIETTA	FLETCHER	PERTH RD 123			
	MR.	DAVID ROY	CARLBERG				1738 PERTH ROAD 123			
	MR.	DAVID ROY	CARLBERG	MS.	MARLENE FERN		1732 PERTH ROAD 123	February 17, 2015: Removed from list by MP as per returned Notice of Commencement received by mail with sticker 'Address Incomplete Moved/ Unknown'		
	MR.	DELMER GERALD	THOMPSON				466 WATER ST S			
	MR.	DOUGLAS BRUCE	RODWELL	MS.	CATHERINE ANNE	RODWELL	1726 PERTH ROAD 123			
	MR.	ERNEST WILLIAM	POWELL	MS.	AMY	POWELL	1720 ROAD 123			
	MR.	GLENN WILBUR	BRADLEY	MS.	MARGARET JEAN	BRADLEY	CON THAMES S PT LOT 38			
	MR.	GLENN WILBUR	BRADLEY	MS.	MARGARET JEAN	BRADLEY	4544 LINE 3			
	MS.	GLORIA YVONNE	FOSTER	MR.	CLARENCE ALLEN	FOSTER	1668 ROAD 123			
	MR.	JACOBUS JOHANNES	VAN NES	MS.	TERESA MARIE	VAN NES	17570 ELGINFIELD RD			
	MR.	JEREMIAH JACKSON	CLOSE	MS.	CASSIE LEE	KIPFER	4469 LINE 3			

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	Contact Notes	Comments Received	Response Provided
	MR.	JOHN ALAN	WITT		CHARLENE BEVERLY	WITT	PERTH ROAD 122			
	MR.	JOHN ALAN	WITT		CHARLENE BEVERLY	WITT	LINE 2			
499 JAMES ST. STM INC.	MR.	JOHN HUGH	REID				500 JAMES ST S	September 15, 2015: Removed from list by MP as per returned Notice of PIC received by mail with sticker 'Moved / Unknown' and hand written 'Not at 235'		
	MR.	KNOWLSON BROCK	HUESTON	MS.	BONNIE BELLE	HUESTON	4546 LINE 3			
ST MARYS CEMENT INC (CANADA)	MS.	LISA	BALDI				1595 PERTH ROAD 123			
ST MARYS CEMENT COMPANY	Ms.	LISA	BALDI				585 WATER ST S	**Send 1 letter with reference to all properties with this manager**		
ST MARYS CEMENT COMPANY	Ms.	LISA	BALDI				950 WATER ST S			
ST MARYS CEMENT COMPANY	Ms.	LISA	BALDI				WATER ST S			
ST MARYS CEMENT COMPANY	Ms.	LISA	BALDI				588 THOMAS ST			
ST MARYS CEMENT COMPANY A DI	MS.	LISA	BALDI				4570 LINE 5			
ST MARYS CEMENT COMPANY A DI	MS.	LISA	BALDI				1579 PERTH ROAD 123			
ST. MARYS CEMENT INC.	Ms.	LISA	BALDI				25 FRONT ST			
	MS.	LYNN MARIE	CARR	MR.	WILLIAM JOHN	CARR	1628 PERTH ROAD 123			
	MS.	MARY LYNN	MUMBERSON	MR.	DANIEL CHARLES	MILLER	1748 PERTH ROAD 123			
	MR.	MICHAEL A	GROVER	MS.	PHYLLIS ELAINE	GROVER	LINE 2			
	MR.	NEIL JOSEPH	PRIMEAU	MS.	ELAINE RACHEL	PRIMEAU	1664 PERTH ROAD 123			
	MR.	RAKESH	MISTRY		ERIN LEIGH	MISTRY	PERTH RD 123			
	MR.	RANDY CLAYTON	PARTRIDGE	MS.	WENDY LOUISE	PARTRIDGE	1646 PERTH ROAD 123			
	MR.	RICHARD DAVID HUGH	GRATTON	MS.	KIMBERLEY ANNE	GRATTON	4461 LINE 3			
	MR.	RICHARD JAMES	BLACKLOCK	MS.	CANDICE LOUISE	BLACKLOCK	1730 PERTH ROAD 123			
	MR.	ROBERT MITCHELL	PASSMORE	MS.	CAROL ANN	PASSMORE	4495 LINE 3			
	MR.	ROBERT MITCHELL	PASSMORE	MS.	CAROL ANN	PASSMORE	NULL			
	MR.	ROLAND LLOYD	PENNER	MS.	DORIS INGA	PENNER	1652 PERTH ROAD 123			
	Ms.	ROSEMARY KATHERINE	REID				696 WATER ST S			
		SUNOVA FARMS INC	SUNOVA FARMS INC				17692 ELGINFIELD RD			
	MS.	TAMMY BARBARA	MCCURDY		JASON REGINALD	MCCURDY	1760 PERTH ROAD 123			
NUTRECO CANADA INC	MR.	TOM	WARREN				600 JAMES ST S			
	MR.	WILLIAM DOUGLAS	HEARD	MS.	AUDREY EILEEN	HEARD	1736 PERTH ROAD 123			
	MR.	WILLIAM FRANKLIN	KING	MS.	JULIE ANN	KING	1740 PERTH ROAD 123			
	MR.	ZORA	RIORDAN				1774 PERTH ROAD 123	February 18, 2015: Removed from list by MP as per returned Notice of Commencement received by mail with sticker 'Moved/ Unknown/ Return to Sender'.		
1/2 CENTURY HOLDINGS INC			1/2 CENTURY HOLDINGS INC				1912 JAMES ST			

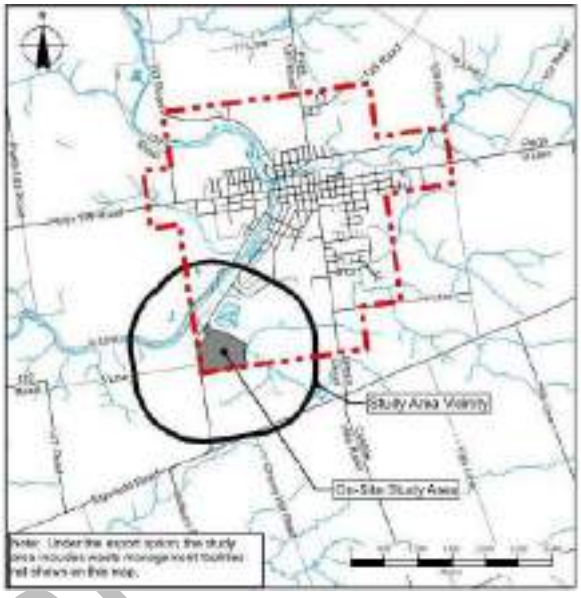
Project Name: Town of St. Marys Future Soild Waste Disposal Needs
Client Name: The Corporation of the Town of St. Marys
Project No.: 300032339

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	Contact Notes	Comments Received	Response Provided
CANADIAN NATIONAL RAILWAY - CN REAL ESTATE MANAGEMENT							277 FRONT ST W 8TH FLOOR	February 18, 2015: Removed from list by MP as per returned Notice of Commencement received by mail with sticker 'Moved/ Unknown/ Return to Sender'.		
CANADIAN NATIONAL RAILWAY CO							CNR LAND IN PERTH SOUTH			
DR MICHAEL NIXON DENTISTRY							520 WATER ST S			
KVC HOLDINGS, INC							500 WATER ST S			
MAPLE LEAF FOODS INC							1922 JAMES ST			
PERTH SOUTH TOWNSHIP							CON THAMES PT LOT 26,27,28 PT			
SHEPHERD GOURMET DAIRY(ONT)							38 ENTERPRISE DR			
ST MARYS TOWN - LIND SPORTPLEX SWIMMING QUARRY							425 WATER ST S			
ST MARYS TOWN CENTENNIAL PK							465 WATER ST S			
ST MARYS TOWN LANDFILL							WATER ST S			
ST MARYS TOWN TENNIS CRTS NON SWIMMING QUARRY							458 WATER ST S			
ST MARYS TOWN-FARM PROPERTY							JAMES ST S			
ST MARYS TOWN-FARM PROPERTY										
ST MARYS TOWN-FORMER CNR							THAMES AVE			
ST MARYS TOWN-FRMR CNR LAND										
ST MARYS TOWN-VACANT LAND							THOMAS ST			
ST MARYS TOWN-VACANT LAND PARKING LOT ACROSS FROM BASEBALL HALL OF FAME							478 WATER ST S			
UNION GAS LIMITED							1706 PERTH ROAD 123			

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.

Draft

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.	Jarrod	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

Draft

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	Korpal	Coordinator, Crossings and Facilities	45 Vogell Road	Suite 310	Richmond Hill	ON	L4B 3P6	skorpal@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.bressete@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	Ohsweken	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-delware.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

Draft

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.windsoressexmetis.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	Lipinksi		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

Draft