



**Petawawa Net Zero Facility
Consultation Report
August 16, 2022**

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1 Introduction

The Petawawa Net Zero project (Project) will transform the Petawawa Water Pollution Control Plant (WPCP) into a Resource Recovery Facility by upgrading its anaerobic digesters to digest an organic slurry along with wastewater solids and generate electricity with Combined Heat and Power (CHP) for the purpose of making the WWTP Net Zero in terms of energy use.

This Consultation Report has been written in accordance with the guidelines provided by the Ministry of the Environment, Conservation and Parks (MECP) in May 2019 entitled: “Consultation requirements and guidance for preparing the Consultation Report”. This report is required by the MECP to satisfy part of the requirements for a Renewable Energy Approval (REA) under Ontario Regulation 359/09 (O. Reg 359/09).

2 Consultation Summary

Consultation on the project started with a study to determine the feasibility of co-digesting organics with sewage sludge at the Petawawa WPCP (June 2019 to May 2019), with stakeholder consultation from March to August, 2019. A list of stakeholders consulted and a summary of their responses is included in Table 1. Responses are available upon request. An example of the letter sent to these stakeholders is provided in Appendix 1.

Stakeholder Contacted	Response Received	Response Summary
Garrison Petawawa	yes	No concerns
County of Renfrew	no	
Town of Arnprior	yes	No concerns
Town of Laurentian Hills	no	
Township of Whitewater Region	no	
Town of Deep River	no	
Town of Renfrew	no	
Town of Carleton Place	no	
Township of Greater Madawaska	no	
Township of Head, Clara & Maria	no	
Township of Horton	no	
Township of Killaloe, Hagarthy & Richards	no	
Township of Madawaska Valley	no	
Township of Admaston/ Bromley	yes	No concerns, project to consider treatment capacity for hauled sewage
Township of Bonnechere Valley	no	
Township of Brudenell, Lyndoch & Raglan	no	
City of Ottawa	no	
Local Farmers	no	
Glen Mclvary - Glenergy	no	
Canadian Nuclear Laboratories	no	

Petawawa Town Centre	no	
Petawawa Town Centre	no	
Small Business Association	no	
Upper Ottawa Valley Chamber of Commerce	no	
Calabogie Brewing	no	
Square Timber	no	
Whitewater Brewing	no	
Two Hawks Brewing	no	
O'Kenny Craft Spirits	yes	No concerns, potential collaboration
Perth Environmental	no	
Sanimax	no	
Rothsay	no	
Walker Environmental	no	
Green For Life	no	
Waste Connections	no	
Waste Management	yes	No concerns, potential collaboration
Miller Waste	no	
Beaumen Waste Management	no	
Pontiac Abattoir	no	
Ottawa Valley Waste Recovery Centre	yes	No concerns. Met August 16, 2019 to explain the project and potential for collaboration.
Enbridge	yes	No concerns

The results of the feasibility study informed the town that a co-digestion project was possible at the Petawawa WPCP, so the town a formal public consultation in accordance with O. Reg. 359/09. That process included:

- Notice of Project, Notice of First Meeting and Draft Project Description Report sent to Identified Indigenous Communities: November 5, 2020
- Notice of Project, Notice of First Meeting and Draft Project Description Report to Municipalities: November 5, 2020
- Notice of Project, Notice of First Meeting and Draft Project Description Report to the Public: November 5, 2020
- First Public Meeting: December 16, 2020
- Draft Project Description Report with report summaries and draft reports to Indigenous Communities, municipalities and the public: May 10, 2022
- Final Public Meeting: July 11, 2022

A copy of the correspondence and the notice of project and first public meeting are provided in Appendix 1. Copies of the Indigenous consultation list received from MECP, the list of municipalities consulted, and the property owners within 120m of the project site are provided in Appendix 2. Correspondence was via email and paper mail where email addresses were not available. Evidence the consultation form was distributed to municipalities is also included in this appendix. Additionally, A web page with project notices and reports is provided on the Town of Petawawa website to provide up to date information on the project and draft reports: <https://www.petawawa.ca/residents/public-works/wastewater-treatment-collection/notice-of-public-meeting-petawawa-net-zero-project-9099.html>. Local newspaper advertisements are provided in Appendix 3.

3 Indigenous Consultation

Evidence of the information required to be distributed to Indigenous Communities is provided in Appendix 2. The Algonquins of Ontario (AOO) reached out to the town on June 22, 2022 requesting more information on the project and subsequently informed the town that the location of the project is immediately adjacent to Petawawa Terrace Provincial Park, an area of extensive archaeological and cultural interest to Algonquin people. Also, the project is adjacent the Ottawa River (Kichi-Sìbi), which the AAO stated is an important area for Algonquin strategic and functional purposes.

The town met with representatives of the AOO on July 5, 2020 and subsequently the AOO requested the town do a stage 1 archeological investigation. Correspondence with the AOO is provided in Appendix 4. In response to this request, the town hired a qualified consultant to undertake a phase 1 archeological investigation. The project documentation was updated to include the results of the consultant's investigation in the "Cultural Heritage and Archaeological Resources Report" provided with this application.

4 Provincial Ministries Consultation

The town held a pre-consultation meeting with the MECP to discuss the project and clarify approval requirements on August 18, 2020 and November 15, 2021. Copies of the follow-up correspondence are provided in Appendix 5.

MNRF was consulted regarding Natural Heritage Assessment. Correspondence is included in Appendix 5.

MTCS was consulted regarding the checklists for archeological and cultural heritage assessments (0483e and 0484e). Correspondence is also included in Appendix 5.

5 Public Meetings and Project Feedback

Two public meetings were held, the first one December 16, 2020 and the final public meeting on July 11, 2022. The first meeting was a virtual meeting and the second meeting was held in-person. There was very limited public participation in both meetings. Attendees of the meetings included members of the project team from the town, Ontario Clean Water Agency and Anaergia. One member of the public attended the first public meeting, no members of the public attended the second. No correspondence was received from the public regarding the project other than from the AOO. Attendance lists are provided in Appendix 6.

6 Report Summary

The Town of Petawawa used several methods to consult with the public and those who could have an interest in the project. Consultation started at the very early stages of the project when the town was doing its feasibility study. Subsequent to the feasibility study when the town decided to proceed with the project, the town consulted with the public and parties that could have an interest in the project using email and paper correspondence, newspaper advertisements, a web page and public meetings. The only feedback received during consultation was the Algonquins of Ontario requested the town do a phase one archeological assessment, which the town completed.

Appendix 1: Consultation Notices

Letter sent to stakeholders during feasibility study:

March 1, 2019

County of Renfrew
9 International Drive
Pembroke, ON K8A 6W5

RE: Petawawa Co-Digestion and Energy Generation Feasibility Study

Dear Craig Kelly,

The Town of Petawawa (the Town) owns the Petawawa Water Pollution Control Plant (WPCP). The Petawawa WPCP services the Town of Petawawa and the Garrison Petawawa. The Ontario Clean Water Agency (OCWA) is operating the WPCP based on a contract with the Town. The WPCP includes primary treatment (screening, grit removal, pre-aeration, primary clarifiers), secondary treatment (Sequencing Batch Reactor), UV disinfection, sludge thickening process, as well as a full biosolids utilization program.

Currently, The Town is actively assessing opportunities to transform their WPCP into a Net Zero Resource Recovery Facility (RRF) to reduce waste to landfill, energy consumption and greenhouse gas (GHG) emissions and to increase the production of biogas to produce renewable energy for the facility and to potentially return energy to the grid. The study will take into consideration past studies and pilot trials, GHG emissions, operational and maintenance impacts, capital costs, potential funding opportunities, and regulatory framework in the biosolids industry.

Through this study, OCWA is assisting the Town to find the most economical and environmentally sound and socially responsible solution for dealing with the Town's digested sludge. Further, there is a possibility to enhance the existing bio-gas production in the WPCP and upgrade to either Renewable Natural Gas (RNG) having equal methane content and energy value as fossil fuel natural gas or any other use of the upgraded biogas to produce electricity and heat using Combined Heat and Power (CHP) generator.

This feasibility study is funded by Federation of Canadian Municipalities (FCM) under its "Green Municipal Fund" (GMF) that provides grants to support environmentally sustainable municipal feasibility studies and pilot projects.

As a part of this process, I am reaching out to you as a stakeholder to gather some information that will be considered in development of the study report. I would request you to provide brief information on the attached questions. We can set up a call to discuss this further if more information is required.

1. Do you see conflict, challenges or issues with your organization/business operations and this study?
2. Do you see any opportunities for your organization/business during the study?
3. Do you want to be contacted to discuss this study further?

Please reply to Indra Maharjan at imaharjan@ocwa.com or 416-775-0056 with a response to the questions above and if you have further questions on this study.

Thank you for your cooperation.

Regards,
David Unrau
Director of Public Works, Town of Petawawa

Notice of first public meeting (November 2020)

Aaron Law

From: Kate Bennett <kbennett@petawawa.ca>
Sent: November-06-20 2:43 PM
To: Kate Bennett
Subject: NOTICE OF A PROPOSAL & PUBLIC MEETING - PETAWAWA NET ZERO PROJECT
Attachments: Notice of Public Meeting.pdf

Good Afternoon,

On behalf of the Town of Petawawa Public Works Director, David Unrau please see attached Notice of a Proposal and Notice of Public Meeting in regards to the Petawawa Net Zero Project. Hard copies have been sent in the mail.

Kind regards,

Kate Bennett

Executive Assistant

Town of Petawawa

1111 Victoria Street

Petawawa ON K8H 2E6

Telephone: (513) 687-5536 ext. 2017

Fax: (513) 687-5973

kbennett@petawawa.ca



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Notice of a Proposal & Public Meeting by the Town of Petawawa to Engage in a Renewable Energy Project

Project Name: Petawawa Net Zero Project

Project Location: Petawawa Water Pollution Control Plant, located at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6. The Site has an area of 75.3 acres and is registered as Range Lake Pt Lot 17, RP49R6385 Parts 1 to 5, Petawawa, County of Renfrew; roll number 4779079020069000000.

Dated at the Town of Petawawa this 5th day of November 2020

The Town of Petawawa is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment, Conservation and Parks.

Meeting Location:

Date: Wednesday, December 16, 2020

Time: 6:30pm

Place: Virtual – Zoom

This public meeting will be live-streamed to the [Town of Petawawa's YouTube Channel](#) and can be viewed at the specified time above. All interested parties are invited to virtually attend the Public Meeting and any person who attends the meeting may make representations relating to the proposed renewable energy project by clicking on the following link:

<https://zoom.us/j/96644076304?pwd=R0RVNWdlU3pmZFZDNkNsaWlwQjdLZz09>

Meeting ID: 966 4407 6304

Passcode: 461876

Dial In: 1-647-374-4685

Project Description: Pursuant to the Act and Regulation, the facility, in respect of which the project is to be engaged in, is considered to be an Anaerobic Digestion Facility Class 3. If approved, this facility would have a total maximum name plate capacity of 200 kW. The project location is described in the map below.

Documents for Public Inspection: The project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled "Petawawa Net Zero Project: Renewable Energy Approvals Application: Project Description Report, Preliminary" describes the project as upgrading the existing anaerobic digester technology to convert the Water Pollution Control Plant (WPCP) from its traditional treatment-based process to a Resource Recovery process, achieving the goal of being an Energy Net Zero Plant. The proposed Project involves upgrading the plant's existing anaerobic digester(s), improving the digestion efficiency of the WPCP sludge and allowing additional biosolids and organics (from food waste or fats, oils and grease) to be brought into WPCP from the Town and neighbouring wastewater plants as well as other biosolid producers (breweries, commercial, restaurants, etc.). Biogas generated through the anaerobic digestion process would be used to produce renewable energy on-site through Combined Heat and Power (CHP) Engines and other beneficial use of biogas. A copy of the Draft Project Description Report is being made available for public inspection on November 6, 2020 at <https://www.petawawa.ca/residents/public-works/public-works-notices/notice-of-public-meeting-petawawa-net-zero-project-9099.html>. Written copies will be available at the Town Hall, 1111 Victoria Street, Petawawa, Ontario, K8H 2E6.

Project Contact and Information: To learn more about the project proposal, public meetings, or to communicate concerns please contact:

Mr. David Unrau, Director of Public Works
Town of Petawawa
Email: dunrau@petawawa.ca
Phone: 613-687-5536 Ext. 2018

Mr. Indra Maharjan, Director of Innovation, Technology and Alternate Delivery, Energy, Climate Change and Resource Recovery
Ontario Clean Water Agency
Email: imaharjan@ocwa.com
Phone: 416-775-0056



Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: April 28, 2022 10:31 AM
To: 'jstavinga@tanakiwin.com'; 'consultations@metisnation.org'; 'DMowat@alderville.ca'; 'NTaylor@alderville.ca'; 'inquiries@williamstreatiesfirstnations.ca'; 'EmilyW@curvelake.ca'; 'executivesecretary@curvelakefn.ca'; 'chiefcarr@hiawathafn.ca'; 'klarocca@scugogfirstnation.com'
Cc: 'David Unrau'; 'IMaharjan@ocwa.com'; 'Jane Ho'; 'Aaron Law'; 'Daniel Scissons'
Subject: Petawawa Net Zero Project
Attachments: 04.28.2022.Correspondence to First Nations re Petawawa Net Zero Project.pdf; PDR-ReportDRAFT_20220425.pdf

Good morning,

Please find attached correspondence from David Unrau, Director of Public Works for the Town of Petawawa, seeking input from your communities regarding the attached draft version "Petawawa Net Zero Project Renewable Energy Approvals Application: Description Report and Report Summaries, Preliminary". Hard copies of both the letter and the draft report have been sent in the mail.

Sincerely,

Dawn Recoskie, CMO, Dipl.M.A.

Deputy Clerk

Town of Petawawa

1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

www.petawawa.ca

Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: April 28, 2022 11:18 AM
To: 'algonquins@tanakiwin.com'; 'jrochon@tanakiwin.com'
Subject: FW: Petawawa Net Zero Project
Attachments: 04.28.2022.Correspondence to First Nations re Petawawa Net Zero Project.pdf; PDR-ReportDRAFT_20220425.pdf

From: Dawn Recoskie [mailto:drecoskie@petawawa.ca]
Sent: April 28, 2022 10:31 AM
To: 'jstavinga@tanakiwin.com' <jstavinga@tanakiwin.com>; 'consultations@metisnation.org' <consultations@metisnation.org>; 'DMowat@alderville.ca' <DMowat@alderville.ca>; 'NTaylor@alderville.ca' <NTaylor@alderville.ca>; 'inquiries@williamstreatiesfirstnations.ca' <inquiries@williamstreatiesfirstnations.ca>; 'EmilyW@curvelake.ca' <EmilyW@curvelake.ca>; 'executivesecretary@curvelakefn.ca' <executivesecretary@curvelakefn.ca>; 'chiefcarr@hiawathafn.ca' <chiefcarr@hiawathafn.ca>; 'klarocca@scugogfirstnation.com' <klarocca@scugogfirstnation.com>
Cc: 'David Unrau' <dunrau@petawawa.ca>; 'IMaharjan@ocwa.com' <IMaharjan@ocwa.com>; 'Jane Ho' <JHo@ocwa.com>; 'Aaron Law' <ALaw@ocwa.com>; 'Daniel Scissons' <dscissons@petawawa.ca>
Subject: Petawawa Net Zero Project

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1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

www.petawawa.ca

Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: April 28, 2022 11:26 AM
To: 'inquiries@williamstreatiesfirstnations.ca';
'communications@williamstreatiesfirstnations.ca'; 'executivesecretary@curvelake.ca';
'reception@curvelake.ca'
Subject: FW: Petawawa Net Zero Project
Attachments: 04.28.2022.Correspondence to First Nations re Petawawa Net Zero Project.pdf; PDR-ReportDRAFT_20220425.pdf

From: Dawn Recoskie [mailto:drecoskie@petawawa.ca]
Sent: April 28, 2022 10:31 AM
To: 'jstavinga@tanakiwin.com' <jstavinga@tanakiwin.com>; 'consultations@metisnation.org' <consultations@metisnation.org>; 'DMowat@alderville.ca' <DMowat@alderville.ca>; 'NTaylor@alderville.ca' <NTaylor@alderville.ca>; 'inquiries@williamstreatiesfirstnations.ca' <inquiries@williamstreatiesfirstnations.ca>; 'EmilyW@curvelake.ca' <EmilyW@curvelake.ca>; 'executivesecretary@curvelakefn.ca' <executivesecretary@curvelakefn.ca>; 'chiefcarr@hiawathafn.ca' <chiefcarr@hiawathafn.ca>; 'klarocca@scugogfirstnation.com' <klarocca@scugogfirstnation.com>
Cc: 'David Unrau' <dunrau@petawawa.ca>; 'IMaharjan@ocwa.com' <IMaharjan@ocwa.com>; 'Jane Ho' <JHo@ocwa.com>; 'Aaron Law' <ALaw@ocwa.com>; 'Daniel Scissons' <dscissons@petawawa.ca>
Subject: Petawawa Net Zero Project

Good morning,

Please find attached correspondence from David Unrau, Director of Public Works for the Town of Petawawa, seeking input from your communities regarding the attached draft version "Petawawa Net Zero Project Renewable Energy Approvals Application: Description Report and Report Summaries, Preliminary". Hard copies of both the letter and the draft report have been sent in the mail.

Sincerely,

Dawn Recoskie, CMO, Dipl.M.A.

Deputy Clerk

Town of Petawawa

1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

www.petawawa.ca



TOWN OF PETAWAWA

1111 Victoria Street, Petawawa, Ontario K8H 2E6 • Telephone: 613-687-5536 / Fax: 613-687-5973
www.petawawa.ca

April 28, 2022

**RE: Petawawa Net Zero Project
Renewable Energy Approvals Application**

The Town of Petawawa is seeking input from Aboriginal communities on the attached draft version "Petawawa Net Zero Project Renewable Energy Approvals Application: Description Report and Report Summaries, Preliminary" prior to hosting the final public meeting to be held late June/early July 2022.

Specifically, the Town of Petawawa is requesting comments in writing regarding the following:

- Any information available to your community that should be considered when preparing the project documentation;
- Any information your community may have about any potential adverse impacts on Aboriginal or treaty rights; and
- Any suggested measures for avoiding, minimizing or mitigating potential adverse impacts.

At present, the Project is not expected to have any potential adverse impacts on Aboriginal or treaty rights.

Please provide any written comments regarding this Project to the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Unrau".

David Unrau, P. Eng., PMP
Director of Public Works
dunrau@petawawa.ca

cc: Algonquins of Ontario
Métis Nation of Ontario
Alderville First Nation
Curve Lake First Nation
Hiawatha First Nation
Mississaugas of Scugog Island First Nation

Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: May 10, 2022 7:47 PM
To: 'jrochon@tanakiwin.com'; 'consultations@metisnation.org'; 'DMowat@alderville.ca'; 'NTaylor@alderville.ca'; 'inquiries@williamstreatiesfirstnations.ca'; 'EmilyW@curvelake.ca'; 'reception@curvelake.ca'; 'chiefcarr@hiawathafn.ca'; 'klarocca@scugogfirstnation.com'; 'algonquins@tanakiwin.com'; 'communications@williamstreatiesfirstnations.ca'
Subject: Town of Petawawa Net Zero Project - Final Notice of Public Meeting
Attachments: 05.10.2022.Notice of Final Public Meeting - ACCESSIBLE.PDF

Good evening,

Please find attached notice of the final public meeting for the Town of Petawawa Net Zero Project. The public meeting will be held on Monday, July 11, 2022 from 4:00 p.m. to 6:00 p.m. in the Council Chambers at the Town Office, 1111 Victoria Street, Petawawa, ON K8H 2E6.

You may visit the Town's website at the following link for further information:

<https://www.petawawa.ca/residents/public-works/wastewater-treatment-collection/notice-of-public-meeting-petawawa-net-zero-project-9099.html>

Sincerely,

Dawn Recoskie, CMO, Dipl.M.A.

Deputy Clerk

Town of Petawawa

1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

www.petawawa.ca

Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: May 10, 2022 7:50 PM
To: 'kathleen.oneill@ontario.ca'; 'Paul Moreau'; 'azadow@countyofrenfrew.on.ca'
Subject: Town of Petawawa Net Zero Project - Notice of Final Public Meeting
Attachments: 05.10.2022.Notice of Final Public Meeting - ACCESSIBLE.PDF

Good evening,

Please find attached notice of the final public meeting for the Town of Petawawa Net Zero Project. The public meeting will be held on Monday, July 11, 2022 from 4:00 p.m. to 6:00 p.m. in the Council Chambers at the Town Office, 1111 Victoria Street, Petawawa, ON K8H 2E6.

You may visit the Town's website at the following link for further information:

<https://www.petawawa.ca/residents/public-works/wastewater-treatment-collection/notice-of-public-meeting-petawawa-net-zero-project-9099.html>

Sincerely,

Dawn Recoskie, CMO, Dipl.M.A.

Deputy Clerk

Town of Petawawa

1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

www.petawawa.ca

Dawn Recoskie

From: Dawn Recoskie <drecoskie@petawawa.ca>
Sent: May 10, 2022 7:52 PM
To: 'Bob Sweet (mayor@petawawa.ca)'; 'Gary Serviss'; 'James Carmody (jcarmody@petawawa.ca)'; Matthew McLean; 'Murray Rutz (mrutz@petawawa.ca)'; 'Theresa Sabourin'; 'Tom Mohns'
Cc: 'David Unrau'; 'Daniel Scissons'; Colin Howard; Kate Bennett
Subject: Town of Petawawa Net Zero Project - Notice of Final Public Meeting
Attachments: 05.10.2022.Notice of Final Public Meeting - ACCESSIBLE.PDF

Members of Council,

Please find attached notice of the final public meeting for the Town of Petawawa Net Zero Project. The public meeting will be held on Monday, July 11, 2022 from 4:00 p.m. to 6:00 p.m. in the Council Chambers at the Town Office, 1111 Victoria Street, Petawawa, ON K8H 2E6.

You may visit the Town's website at the following link for further information:

<https://www.petawawa.ca/residents/public-works/wastewater-treatment-collection/notice-of-public-meeting-petawawa-net-zero-project-9099.html>

Sincerely,

Dawn Recoskie, CMO, Dipl.M.A.

Deputy Clerk

Town of Petawawa

1111 Victoria Street

Petawawa, ON K8H 2E6

T: 613-687-5536 ext. 2003

F: 613-687-5973

drecoskie@petawawa.ca

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Mailing Labels

Algonquins of Ontario
Executive Director
Algonquins of Ontario Consultation Office
31 Riverside Drive, Suite 101
Pembroke ON K8A 8R6
Chief Dave Mowatt
Alderville First Nation
11696 Second Line
PO Box 46
Roseneath ON K0K 2X0

Chief Laurie Carr
Hiawatha first Nation
123 Paudash Street, R.R. #2
Keene ON K0L 2G0

Colin Howard
Clerk
Town of Petawawa
1111 Victoria Street
Petawawa ON K8H 2E6

Alana Zadow
Secretary Treasurer, Land Division
County of Renfrew
9 International Drive
Pembroke ON K8A 6W5

Ottawa MECP District
103-2430 Don Reid Drive
Ottawa ON K1H 1E1

VAN HOOF JOHN HENRY ESTATE
VAN HOOF ROSEMARIE
660 LAURENTIAN DR
PETAWAWA ON K8H 2N1

RENFREW COUNTY DISTRICT
1270 PEMBROKE ST W
PEMBROKE ON K8A 4G4

MARLOW ROBIN
MILLS MADELINE
581 LAURENTIAN DR
PETAWAWA ON K8H 2N2

WELLING RYAN DAVID
WELLING LINDSAY BLAINE
559 LAURENTIAN DR
PETAWAWA ON K8H 2N2

Metis Nation of Ontario
c/o Linda Norheim, Director of Lands,
Resources and Consultations
75 Sherbourne Street, Suite 311
Toronto ON M5A 2P9

Chief Emily Whetung-MacInnes
Curve Lake First Nation
22 Winookeeda Road
Curve Lake ON K0L 1R0

Chief Kelly LaRocca
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry ON L9L 1B6

Paul Moreau
CAO/Clerk
County of Renfrew
9 International Drive
Pembroke ON K8A 6W5

Kathleen O'Neill, Director
Environmental Assessment Branch – Ministry of
the Environment, Conservation & Parks
135 St. Clair Ave W
Toronto ON M4V 1P5

HYDRO ONE NETWORKS INC
ASSESSMENT & TAXATION REAL ESTATE
SERVICES & SECURITY
PO Box 4300
MARKHAM ON L3R 5Z5

EASTWAY CONTRACTING INC
100 CRANDALL ST
PO BOX 11
PEMBROKE ON K8A 6X8

NATIONAL DEFENCE CANADA
REGIONAL MANAGER PILT PUBLIC WORKS
CANADA
4900 YONGE ST SUITE 1205
NORTH YORK ON M2N 6A6

ALLARD SHANE KEVIN
ALLARD LINDA CLAUDIA
573 LAURENTIAN DR
PETAWAWA ON K8H 2N2

MITCHELL STEPHEN PATRICK
MITCHELL LISA MICHELLE
565 LAURENTIAN DR
PETAWAWA ON K8H 2N2

MASON GRAHAM
MASON JULIE
19 VAN HOOFF ST
PETAWAWA ON K8H 3C7

SPAGNOLO LINDA MARIE
35 LABINE CRES
PETAWAWA ON K8H 2J1

TINK JESSE COLLIN
1478 VICTORIA ST
PETAWAWA ON K8H 2G3

MACDOUGALL WILLIAM DEAN ROY
509 ABBIE LANE
PETAWAWA ON K8H 3P9

PIETERSMA SHARLENE HELEN
5 EAST ST
PETAWAWA ON K8H 2N7

PRYCE KENMORE
12 JAN DR
PETAWAWA ON K8H 3M5

WEEKS MATTHEW
8 JAN DR
PETAWAWA ON K8H 3M5

MOORE AARON LEE
MOORE VALERIE PATRICIA
4 JAN DR
PETAWAWA ON K8H 3M5

CLARK DEBORAH
CLARK STEVEN
3 JAN DR
PETAWAWA ON K8H 3M5

ROBIDOUX JOSEPH
PROULX MARIE
22 JAN DR
PETAWAWA ON K8H 3M5

BRUNETTE BARBARA
BRUNETTE THOMAS
1466 VICTORIA ST
PETAWAWA ON K8H 2G3

BRUNETTE CHRISTINE ANN
1446 VICTORIA ST
PETAWAWA ON K8H 2G3

GORELIC ROMAN
3 EAST ST
PETAWAWA ON K8H 2N7

MASTERS ANTHONY DAVID
517 ABBIE LANE
PETAWAWA ON K8H 3P9

LEE JUSTIN AVARD
LEE NIKKI MARILYN
14 JAN DR
PETAWAWA ON K8H 3M5

ROSS FREDERICK GRANT
ROSS GAIL MAXINE
10 JAN DR
PETAWAWA ON K8H 3M5

GERVAIS EVAN ROBERT
GERVAIS LAURIE LYNN MARY
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PETAWAWA ON K8H 3M5

**RICHARD ALEXANDRE
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11 JAN DR
PETAWAWA ON K8H 3M5

HUNT JAMES BRADLEY
16 JAN DR
PETAWAWA ON K8H 3M5

**BRAZEAU RICHARD
BRAZEAU AMY**
18 JAN
PETAWAWA ON K8H 3M5

**LACHANCE YVAN
NEWTON-LACHANCE HELEN**
19 JAN DR
PETAWAWA ON K8H 3M5

**MAGGIO DREW ALEXANDER
MAGGIO REBECCA JOYCE**
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**MACLAURIN IAN DANE
MACLAURIN REBECCA**
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PETAWAWA ON K8H 3M5

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3 EARL ST
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FRASER MARK
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BENEDET AMANDA LEE**
15 EARL ST
PETAWAWA ON K8H 3M4

**WHITELEY STEPHEN
WHITELEY MARGARET**
15 JAN DR
PETAWAWA ON K8H 3M5

WAGAR GRANT IVAN
17 JAN DR
PETAWAWA ON K8H 3M5

MCCARTNEY PAUL
20 JAN DR
PETAWAWA ON K8H 3M5

**LE CLERC ANDRE
LE CLERC IRENE**
6 EARL ST
PETAWAWA ON K8H 3M5

MCNAUGHTON ANDREW
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SPENCER SCOTT FREDRICK
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74 BAYSHORE DR
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LACROIX PATRICIA
66 BAYSHORE DR
PETAWAWA ON K8H 3R7

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JOHNSON MARGO
64 BAYSHORE DR
PETAWAWA ON K8H 3R7

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PETAWAWA ON K8H 3R7

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BIGRAS MARIE
SY CYR GUILLAUME
13 EAST ST
PETAWAWA ON K8H 2N7

BRITTON CELINE
4 EAST ST
PETAWAWA ON K8H 2N8



**Notice of a Final Public Meeting
by the Town of Petawawa
Regarding a Proposal to Engage in a Renewable Energy Project**

Project Name:

Petawawa Net Zero Project

Project Location:

Petawawa Water Pollution Control Plant, located at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6. The Site has an area of 75.3 acres and is registered as Range Lake Pt Lot 17, RP49R6385 Parts 1 to 5, Petawawa, County of Renfrew; roll number 4779079020069000000.

Dated at the Town of Petawawa this 10th day of May 2022

The Town of Petawawa is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment, Conservation and Parks.

Meeting Location:

Date: Monday, July 11, 2022

Time: 4:00 p.m. to 6:00 p.m.

Place: Council Chambers, 1111 Victoria Street, Petawawa, ON

Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which the project is to be engaged in, is considered to be an Anaerobic Digestion Facility Class 3. If approved, this facility would have a total maximum name plate capacity of 200 kW. The project location is described in the map below.

Documents for Public Inspection:

The project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled "Petawawa Net Zero Project: Renewable Energy Approvals Application: Project Description Report and Report Summaries, Preliminary" describes the project as upgrading the existing anaerobic digester technology to convert the Water Pollution Control Plant (WPCP) from its traditional treatment-based process to a Resource Recovery process, achieving the goal of being an Energy Net Zero Plant. The proposed Project involves upgrading the plant's existing anaerobic digester(s), improving the digestion efficiency of the WPCP sludge and allowing additional biosolids and organics (from food waste or fats, oils and grease) to be brought into WPCP from the Town and neighbouring wastewater plants as well as other biosolid producers (breweries, commercial, restaurants, etc.). Biogas generated through the anaerobic digestion process would be used to produce renewable energy on-site through Combined Heat and Power (CHP) Engines and other beneficial uses of biogas. A copy of the Draft Project Description Report is being made available for public inspection on May 10, 2022 at

<https://www.petawawa.ca/residents/public-works/wastewater-treatment-collection/notice-of-public-meeting-petawawa-net-zero-project-9099.html>. Written copies will be available at the Town Hall, 1111 Victoria Street, Petawawa, ON K8H 2E6.



Project Contact and Information:

To learn more about the project proposal, public meetings, or to communicate concerns please contact:

Mr. David Unrau, Director of Public Works
Town of Petawawa
Email: dunrau@petawawa.ca
Phone: 613-687-5536 ext. 2018

Mr. Indra Maharjan, Director of Innovation, Technology and Alternate Delivery, Energy, Climate Change and Resource Recovery
Ontario Clean Water Agency
Email: imaharjan@ocwa.com
Phone: 416-775-0056

Aaron Law

From: Dave Unrau <dunrau@petawawa.ca>
Sent: August-08-22 2:44 PM
To: Aaron Law
Cc: Indra Maharjan; 'Dawn Recoskie'
Subject: FW: Net Zero Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI and file.

David Unrau, P. Eng, P.M.P
Director of Public Works
Town of Petawawa

"We are not a team because we work together. We are a team because we respect, trust, and care for each other."

BE KIND! If you decide to forward this email to others in your address book, please delete the forwarding history, including my email address! This helps reduce the chances of hackers hijacking these addresses to use for spamming purposes.

Also, use ~Bcc: ~ instead of ~To:~ for your addressees. Thank you

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From: Dave Simpson [mailto:consultation@alderville.ca]
Sent: August 8, 2022 2:22 PM
To: dunrau@petawawa.ca
Cc: Dave Mowat <dmowat@alderville.ca>
Subject: Net Zero Project

Thank you for the notification of this project in Petawawa. I looks like this project will have little to no impact on the environment, please keep us posted as the project moves forward.

Dave Simpson
Alderville First Nation
consultation@alderville.ca
905 375-5480

Appendix 2: Consultation Lists

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

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

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

August 6, 2020

David Unrau
Director of Public Works
Town of Petawawa
1111 Victoria Street
Petawawa ON K8H 2E6
e-mail: dunrau@petawawa.ca

Indra Maharjan
Director of Innovation, Technology and
Alternate Delivery
Energy, Climate Change and Resource
Recovery
Ontario Clean Water Agency
One Yonge Street, Suite 1700
Toronto ON M5E 1E5
e-mail: imaharjan@ocwa.com

Dear Sirs:

RE: Notification of Proposed Renewable Energy Project

The Ministry of the Environment, Conservation and Parks (“ministry”) has reviewed the information provided in the draft Project Description Report (PDR) received for the Petawawa Net Zero Project (“project”). The ministry has reviewed the anticipated environmental effects of the project (as described in the PDR) relative to its current understanding of the interests of Indigenous communities in the area.

In accordance with section 14 of Ontario Regulation 359/09 “*Renewable Energy Approvals under Part V.0.1 of the Act*” (O. Reg. 359/09) made under the *Environmental Protection Act*, please find below the list of Indigenous communities who, in the opinion of the Director:

- i) have or may have constitutionally protected Aboriginal or treaty rights that may be adversely impacted by the project (s.14(b)(i)):

Aboriginal Community

Common Name:

Reserve Name [if applicable]:

Contact Information

Algonquins of Ontario
c/o Janet Stavinga, Executive Director
Algonquins of Ontario Consultation Office
31 Riverside Drive, Suite 101
Pembroke ON K8A 8R6
Email: jstavinga@tanakiwin.com

Métis Nation of Ontario
c/o Linda Norheim, Director of Lands,
Resources and Consultations
Suite 311 - 75 Sherbourne Street
Toronto ON M5A 2P9
Phone: 416-977-9881
Email: consultations@metisnation.org

Chief Dave Mowatt
Alderville First Nation
11696 Second Line
PO Box 46
Roseneath ON K0K 2X0
Email: DMowat@alderville.ca
NTaylor@alderville.ca

Copy of all correspondence should also be sent to: Karry Sandy McKenzie, William Treaties First Nations Process Co-ordinator, inquiries@williamstreatiesfirstnations.ca

Chief Emily Whetung-MacInnes
Curve Lake First Nation
22 Winookeeda Road
Curve Lake ON K0L 1R0
Email: EmilyW@curvelake.ca
executivesecretary@curvelakefn.ca

Copy of all correspondence should also be sent to: Karry Sandy McKenzie, William Treaties First Nations Process Co-ordinator, inquiries@williamstreatiesfirstnations.ca

Chief Laurie Carr
Hiawatha First Nation
123 Paudash Street, R.R. #2

Keene ON K0L 2G0
Email: chiefcarr@hiawathafn.ca

Copy of all correspondence should also be sent to: Karry Sandy McKenzie, William Treaties First Nations Process Co-ordinator, inquiries@williamstreatiesfirstnations.ca

Chief Kelly LaRocca
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry ON L9L 1B6
Email: klarocca@scugogfirstnation.com

Copy of all correspondence should also be sent to: Karry Sandy McKenzie, William Treaties First Nations Process Co-ordinator, inquiries@williamstreatiesfirstnations.ca

NOTE: None of the foregoing should be taken to imply approval of this project or the contents of the PDR. This letter only addresses the requirement of the Director to provide a list of Indigenous communities to you as required pursuant to section 14 of O. Reg. 359/09. You should also be aware that information upon which the above list of Indigenous communities is based is subject to change. Indigenous communities can make assertions at any time, and other developments, for example the discovery of Indigenous archaeological resources, can occur that may require additional aboriginal communities to be notified. Should this happen, the ministry will contact you. Similarly, if you receive any feedback from any Indigenous communities not included in this list, as part of your consultation, the ministry would appreciate being notified.

Please contact Peter Brown, Indigenous Consultation Advisor at peter.brown@ontario.ca should you have any questions or require additional information.

Sincerely,



Annamaria Cross on behalf of
Kathleen O'Neill
Director
Environmental Assessment Branch

SR/

**NOTICE OF A PROPOSAL & PUBLIC MEETING
PETAWAWA NET ZERO PROJECT – DISTRIBUTION LISTS**

Aboriginal Community:

Algonquins of Ontario
c/o Janet Stavinga, Executive Director
Algonquins of Ontario Consultation Office
31 Riverside Drive, Suite 101
Pembroke ON K8A 8R6
jstavinga@tanakiwin.com

Metis Nation of Ontario
c/o Linda Norheim, Director of Lands,
Resources and Consultations
75 Sherbourne Street, Suite 311
Toronto ON M5A 2P9
consultations@metisnation.org

Chief Dave Mowatt
Alderville First Nation
11696 Second Line
PO Box 46
Roseneath ON K0K 2X0
dmowat@alderville.ca
ntaylor@alderville.ca
inquiries@williamstreatiesfirstnations.ca

Chief Emily Whetung-MacInnes
Curve Lake First Nation
22 Winookeeda Road
Curve Lake ON K0L 1R0
emilyw@curvelake.ca
executivesecretary@curvelakefn.ca

Chief Laurie Carr
Hiawatha first Nation
123 Paudash Street, R.R. #2
Keene ON K0L 2G0
chiefcarr@hiawathafn.ca

Chief Kelly LaRocca
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry ON L9L 1B6
klarocca@scugogfirstnation.com

Local Municipal Clerk & Upper-tier Clerk:

Daniel Scissons
CAO/Clerk
Town of Petawawa
1111 Victoria Street
Petawawa ON K8H 2E6
dscissons@petawawa.ca

Paul Moreau
CAO/Clerk
County of Renfrew
9 International Drive
Pembroke ON K8A 6W5
pmoreau@countyofrenfrew.on.ca

Secretary-Treasurer of the Planning Board:

Alana Zadow
Secretary Treasurer
Land Division
County of Renfrew
9 International Drive
Pembroke ON K8A 6W5
azadow@countyofrenfrew.on.ca

Director:

Kathleen O'Neill
Director
Environmental Assessment Branch – Ministry of
the Environment, Conservation & Parks
135 St. Clair Ave W
Toronto ON M4V 1P5
Kathleen.oneill@ontario.ca

Ministry's District Manager:

Ottawa MECP District
103-2430 Don Reid Drive
Ottawa ON K1H 1E1

Owner of Land within 120 metres of project location:

HYDRO ONE NETWORKS INC
ASSESSMENT & TAXATION REAL
ESTATE
SERVICES & SECURITY
PO Box 4300
MARKHAM ON
L3R 5Z5

VAN HOOF JOHN HENRY
VAN HOOF ROSEMARIE
660 LAURENTIAN DR
PETAWAWA ON
K8H 2N1

EASTWAY CONTRACTING INC
100 CRANDALL ST
PO BOX 11
PEMBROKE ON
K8A 6X8

RENFREW COUNTY DISTRICT
1270 PEMBROKE ST W
PEMBROKE ON
K8A 4G4

NATIONAL DEFENCE CANADA
REGIONAL MANAGER PILT PUBLIC
WORKS
CANADA
4900 YONGE ST SUITE 1205
NORTH YORK ON
M2N 6A6

NIXON MATTHEW
AVERY MARGARET
581 LAURENTIAN DR
PETAWAWA ON
K8H 2N2

ALLARD SHANE KEVIN
ALLARD LINDA CLAUDIA
573 LAURENTIAN DR
PETAWAWA ON
K8H 2N2

WELLING RYAN DAVID
WELLING LINDSAY BLAINE
559 LAURENTIAN DR
PETAWAWA ON
K8H 2N2

MITCHELL STEPHEN PATRICK
MITCHELL LISA MICHELLE
565 LAURENTIAN DR
PETAWAWA ON
K8H 2N2

MASON, GRAHAM
MASON, JULIE
19 VAN HOOF ST
PETAWAWA ON
K8H 3C7

BRUNETTE BARBARA
BRUNETTE THOMAS
1466 VICTORIA ST
PETAWAWA ON
K8H 2G3

SPAGNOLO LINDA MARIE & DINO
ANDREW
35 LABINE CRES
PETAWAWA ON
K8H 2J1

BRUNETTE CHRISTINE ANN
1446 VICTORIA ST
PETAWAWA ON
K8H 2G3

BUREAU DAVID
ROCHELEAU CHRISTIAN
1478 VICTORIA ST
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K8H 2G3

GORELK ROMAN
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PETAWAWA ON
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MACDOUGALL WILLIAM DEAN
ROY
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PETAWAWA ON
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PETERKIN JOSHUA C M
JACKSON MELISSA MARIE
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15 EARL ST
PETAWAWA ON
K8H 3M4

PETAWAWA TOWN
C/O CLERK
1111 VICTORIA ST
PETAWAWA ON
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LOGAN AMANDA ROSE
34 BAYSHORE DR
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HOUSTON TX USA
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DAUPHINAIS LUC
27 BAYSHORE DR
PETAWAWA ON
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THOMAS DAYNE BRADLEY
29 BAYSHORE DR
PETAWAWA ON
K8H 3R7

BANMAN WADE LANCE
SOMMERFELD JOAN ELIZABETH
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K8H 2N8

Appendix 3: Newspaper Advertisements

Public Meeting #2



**Notice of a Final Public Meeting
by the Town of Petawawa
Regarding a Proposal to Engage in a Renewable Energy Project**

Project Name:
Petawawa Net Zero Project

Project Location:
Petawawa Water Pollution Control Plant, located at 550 Abbie Lane, Petawawa, County of Renfrew, K0H 2E6. The Site has an area of 75.3 acres and is registered as Range Lake Pt Lot 17, RP49R6365 Parts 1 to 5, Petawawa, County of Renfrew, roll number 4779079020008900000.

Dated at the Town of Petawawa this 10th day of May 2022
The Town of Petawawa is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The proposal to engage in the project and the project itself is subject to the provisions of the Environmental Protection Act (Act Part V.0.1 and Ontario Regulation 158/09 (Regulation)). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment, Conservation and Parks.

Meeting Location:
Date: Monday, July 11, 2022
Time: 4:00 p.m. to 6:00 p.m.
Place: Council Chambers, 1111 Victoria Street, Petawawa, ON

Project Description:
Pursuant to the Act and Regulation, the facility, in respect of which the project is to be engaged in, is considered to be an Anaerobic Digestion Facility Class 3. If approved, this facility would have a total maximum name plate capacity of 250 kW. The project location is described in the map below.

Documents for Public Inspection:
The project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled "Petawawa Net Zero Project: Renewable Energy Approval Application: Project Description Report and Report Summaries, Preliminary" describes the project as upgrading the existing anaerobic digester technology to convert the Water Pollution Control Plant (WPCP) from its traditional treatment-based process to a Resource Recovery process, achieving the goal of being an Energy Net Zero Plant. The proposed Project involves upgrading the plant's existing anaerobic digester(s), improving the digestion efficiency of the WPCP sludge and allowing additional bio solids and organics from food waste or fats, oils and greases to be brought into WPCP from the town and neighbouring wastewater plants as well as other bio solid producers (dinneries, commercial, restaurants, etc.). Sludges generated through the anaerobic digestion process would be used to produce renewable energy on-site through Combined Heat and Power (CHP) Engines and other beneficial uses of biogas. A copy of the Draft Project Description Report is being made available for public inspection on May 10, 2022 at www.petawawa.ca/residents/public-services/information-treatment-collection/notice-of-public-meeting-petawawa-66-2022-project-2022.html. Written copies will be available at the Town Hall, 1111 Victoria Street, Petawawa, ON K0H 2E6.



Project Contact and Information:
To learn more about the project proposal, public meetings, or to communicate concerns please contact:

Mr. David Urrau, Director of Public Works
Town of Petawawa
Email: durrau@petawawa.ca
Phone: 613-687-5536 ext. 2018

Mr. Indra Maharjan, Director of Innovation, Technology and Alternate Delivery, Energy, Climate Change and Resource Recovery
Ontario Clean Water Agency
Email: indmaharjan@ocwa.com
Phone: 416-775-0056



Legal & Tender Notices

**DECLARATION OF SURPLUS LAND
AND
NOTICE OF PROPOSED SALE
WATERFRONT ROAD ALLOWANCE**

Notice is hereby given that the Council of the Town of Petawawa at its meeting to be held on **Monday June 6, 2022 at 6:30 P.M.** at the Municipal Office, 1111 Victoria Street, Petawawa, will consider the following:

1. A declaration that certain lands in the Town of Petawawa, being Part of Lot 5 Concession 7 and more particularly described as Part B on Registered Reference Plan 45F-0964, being a portion of a waterfront road allowance along Black Bay, be declared surplus.
2. The proposed sale includes a parcel of land having an area of 621.87 m² (8,092.15 sq ft) with approximately 30 metres (100 feet) of waterfront. The lands are zoned Limited Service Residential pursuant to Zoning By-law 455/07, as amended.

Dated at the Town of Petawawa this 12th day of May, 2022.

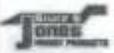
Colin Howard
Clerk
1111 Victoria Street
Petawawa, ON K0H 2E6
613-687-5536
chowco@petawawa.ca

Notices - Other

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Call: 613-639-4100**

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Auctions

Auction Sale
Friday Evening May 20 at 6:00 pm for DuFala Family
1059 Rice Line, Douglas, Ont

Household furniture, paintings, antiques, garden items, tools, Billy Cook saddle, tools, horse blankets, fly sheet, harness, large fire, whig, and horse bits.

Saturday May 21
at 10:30 am for A.J. Kessock Farms
5547A Opeongo Rd, Espanola, Ont

4 tractors, JD 640 all size, farm equipment, farm items, & tools.

Check prestoncall.com for complete listing and pictures.
Auctioneer: Preston Cull, R.R.#1 Douglas
613-648-2378

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613-687-7266



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Appendix 4: Correspondence with Algonquins of Ontario

Aaron Law

From: Dave Unrau <dunrau@petawawa.ca>
Sent: July-25-22 2:11 PM
To: 'Lourie, Taryn (Algonquins Of Ontario)'
Cc: Indra Maharjan; Aaron Law; 'Forward, Kathleen (Algonquins Of Ontario)'; 'Dawn Recoskie'
Subject: RE: Petawawa Net Zero Project (Our File CP 310-3)

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I am also grateful for our opportunity to discuss this exciting opportunity for the Town. As discussed in the meeting the invitation is open for a site visit when convenient.

One of the obstacles for the Town with respect to the Stage 1 archaeological assessment was not knowing the scope or archaeologists that can complete this work. I appreciate the Algonquins of Ontario providing archaeologists that they are comfortable with and have completed this type of work in the past.

The Town has contact the two archaeologists and have award the Stage 1 archaeological assessment to **Past Recovery Archaeological Services Inc.** The work is scheduled to start shortly and a draft of the Stage 1 report should be prepared for review within four (4) to six (6) weeks.

Please contact me if you have any additional questions / comments or would like to schedule a site visit.

Cheers.

David Unrau, P. Eng, P.M.P

Director of Public Works
Town of Petawawa

" Life is short, break the rules. Forgive quickly, Kiss slowly. Love truth, laugh uncontrollably, and never regret anything that makes you smile. " Mark Twain.

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Also, use ~Bcc: ~ instead of ~To:~ for your addressees. Thank you

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From: Lourie, Taryn (Algonquins Of Ontario) [mailto:tlourie@tanakiwin.com]

Sent: July 13, 2022 11:45 AM

To: Dave Unrau <dunrau@petawawa.ca>

Cc: Indra Maharjan <IMaharjan@ocwa.com>; 'Aaron Law' <ALaw@ocwa.com>; Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>

Subject: RE: Petawawa Net Zero Project (Our File CP 310-3)

Hi Dave,

Thank you for taking the time to meet with Kathleen and I on Tuesday July 5th. I just wanted to follow-up with regards to what we discussed during last week's meeting. Firstly, I am wondering if you can share the slides that Indra presented so that we may have them on file.

Secondly, given the vicinity of this project to the Ottawa River (Kichi-Sibi), a significant waterway of cultural and spiritual significance, the AOO strongly recommend an archaeological assessment is completed prior to any ground disturbance. Regardless of prior disturbance in the area, archaeological potential still exists and must be investigated.

The AOO request a minimum of a Stage 1 archaeological assessment. This will include a background study and property inspection to determine if archaeological sites exist on or near the property and will determine if a Stage 2 is required. The AOO will review any draft archaeological assessments and Cultural Heritage Evaluation Reports under the context of the use of First Nations cultural resources (oral tradition, local consultation, archaeological material), historical documents (historical air photos, census information, genealogical information), and geotechnical data (glacial/postglacial lake/river succession, local surficial geology, soils, property description).

Cameron Heritage Consulting Incorporated – Ken Swayze (Kinickinick)

5021-25 Civic Centre Road

Petawawa, ON K8H 0B1

Phone: (613) 281-3838

Email: Courtney@CameronHeritage.com

Email: jkenswayze@gmail.com

Past Recovery Archaeological Services Inc.

99c, Unit 1 Dufferin Street

Perth, ON K7H 3A5

Phone: 613-267-7028

Email: pras@pastrecovery.com

The AOO recommend these archaeologists, as the AOO can attest to the outstanding work they do, which will limit the time it will take the AOO to review the Stage 1 Archaeological Assessment Report. Further, the AOO request an Algonquin Archaeological Liaison is on site during the Stage 1 Archaeological Assessment Property Inspection.

The Project Proponent is expected to fund, and/or ensure funding is provided for the reasonable costs of reviewing Archaeological Assessment Reports and engaging Algonquin Archaeological Liaisons in a meaningful and informed way in any archaeological projects.

If you require any additional information, we are happy to discuss further. Thank you, and we look forward to hearing from you.

Taryn Lourie

Parks and Protected Areas Advisor

Algonquins of Ontario Consultation Office

31 Riverside Drive, Suite 101

Pembroke, ON K8A 8R6

Email: tlourie@tanakiwin.com

Phone: 343-997-6435

General Inquiries: algonquins@tanakiwin.com

Website: www.tanakiwin.com

******The Algonquins of Ontario Consultation Office staff are currently working within a remote office structure, the most efficient form of communication at this time is email. ******

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From: Lourie, Taryn (Algonquins Of Ontario)

Sent: Tuesday, June 28, 2022 9:35 AM

To: Indra Maharjan <IMaharjan@ocwa.com>

Subject: RE: Rescheduling Petawawa Net Zero Project (Our File CP 310-3)

Wednesday is booked for us. Can we book the 12-1 timeslot on Tues Jul 5?

Taryn

From: Indra Maharjan <IMaharjan@ocwa.com>

Sent: Tuesday, June 28, 2022 9:29 AM

To: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>

Subject: RE: Rescheduling Petawawa Net Zero Project (Our File CP 310-3)

Does Wed morning works as Dave is not available before 11 on Tuesday.

Indra

From: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>

Sent: June-28-22 9:16 AM

To: Indra Maharjan <IMaharjan@ocwa.com>

Subject: RE: Rescheduling Petawawa Net Zero Project (Our File CP 310-3)

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Hi Indra, Tuesday July 5th 10-11 works for us.

Taryn Lourie

Parks and Protected Areas Advisor

Algonquins of Ontario Consultation Office

Email: tlourie@tanakiwin.com

Phone: 343-997-6435

From: Indra Maharjan <IMaharjan@ocwa.com>

Sent: Tuesday, June 28, 2022 8:56 AM

To: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>; Dave Unrau <dunrau@petawawa.ca>

Cc: Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>; Aaron Law <ALaw@ocwa.com>

Subject: RE: Rescheduling Petawawa Net Zero Project (Our File CP 310-3)

We are deeply sorry to hear this Taryn.

I am available Tuesday July 5th 10-11, 12-1 and July 6th 8-10, 11-12.

Indra

From: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>

Sent: June-28-22 8:48 AM

To: Dave Unrau <dunrau@petawawa.ca>

Cc: Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>; Indra Maharjan <IMaharjan@ocwa.com>; Aaron Law <ALaw@ocwa.com>

Subject: Rescheduling Petawawa Net Zero Project (Our File CP 310-3)

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Hello David,

The AOO has experienced a sudden loss and I am hoping it is possible to reschedule our meeting this morning. Does next Tuesday, July 5 at 11am work for you and your team?

Thank you for understanding.

Taryn Lourie

Parks and Protected Areas Advisor

Algonquins of Ontario Consultation Office

31 Riverside Drive, Suite 101

Pembroke, ON K8A 8R6

Email: tlourie@tanakiwin.com

Phone: 343-997-6435

General Inquiries: algonquins@tanakiwin.com

Website: www.tanakiwin.com

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From: Dave Unrau <dunrau@petawawa.ca>
Sent: Friday, June 24, 2022 2:36 PM
To: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>
Cc: Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>; 'Indra Maharjan' <IMaharjan@ocwa.com>; 'Aaron Law' <ALaw@ocwa.com>
Subject: RE: Petawawa Net Zero Project (Our File CP 310-3)

11am works best for my team, please include the following on the invite:
Indra Maharjan --- IMaharjan@ocwa.com
Aaron Law --- ALaw@ocwa.com

Thanks for the quick response and I look forward to the discussion.

Brief? I follow the [email charter](#).

David Unrau, P. Eng, P.M.P
Director of Public Works
Town of Petawawa

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From: Lourie, Taryn (Algonquins Of Ontario) [<mailto:tlourie@tanakiwin.com>]
Sent: June 24, 2022 1:34 PM
To: Dave Unrau <dunrau@petawawa.ca>

Cc: Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>

Subject: RE: Petawawa Net Zero Project (Our File CP 310-3)

Hi David,

Thank you for your email. It would be great to arrange a time to discuss the project. I would also like to include Kathleen Forward Cultural Heritage Advisor with the AOO Consultation Office.

Ideally an hour on Tuesday June 28 between 9:30 AM – 12:00 PM would work well for us. Please let me know if this date/time work for you and I will schedule a Zoom meeting.

Thank you,

Taryn Lourie

Parks and Protected Areas Advisor

Algonquins of Ontario Consultation Office

31 Riverside Drive, Suite 101

Pembroke, ON K8A 8R6

Email: tlourie@tanakiwin.com

Phone: 343-997-6435

General Inquiries: algonquins@tanakiwin.com

Website: www.tanakiwin.com

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From: Dave Unrau <dunrau@petawawa.ca>

Sent: Thursday, June 23, 2022 10:51 AM

To: Lourie, Taryn (Algonquins Of Ontario) <tlourie@tanakiwin.com>

Subject: RE: Petawawa Net Zero Project (Our File CP 310-3)

I appreciate the response and look forward to working with you.

We have drafts and in some cases finals of the reports mentioned, but would like an opportunity to discuss the scope of the project in a meeting first verses only providing the reports.

Could you provide some dates and times that would be suitable?

Thanks.

Brief? I follow the [email charter](#).

David Unrau, P. Eng, P.M.P

Director of Public Works
Town of Petawawa

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From: Lourie, Taryn (Algonquins Of Ontario) [<mailto:tlourie@tanakiwin.com>]

Sent: June 22, 2022 1:53 PM

To: dunrau@petawawa.ca

Cc: drecoskie@petawawa.ca; Charbonneau, Daniel (Algonquins Of Ontario) <dcharbonneau@tanakiwin.com>; Hayes, Holly (Algonquins Of Ontario) <hhayes@tanakiwin.com>; Parker, Trevor (Algonquins Of Ontario) <tparker@tanakiwin.com>; Forward, Kathleen (Algonquins Of Ontario) <kforward@tanakiwin.com>

Subject: Petawawa Net Zero Project (Our File CP 310-3)

Hello David,

Thank you for your correspondence on April 28, 2022, with regards to the Petawawa Net Zero project. We also appreciate the notice for the final public meeting that will be held in Petawawa on Monday, July 11, 2022 from 4:00 P.M. to 6:00 P.M.

The Algonquins of Ontario wish to provide you with the attached correspondence. If you have any questions or wish to discuss further, please don't hesitate to contact me.

Sincerely,

Taryn Lourie

Parks and Protected Areas Advisor

Algonquins of Ontario Consultation Office

31 Riverside Drive, Suite 101

Pembroke, ON K8A 8R6

Email: tlourie@tanakiwin.com

Phone: 343-997-6435

General Inquiries: algonquins@tanakiwin.com

Website: www.tanakiwin.com

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Appendix 5: Correspondence with MECP, MNRF and MTCS

Aaron Law

From: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>
Sent: October-19-20 9:15 AM
To: Jane Ho
Cc: McMurray, Barb (MECP); Indra Maharjan; David Unrau (dunrau@petawawa.ca)
Subject: RE: Petawawa Net Zero Project - follow ups from meeting - Public Consultation draft

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Hi Jane,

Thanks for passing this along for our information. I didn't review completely, as we do not review draft reports, but at a glance, it seems like an acceptable approach to me.

Thanks,
Sarah

From: Jane Ho <JHo@ocwa.com>
Sent: Friday, October 16, 2020 12:09 PM
To: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>
Cc: McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>; Indra Maharjan <IMaharjan@ocwa.com>; David Unrau (dunrau@petawawa.ca) <dunrau@petawawa.ca>
Subject: RE: Petawawa Net Zero Project - follow ups from meeting - Public Consultation draft

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Good morning Sarah,

As discussed in the August meeting, we have prepared a draft public consultation plan outlining the consultation approach. It is attached here as FYI; in summary, we are proposing to hold the meetings virtually (in webinar, Q&A format; subject to town approval) and have the project information available on a website. Please let us know if you have any questions or concerns.

Regards,
Jane

Jane Ho, P.Eng, PMP
Innovation, Technology and Alternate Delivery

2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
Phone: 416.775.0556 | Fax: 416.314.8300 | Mobile: 647.522.6634



From: Raetsen, Sarah (MECP) [<mailto:Sarah.Raetsen@ontario.ca>]
Sent: Tuesday, August 18, 2020 3:26 PM
To: Indra Maharjan; David Unrau (dunrau@petawawa.ca); Jane Ho

Cc: McMurray, Barb (MECP); Law, Aaron (MECP); Romic, Zeljko (MECP)

Subject: Petawawa Net Zero Project - follow ups from meeting

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Hi Indra and Dave,

We committed to providing you with a number of items following our meeting today.

1. **Contact at Ministry of Natural Resources and Forestry (MNR) in regards to Natural Heritage Assessment (NHA) requirements for renewable energy facilities:**

Erin Cotnam
Land Use Planning Supervisor
Regional Resources Section | Southern Region
Ontario Ministry of Natural Resources & Forestry
300 Water Street, Peterborough ON
4th Floor, South Tower
Phone: 705-755-3268
Email: erin.cotnam@ontario.ca

2. **Biogas projects whose reports can be used as examples:**

- a. [Peterborough Utilities Inc.](#) projects (Peterborough WWTP biogas, Bensfort Road Landfill) – they no longer have the REA reports on their website, but you may be able to reach out to them to ask for a copy.
- b. [Zooshare Anaerobic Digestion Facility](#)

3. **Zoning requirements under amended O. Reg. 359/09:**

As mentioned on the call, the Renewable Energy Approval (REA) regulation O. Reg 359/09 was recently amended to include additional requirements for REA projects, including confirmation of municipal zoning and demonstration of demand for the electricity that is being generated (e.g. who will be using the electricity).

The actual amending regulation is available here: <https://www.ontario.ca/laws/regulation/r19122> ...but if you would like a plain language summary of these new requirements, you can find them here:

- <https://ero.ontario.ca/notice/013-4040> (zoning) and
- <https://ero.ontario.ca/notice/013-3800> (demand)

Essentially, to meet the zoning requirement you just need a statement from the city's planning department confirming that their zoning allows your proposed project (yes, we recognize that the city is the proponent, but the regulation is very prescriptive). To meet the demand requirement, in your Project Description Report or cover letter, simply note that all of the electricity generated is for own use (meaning, it will be used by the facility itself). "Own use" is one of the allowable criteria for the demand requirement. These new requirements are not yet in the Technical Guide to Renewable Energy Approvals, so we're flagging them for you here.

4. **Other:**

Please feel free to reach out to us if you have additional questions along the way.

Thanks,
Sarah and Zeljko

Sarah Raetsen | Senior Project Evaluator | **Ministry of the Environment, Conservation and Parks** | Environmental Assessment and Permissions Division | Environmental Assessment Branch | 135 St. Clair Ave. W., 1st Flr, Toronto ON M4V 1P5 | cell: (437) 777-4171

Aaron Law

From: McGlade, Kaitlyn (MNRF) <Kaitlyn.McGlade@ontario.ca>
Sent: July-06-21 11:34 AM
To: Jane Ho; Lindenburger, Ruth (MNRF)
Cc: Dave Unrau; Michael Lucente (Michael.Lucente@anaergia.com); Indra Maharjan
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements
Attachments: PetawawaWasteWaterBiogas_RecordsReview.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jane,

Please see attached letter for comments on the records review report provided.

If you have any questions or would like to discuss, please don't hesitate to contact me. Happy to set up some time this week to connect if still needed.

Thanks,

Kaitlyn McGlade
Regional Planning Ecologist
kaitlyn.mcglade@ontario.ca
705-772-9326

From: Jane Ho <JHo@ocwa.com>
Sent: June 23, 2021 11:30 AM
To: McGlade, Kaitlyn (MNRF) <Kaitlyn.McGlade@ontario.ca>; Lindenburger, Ruth (MNRF) <Ruth.Lindenburger@ontario.ca>
Cc: Dave Unrau <dunrau@petawawa.ca>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>; Indra Maharjan <IMaharjan@ocwa.com>
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Good morning Kaitlyn,

To follow up on the previous communications, we are coming up to dates by which several surveys (listed below) need to be scheduled imminently depending on MNRF feedback on the records review/required site investigation. Is it possible to set up a brief call by early next week so we have more clarity on whether it is appropriate to proceed on these or not?

- **Breeding Bird Surveys:** two (2) surveys are required and will need to take place in the next month (i.e. now (June 10) to July 10.)
- **Wetland Delineation and Ecological Land Classification:** Single survey can occur now (June 10) to end of September. Ideally this would be completed before the end of July.
- **Vegetation Survey:** a single survey needs to be performed from June 10 to June 30. Optimal timing is now (June 10) and June 22. The vegetation survey would be completed during the first breeding bird survey.

Thank you,
Jane

From: Jane Ho
Sent: Tuesday, June 15, 2021 10:12 AM
To: 'McGlade, Kaitlyn (MNRF)' <Kaitlyn.McGlade@ontario.ca>; Lindenburger, Ruth (MNRF) <Ruth.Lindenburger@ontario.ca>
Cc: Dave Unrau <dunrau@petawawa.ca>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>; Indra Maharjan <IMaharjan@ocwa.com>
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

Good morning Kaitlyn,
Please find attached the draft records review document. The team does have questions (listed below) while you review, as some of the field work (e.g. breeding bird surveys) needs to be completed in the next while; please advise if you would have availability for ½ hour in the next week to discuss/advise of related data that did not emerge in the records review process, ahead of their site investigation, so that the fieldwork can be scoped appropriately and conducted within seasonal timing.

Based on the initial findings for the following specified natural features and waterbodies as defined by O. Reg. 359/09:

- Seasonal Concentration of Animals—Deer Wintering Area (as identified in the County of Renfrew’s Official Plan) (i.e. potential significant wildlife habitat). Does the MNRF have data indicating deer yards at the project location or within 120 m on adjacent lands?
- The Unnamed Watercourse [a cold water Tributary of Allumette Lake] located within 50 m of the project location.
- The developed nature of the site relative to the Specified Natural Features (Section 38) and Water bodies (Section 39) as per O. Reg. 359/09.
- Does MNRF have any additional specified natural features in their data set that has not been identified in the attached email?

Regards,
Jane

Jane Ho, P.Eng, PMP
Innovation, Technology and Alternate Delivery

2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
Phone: 416.775.0556 | Fax: 416.314.8300 | Mobile: 647.522.6634



From: McGlade, Kaitlyn (MNRF) [<mailto:Kaitlyn.McGlade@ontario.ca>]
Sent: Tuesday, June 8, 2021 3:14 PM
To: Jane Ho <JHo@ocwa.com>; Lindenburger, Ruth (MNRF) <Ruth.Lindenburger@ontario.ca>
Cc: Dave Unrau <dunrau@petawawa.ca>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>; Indra Maharjan <IMaharjan@ocwa.com>
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Hi Jane,

Unless there are questions prior to submitting the records review, I think the best approach would be to provide the records review report to myself and Ruth so that we can review for conformity with the NHAG and provide any comments/ recommendations back to you and then discuss them if needed.

Happy to meet but without sufficient time to review the document there won't be much for us to provide/ discuss.

Thanks,

Kaitlyn McGlade
Regional Planning Ecologist
kaitlyn.mcglade@ontario.ca
705-772-9326

From: Jane Ho <JHo@ocwa.com>
Sent: June 8, 2021 10:20 AM
To: Lindenburger, Ruth (MNRF) <Ruth.Lindenburger@ontario.ca>; McGlade, Kaitlyn (MNRF) <Kaitlyn.McGlade@ontario.ca>
Cc: Dave Unrau <dunrau@petawawa.ca>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>; Indra Maharjan <IMaharjan@ocwa.com>
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Good morning Ruth & Kaitlyn,

Our ecology consultant has now completed the preliminary record review for this Petawawa project. The team would like to consult with your group to see if there are additional records and per the NHA guide, to ensure the review is sufficiently accurate & complete prior to further investigation.

Could you please advise as to your availability for a meeting in the next weeks? I will include the record review with the agenda.

Regards,
Jane

Jane Ho, P.Eng, PMP
Innovation, Technology and Alternate Delivery

2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
Phone: 416.775.0556 | Fax: 416.314.8300 | Mobile: 647.522.6634



From: Lindenburger, Ruth (MNRF) [<mailto:Ruth.Lindenburger@ontario.ca>]
Sent: Wednesday, April 28, 2021 10:03 AM
To: Indra Maharjan <IMaharjan@ocwa.com>; Jane Ho <JHo@ocwa.com>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>
Cc: Dave Unrau <dunrau@petawawa.ca>; McGlade, Kaitlyn (MNRF) <Kaitlyn.McGlade@ontario.ca>
Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Hello – we can not seem to join the webex. Trying to dial in.

RL

Ruth Lindemberger

A/Land Use Planning Supervisor | Southern Region
(705) 313-0391

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

From: Indra Maharjan <IMaharjan@ocwa.com>

Sent: April 16, 2021 9:43 AM

To: Indra Maharjan; Lindemberger, Ruth (MNRF); Jane Ho; Michael Lucente (Michael.Lucente@anaergia.com)

Cc: Dave Unrau; Cotnam, Erin (MNRF); McGlade, Kaitlyn (MNRF)

Subject: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

When: April 28, 2021 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).

Where: Webex at end of email chain

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Resending this invite again.

From: Lindemberger, Ruth (MNRF) <Ruth.Lindemberger@ontario.ca>

Sent: April-15-21 2:58 PM

To: Jane Ho <JHo@ocwa.com>

Cc: Indra Maharjan <IMaharjan@ocwa.com>; Dave Unrau <dunrau@petawawa.ca>; Cotnam, Erin (MNRF) <erin.cotnam@ontario.ca>; McGlade, Kaitlyn (MNRF) <Kaitlyn.McGlade@ontario.ca>

Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Jane,

We are happy to meet with you to discuss. Are you available on April 28th from 10 – 11 am?

To help us meet your needs, please provide any questions, discussions points and applicable materials in advance of the meeting.

Looking forward to hearing from you.

Thank you and take care,
RL

Ruth Lindemberger

A/Land Use Planning Supervisor | Southern Region
(705) 313-0391

From: Jane Ho <JHo@ocwa.com>

Sent: April 15, 2021 9:37 AM

To: Cotnam, Erin (MNRF) <erin.cotnam@ontario.ca>

Cc: Indra Maharjan <IMaharjan@ocwa.com>; Dave Unrau <dunrau@petawawa.ca>; Lindenburger, Ruth (MNRF) <Ruth.Lindenburger@ontario.ca>

Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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

Good morning Erin,

Thank you & Ruth for helping us look into this:

- We have held pre-consultation with MECP in 2020, who confirmed REA is required
- MECP REA staff has read our Project Description Report, which identifies the proposed works as a class 3 anaerobic digestion facility
- Per Table 1 of the MNRF NHA Guide, a NHA is required for this type of facility

As you said, we have initiated review, specifically of aerial photos, municipal records, the LIO and NHIC layer to try and scope out the NHA and the Water Assessment report. We are aware there are additional ecological data (per Sections 4 & 5) which need to be reviewed for NHA. However we do not have staff qualified in the relevant discipline(s) and have been soliciting for consultants to undertake the NHA.

We would like to obtain your thoughts on the typical extent of and step-wise progress in practice, to ensure the proposals we are receiving from the consultants are appropriately scoped to align with the intent of the NHA.

Regards,
Jane

From: Cotnam, Erin (MNRF) [<mailto:erin.cotnam@ontario.ca>]

Sent: Wednesday, April 14, 2021 9:29 PM

To: Jane Ho

Cc: Indra Maharjan; Dave Unrau; Lindenburger, Ruth (MNRF)

Subject: RE: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Hi Jane,

Thanks for getting in touch.

To help us in responding I just have a couple preliminary questions.

Am I correct in presuming that MECP has confirmed that a Renewable Energy Approval and associated Natural Heritage Assessment is required for your proposal? What type/class of project is this considered to be?

Based on your bullets below, it appears that you have initiated the Records Review stage of the NHA and are seeking further information on the NHA process and which elements are required for your proposal. Have sources other than NHIC been searched? In the interim, please refer to sections 4 and 5 of the NHA Guide.

I've copied Ruth, a supervisor with my team who will look into this and let you know of some available times and dates.

Thanks again for reaching out,

Erin

From: Jane Ho <JHo@ocwa.com>
Sent: April-14-21 2:47 PM
To: Cotnam, Erin (MNRF) <erin.cotnam@ontario.ca>
Cc: Indra Maharjan <IMaharjan@ocwa.com>; Dave Unrau <dunrau@petawawa.ca>
Subject: Town of Petawawa Renewable Energy Application - Natural Heritage Assessment requirements

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Good afternoon Erin,

The Town of Petawawa is completing the various reports required for our Net Zero Project at the Petawawa Wastewater Treatment Plant – Renewable Energy Application (REA) to Ministry of the Environment and Climate Change (MECP).

We were provided your contact information by MECP, and are looking for clarification of the extent of the Natural Heritage Assessment (NHA) required, based on the [2012 NHA guide](#). So far,

- we have checked the [...](#) and found no data at our project location +120km in the Natural Heritage Information Centre (NHIC) layer on the provincial GIS website
- the project is being completed on a parcel of land that already has been fully disturbed as it will be adjacent to & within the existing wastewater treatment structures

Would you be able to let us know when you might be available for a brief call to discuss?

Thank you,
Jane

Jane Ho, P.Eng, PMP
Innovation, Technology and Alternate Delivery

OUR CORPORATE OFFICE IS MOVING
NEW ADDRESS/CONTACT EFFECTIVE AUG 17, 2020:
2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
Phone: 416.775.0556 | Fax: 416.314.8300 | Mobile: 647.522.6634



-- Do not delete or change any of the following text. --

Indra Maharjan is inviting you to a Webex Personal Room meeting.

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<https://ocwa.webex.com/join/imaharjan>

Join by meeting number

Meeting number (access code): 129 429 4372

Tap to join from a mobile device (attendees only)

+1-416-216-5643,,1294294372## Canada Toll (Toronto)

+1-613-714-9906,,1294294372## Canada Toll (Ottawa)

Join by phone

+1-416-216-5643 Canada Toll (Toronto)

+1-613-714-9906 Canada Toll (Ottawa)

Access code: 129 429 4372

[Global call-in numbers](#)

Join from a video conferencing system or application

Dial imaharjan@ocwa.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

If you are the host, you can also enter your host PIN in your video conferencing system or application to start the meeting.

Need help? Go to <https://help.webex.com>

**Ministry of Northern Development,
Mines, Natural Resources and
Forestry**

**Ministère du Développement du Nord, des
Mines, des Richesses naturelles et des
Forêts**



Land Use Planning and Strategic Issues Section de l'aménagement du territoire et des
Section questions stratégiques
Southern Region Région du Sud
Regional Operations Division Division des opérations régionales
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Peterborough, ON K9J 3C7 Peterborough (ON) K9J 3C7
Tel.: 705 761-4839 **Tél. :** 705 761-4839
Fax.: 705 755-3233 **Télé. :** 705 755-3233

July 6th, 2021

**Re: MNR Comments, Records Review for Proposed Anaerobic Digester at Petawawa
Waste Water Facility**

This letter is in response to your request for Ministry review of the records review report prepared for the proposed anaerobic digester at the Petawawa Waste Water Facility (herein referred to as 'the site'), in accordance with the Records Review phase of the Natural Heritage Assessment (NHA) required for the Renewable Energy Approvals (REA) process (O.Reg 359/09).

Based on the report provided (dated June 14th, 2021), the Ministry offers the following comments:

Wetlands

No Provincially Significant Wetlands (PSW) are known to occur on or adjacent to the site, however the records review indicates the presence of an unevaluated wetland within 80m of the site. This feature should be further evaluated through appropriate site investigation studies.

Areas of Natural and Scientific Interest (ANSI)

No Life Science or Earth Science ANSIs are known to occur on or within 120/50 metres of the site, respectively.

Woodland

The Natural Heritage Assessment Guide (NHAG) Table 11 provides additional considerations for the determination of significant woodlands based on the total woodland cover in a lower or single-tier municipality. Site investigations should address how these criteria have been assessed in the determination of significant woodlands on and adjacent to the site. As per the NHAG "Woodlands that meet the minimum standard for any one of the criteria listed in Table 11 are considered significant."

Wildlife Habitat

In addition to the significant wildlife habitats (SWH) discussed in the report (deer wintering and habitats for rare species) it is recommended that site investigation refer to the SWH Ecoregional Criteria for 5E. It is unclear in the report if/how all categories of candidate SWH have been considered on or adjacent to the site.

Valleylands & Fish Habitat

The presence of a cold-water tributary to the Ottawa River within 10m of the site should be investigated further through site investigation. Applicants should coordinate the completion of NHA requirements with any additional provincial, federal or agency requirements. Applicants are particularly encouraged to use the review, investigation and reporting components of the NHA to collect necessary information regarding water bodies, as required for the Water Assessment component of the REA application. For more information on additional study requirements, please contact the Ministry of Environment Conservation and Parks.

The Ministry is happy to assist with the review of draft monitoring protocols or procedures in preparation for site investigation.

Please feel free to contact me with any further questions.

Sincerely,

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

Kaitlyn McGlade
Regional Planning Ecologist
kaitlyn.mcglade@ontario.ca
705-772-9326

Aaron Law

From: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>
Sent: December-03-21 2:48 PM
To: Indra Maharjan
Cc: 'David Unrau (dunrau@petawawa.ca)'; Jane Ho; Keyvani, Mohsen (MECP); Romic, Zeljko (MECP); McGlade, Kaitlyn (NDMNRF); McMurray, Barb (MECP)
Subject: RE: Petawawa co-digestion project REA update and meeting request
Attachments: 2021-12-03_Indra Maharjan_Petawawa Net Zero Project.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

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Good afternoon Indra,

I'm sorry for the delay in our response. Please see the attached letter with respect to the Petawawa Net Zero Project.

Feel free to reach out if you need additional help through the process.

Thanks,
Sarah

From: Indra Maharjan <IMaharjan@ocwa.com>
Sent: November 16, 2021 11:44 AM
To: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>; Romic, Zeljko (MECP) <Zeljko.Romic@ontario.ca>
Cc: Jane Ho <JHo@ocwa.com>; 'David Unrau (dunrau@petawawa.ca)' <dunrau@petawawa.ca>; Michael Lucente (Michael.Lucente@anaergia.com) <Michael.Lucente@anaergia.com>; Ashwani Kumar (Ashwani.Kumar@anaergia.com) <Ashwani.Kumar@anaergia.com>; McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>
Subject: RE: Petawawa co-digestion project REA update and meeting request

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Hello Sarah and Zeljko,

Thanks for a great meeting yesterday.

As discussed the projects partners have completed most of the reports required to submit the REA application package to MECP.

Our funding from ECCC for this project required us to complete the project by Q1 2023. Considering this hard deadline the project partners must conduct the final public meeting by end of January and submit the REA application by mid February 2022.

The project partners have spent almost \$280,000 and 15 months in preparation of required report which is significant amount and resources for a project of \$8 Million considering its existing facility in operation for 25 plus years with stellar compliance record.

The only reports pending is as follows. We are aiming to have draft ready by end of November 2021.

Natural Heritage Assessment	Anaergia Subconsultant	2022-05-31- Site investigation report by 2021-11-30	Records review complete. Field investigation: complete except bat nesting survey (2021) + bird breeding (spring 2022). Sub-consultant preparing a proposal and schedule for the completion of the Site Investigation Report (summary of the field work), and the Evaluation of Significance Report. MNR/MECP may then require the completion of an Environmental Impact Study + mitigation measures.
Water Assessment	Anaergia Subconsultant	2021-11-30	MECP provided guidance August 2021
Surface Water Assessment Report	Anaergia Subconsultant	2021-11-30	MECP provided guidance August 2021

Our request to MECP is as follows:

- 1) Can these partial report submission be considered eligible to proceed with final public meeting?
- 2) Can we submit the REA application with partially completed documents to kick start the process?
- 3) For NHA- the consultant has not found any concerns with other surveys conducted till date. We are yet to do additional survey (bat and bird) in coming months at additional expenses. Considering its existing facility can these be waived as per all the findings available till date.

In general, REA approach seems prescriptive and simple, however its same for new infrastructure project and existing facility upgrade project. It also considers one size fits all which is not practical considering same requirement for much larger projects and small project like ours.

We look forward for separate session with MECP stakeholders to provide feedback on REA in general for municipal codigestion projects.

Thanks and look forward to accept our request for accommodation in this case.

Regards,
Indra Maharjan, P.Eng., CEM, CMVP (he/him) ([click for more info](#))
 Solutions Provider in areas of
 Innovation, Technology and Alternative Delivery
 Energy, Climate Change and Resource Recovery

2085 Hurontario Street, Suite 500, Mississauga, ON, L5A 4G1
 Phone: 905.491.4138 | Fax: 905.279.1926 | Mobile: 416.347.5878
<https://www.linkedin.com/company/ontario-clean-water-agency/>
<https://twitter.com/OCWAnews>

“To be original, you don’t have to be first. You just have to be different and better”.- Adam Grant

Have a great day.
 Indra

From: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>
Sent: November-08-21 11:10 AM

To: Indra Maharjan <IMaharjan@ocwa.com>; McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>
Cc: Romic, Zeljko (MECP) <Zeljko.Romic@ontario.ca>; Jane Ho <JHo@ocwa.com>; 'David Unrau (dunrau@petawawa.ca)' <dunrau@petawawa.ca>
Subject: RE: Petawawa co-digestion project REA update and meeting request

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Hi Indra,

We are available at the following times next week. Let me know what time works for all of you and I'll schedule a Teams meeting.

Mon. Nov. 14 - 3:30 to 4:30 pm
Tues. Nov. 16 - 10 to 11 am, 2 to 3 pm or 3 to 4 pm
Wed. Nov. 17 - 10 to 11 am or 3:30 to 4:30 pm

Thanks,
Sarah

From: Indra Maharjan <IMaharjan@ocwa.com>
Sent: Monday, November 8, 2021 9:12 AM
To: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>; McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>
Cc: Romic, Zeljko (MECP) <Zeljko.Romic@ontario.ca>; Jane Ho <JHo@ocwa.com>; 'David Unrau (dunrau@petawawa.ca)' <dunrau@petawawa.ca>
Subject: RE: Petawawa co-digestion project REA update and meeting request

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Morning Barb and Sarah,
Hope the weekend was amazing with nice weather.

I would like to provide some updates on REA process and would like for a update meeting sometime next week to seek some guidance around final public meeting and REA submission package. We are aiming for early February to submit the package to MECP as our existing funding from LCEF requires us to complete the project by Q1 2023.

With all the great support from MECP and NDMNRF, we have completed most of the reports required by the regulation at significant cost for this size of project.

We are in process of completing NHA report with bird breeding survey pending due to seasonal requirement. Hence to complete this and submit the REA package will almost make the project completion unachievable by funding deadline.

We would like to discuss some potential options with your team.

Please see attached for updates on progress we made so far.

Thank you.
Indra

From: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>
Sent: July-23-21 1:47 PM
To: Jane Ho <JHo@ocwa.com>

Cc: Indra Maharjan <IMaharjan@ocwa.com>; McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>; Romic, Zeljko (MECP) <Zeljko.Romic@ontario.ca>

Subject: RE: Petawawa co-digestion project REA - NHA/Water assessment

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Hi Jane,

Myself and Zeljko Romic (copied on this email) are the appropriate contacts for this request. You can send our info over to Kaitlyn.

Yes, please send your questions and background info ahead of the call, as we may invite a surface water specialist from the local District Office to participate on the call as well.

Thanks,
Sarah

Sarah Raetsen | Senior Project Evaluator | **Ministry of the Environment, Conservation and Parks** | Environmental Assessment Branch | cell: (437) 777-4171

From: Jane Ho <JHo@ocwa.com>

Sent: Friday, July 23, 2021 9:24 AM

To: Raetsen, Sarah (MECP) <Sarah.Raetsen@ontario.ca>

Cc: Indra Maharjan <IMaharjan@ocwa.com>; McMurray, Barb (MECP) <Barb.McMurray@ontario.ca>

Subject: Petawawa co-digestion project REA - NHA/Water assessment

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Good morning Sarah,

For the Petawawa co-digestion project REA, our team has been working on the Natural Heritage Assessment. We had a meeting with Kaitlyn McGlade of MNRF regarding specific survey requirements. As MNRF evaluates NHAs based on MECP guidelines, their recommendation was for clarification via a joint call with MECP, MNRF and the project team.

Would it be possible for you to direct us to the MECP staff who could provide clarification on the NHA survey & water assessment requirements for our specific project setting? We can provide the specific questions & background information (from the desktop reviews conducted) to your team ahead of the call.

Additionally Kaitlyn (MNRF) requested for the name of the MECP contact who is overseeing this REA process, would it be alright to provide your contact information to her?

Thank you for your help,
Jane

Jane Ho, P.Eng, PMP
Project Engineer
Innovation, Technology and Alternate Delivery

2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1
Phone: 416.775.0556 | Fax: 416.314.8300 | Mobile: 647.522.6634

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

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

December 3, 2021

Indra Maharjan, P.Eng., CEM, CMVP
Ontario Clean Water Agency
2085 Hurontario Street, Suite 500
Mississauga ON L5A 4G1
e-mail: IMaharjan@ocwa.com

Dear Indra Maharjan:

I am writing in response to your November 16, 2021 e-mail, and in follow up to our meeting on November 15, 2021 in which you outlined challenges faced by the project and the Renewable Energy Approval (REA) application requirements. The REA process is intended to ensure that renewable energy facilities are developed in a way that is protective of human health and the environment.

The Ministry of the Environment, Conservation and Parks (MECP) understands that the Town of Petawawa (Petawawa) is proposing to transform the existing Petawawa Water Pollution Control Plant (WPCP) into a Resource Recovery Facility by upgrading its anaerobic digesters (AD's) to divert organic waste from landfill and boost biogas production for use as electricity. This will involve the utilization of biogas for Combined Heat and Power (CHP) units. The nameplate capacity of the proposed CHP facility will be ~200 kWe at the 30% design phase.

The proposed project involves upgrading the WPCP's existing AD's, improving the digestion efficiency of the WPCP sludge and allowing additional biosolids and organics (from food waste or fats, oils and grease) to be brought into the WPCP from Petawawa and neighbouring wastewater plants, as well as other biosolid producers. Biogas generated through the AD process will be used to produce renewable energy on-site through CHP engines and other beneficial uses of biogas. Based on the description of the project, it is required to obtain a REA.

The project has received a grant of \$2.7 M from Environment and Climate Change Canada under the Low Carbon Economy Challenge Fund, and the funding requires Petawawa to complete the project by the first quarter of 2023.

To assist Petawawa with timing challenges, the MECP will make the following accommodations:

- The MECP will allow Petawawa to hold the second required public meeting without the draft Natural Heritage Assessment (NHA) report; however, it is expected that Petawawa ensure that adequate information on NHA work completed up to the date of the meeting is provided and consulted on to allow for stakeholders to review and comment.
- When Petawawa is ready to submit its REA application in February 2022, the application can be submitted without a final NHA report or Ministry of Northern Development, Mines, Natural Resources and Forestry (NRF) confirmation letter. The MECP will commence the screening and upon completion of the screening (without submission of the NHA report and NRF confirmation letter), will post the application on the Environmental Registry (ERO) and begin the technical review. Please note however, that the MECP will not make a decision on the application until the NHA report and NRF confirmation letter are submitted.

In terms of NHA requirements, the NHA process is intended to size the requirements to the specific project. If the NHA studies completed to date have not found any significant features, then the corresponding NHA requirements should not be as onerous.

With respect to wetlands, the simplest option is for Petawawa to assume significance (therefore not requiring additional field surveys) and demonstrate that any impacts will be mitigated through the Environmental Impact Study (i.e., that there will be no new disturbance or vegetation removal within the habitats, project timing will consider sensitive periods, etc.).

The MECP is committed to assisting Petawawa with obtaining their REA in a timely manner. If you require further information or assistance please feel free to contact me at 437-777-4171 or by email at sarah.raetsen@ontario.ca.

Sincerely,



Sarah Raetsen

Senior Project Evaluator, Environmental Assessment Program Support, Environmental Assessment Branch

cc. David Unrau, dunrau@petawawa.ca
Jane Ho, JHo@ocwa.com
Mohsen Keyvani, mohsen.keyvani@ontario.ca
Zeljko Romic, zeljko.romic@ontario.ca
Kaitlyn McGlade, kaitlyn.mcglade@ontario.ca
Barb McMurray, barb.mcmurray@ontario.ca

Aaron Law

From: Indra Maharjan
Sent: July-19-22 9:19 AM
To: Aaron Law
Subject: FW: Renewable Energy Approval consultation - MTCS heritage & archaeological properties (560 Abbie Lane, Petawawa)
Attachments: MinsitryofTourismCultureSportLetter-20210322.pdf

Letter attached

From: Barboza, Karla (MHSTCI) <Karla.Barboza@ontario.ca> **On Behalf Of** Registrar (MHSTCI)
Sent: May-10-21 12:20 PM
To: Jane Ho <JHo@ocwa.com>
Cc: Dave Unrau <dunrau@petawawa.ca>; Indra Maharjan <IMaharjan@ocwa.com>; Registrar (MHSTCI) <Registrar@ontario.ca>; Archaeology (MHSTCI) <archaeology@ontario.ca>
Subject: [WARNING: ATTACHMENT(S) MAY CONTAIN MALWARE]FW: Renewable Energy Approval consultation - MTCS heritage & archaeological properties (560 Abbie Lane, Petawawa)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Jane Ho,

Please accept my apologies for the late response!

The Town of Petawawa is currently leading a Project to upgrade the existing Petawawa Water Pollution Control Plant (WPCP) into a Resource Recovery Facility by diverting waste from landfill and producing biogas for energy recovery. The Project is situated at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6 and registered as Range Lake Lot 17 RP, Petawawa, County of Renfrew.

We have reviewed your letter dated March 22, 2021 (attached) and have the following information:

Item	Description of Property	Present on or abutting site, 560 Abbie Lane, Petawawa?
4	A property designated by order of the Minister of Heritage, Sport, Tourism and Culture Industries (former Minister of Tourism, Culture and Sport) made under section 34.5 of the Ontario Heritage Act as a property of cultural heritage value or interest of provincial significance.	NO
5	A property in respect of which a notice of intention to designate the property as property of cultural heritage value or interest of provincial significance has been given in accordance with	NO

	section 34.6 of the Ontario Heritage Act.	
8	A property designated as a historic site under Regulation 880 of the Revised Regulation of Ontario, 1990 (Historic Sites) made under the Ontario Heritage Act.	NO

Please let me know if you have any further questions.

Regards,
Karla

Karla Barboza MCIP, RPP, CAHP | (A) Team Lead, Heritage
Ministry of Heritage, Sport, Tourism and Culture Industries
Heritage, Tourism and Culture Division | Programs and Services Branch | Heritage Planning Unit
T. 416.314.7120 | Email: karla.barboza@ontario.ca

From: Jane Ho <JHo@ocwa.com>
Sent: March-22-21 4:41 PM
To: Registrar (MHSTCI) <Registrar@ontario.ca>; Archaeology (MHSTCI) <archaeology@ontario.ca>
Cc: Dave Unrau <dunrau@petawawa.ca>; Indra Maharjan <IMaharjan@ocwa.com>
Subject: Renewable Energy Approval consultation - MTCS heritage & archaeological properties (560 Abbie Lane, Petawawa)

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

Good afternoon,

I am reaching out to you on behalf of the Town of Petawawa. We are currently undertaking a Project to upgrade the existing Petawawa Water Pollution Control Plant (WPCP) into a Resource Recovery Facility by producing biogas for energy recovery which requires a Renewable Energy Approval (REA) from the MECP. As part of the Project consultation efforts, we are gathering information related to heritage and archaeological properties in the Project location.

According to O.Reg 359/09,s. 19, as part of a Renewable Energy Approval application process, we are required to check the Project Site against criteria in O. Reg. 359/09, s. 19, Table 1. The Town has already completed the REA checklist for these (appended to the attachment) following consultation with the local Planner and found no resources or properties or interest in the Project area. We are now contacting the Ministry of Tourism Culture & Sport (MTCS) to verify if there are any existing or potential provincial heritage or archeological properties which may be located at or abutting our Project location. The Project is situated at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6 and registered as Range Lake Lot 17 RP, Petawawa, County of Renfrew.

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

Regards,
Jane

Jane Ho, P.Eng, PMP
Innovation, Technology and Alternate Delivery

2085 Hurontario Street, 5th Floor | Mississauga, Ontario | L5A 4G1



22 March 2021

Town of Petawawa
1111 Victoria Street,
Petawawa, Ontario
K8H 2E6

Dear Sir/Madam:

The Town of Petawawa is currently leading a Project to upgrade the existing Petawawa Water Pollution Control Plant (WPCP) into a Resource Recovery Facility by diverting waste from landfill and producing biogas for energy recovery. The Project is situated at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6 and registered as Range Lake Lot 17 RP, Petawawa, County of Renfrew.

As part of the Project consultation efforts, we are gathering information related to heritage and archaeological properties in the Project location. The Town has completed the “REA Checklist: Consideration of Potential for Heritage Resources” (attached) following consultation with the local Planner and found no Heritage Resources in the Project area.

I am contacting the Ministry of Tourism Culture & Sport (MTCS) regarding any existing or potential provincial heritage properties which may be located at or abutting our Project location. According to O.Reg 359/09, s. 19, as part of a Renewable Energy Approval application process, the Town is required to check the Project Site against criteria in O. Reg. 359/09, s. 19, Table 1. We would appreciate it if the Ministry could provide the necessary confirmations from that Table:

Item	Description of Property	Present on or abutting Site, 560 Abbie Lane, Petawawa?
1	A property that is the subject of an agreement, covenant or easement entered into under clause 10 (1) (b) of the Ontario Heritage Act.	To be confirmed by Ontario Heritage Trust
4	A property designated by order of the Minister of Tourism, Culture and Sport made under section 34.5 of the Ontario Heritage Act as a property of cultural heritage value or interest of provincial significance.	To be confirmed by Ministry of Tourism, Culture and Sport
5	A property in respect of which a notice of intention to designate the property as property of cultural heritage value or interest of	To be confirmed by Ministry of Tourism,

	provincial significance has been given in accordance with section 34.6 of the Ontario Heritage Act.	Culture and Sport
8	A property designated as a historic site under Regulation 880 of the Revised Regulations of Ontario, 1990 (Historic Sites) made under the Ontario Heritage Act.	To be confirmed by Ministry of Tourism, Culture and Sport

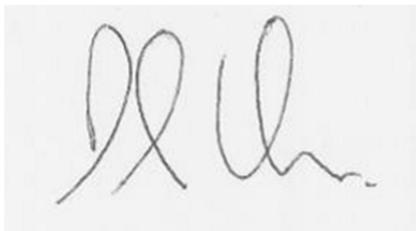
Additionally, the Town of Petawawa has reviewed its records for the presence of any archaeological resources at the Project location which had been subject to recent, extensive and intensive ground disturbance and completed of the MTCS's "REA Checklist: Consideration of Potential for Archaeological Resources" form, O. Reg. 195/12, s. 14. Per the checklist, an archaeological assessment is not required; please advise if the MTCS has information otherwise on local archaeological resources.

Thank you in advance and please do not hesitate to contact me with any questions.

Attachments

- 1. Notice of Project (including location map)*
- 2. REA Checklist: Consideration of Potential for Heritage Resources*
- 3. REA Checklist: Consideration of Potential for Archaeological Resources*

Sincerely,



David Unrau, P. Eng. PMP
Public Works Director

Attachment 1 - Notice of Project

Notice of a Proposal

by: [Town of Petawawa] to engage in a Renewable Energy Project

Project Name: [Petawawa Net Zero project]

OPA Reference Number: [TBD]

Project Location: [The Project is situated within the Petawawa Water Pollution Control Plant, located at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6 (Site). The Site has an area of 75.3 acres and is registered as Range Lake Lot 17 RP, Petawawa, County of Renfrew; roll number 477907902006900.]

Dated at: Town of Petawawa this the [29th] of [October 2020]

The Town of Petawawa is planning to engage in a renewable energy project in respect of which the issuance of a renewable energy approval is required. The distribution of this notice of a proposal to engage in this renewable energy project and the project itself are subject to the provisions of the *Environmental Protection Act* (Act) Part V.0.1 and the Ontario Regulation 359/09 (Regulation). This notice must be distributed in accordance with section 15 of the Regulation prior to an application being submitted and assessed for completeness by the Ministry of the Environment and Climate Change.

Project Description:

Pursuant to the Act and Regulation, the facility, in respect of which the project is to be engaged in, is considered to be an Anaerobic Digestion Facility Class 3. If approved, this facility would have a total maximum name plate capacity of 200 kW. The project location is described in the map below.

The project is being proposed in accordance with the requirements of the Act and Regulation. The Draft Project Description Report titled “Petawawa Net Zero Project Renewable Energy Approvals Application: Project Description Report, Preliminary” describes the project as upgrading the existing anaerobic digester technology to convert the Water Pollution Control Plant (WPCP) from its traditional treatment-based process to a Resource Recovery process, achieving the goal of being an Energy Net Zero Plant. The proposed Project involves upgrading the plant’s existing anaerobic digester(s), improving the digestion efficiency of the WPCP sludge and allowing additional biosolids and organics (from food waste or fats, oils and grease) to be brought into WPCP from the Town and neighboring wastewater plants as well as other biosolid producers (breweries, commercial, restaurants, etc.). Biogas generated through the anaerobic digestion process would be used to produce renewable energy on-Site through Combined Heat and Power (CHP) Engines and other beneficial use of biogas. A written copy of the Draft Project Description Report is being made available for public inspection at **the Town Hall, 1111 Victoria Street, Petawawa, Ontario, K8H 2E6.**

Project Contacts and Information:

To learn more about the project proposal or to communicate concerns please contact:

Mr. David Unrau, Director of Public Works, Town of Petawawa. (dunrau@petawawa.ca)
Mr. Indra Maharjan, Director of Innovation, Technology and Alternate Delivery, Energy, Climate Change and Resource Recovery, Ontario Clean Water Agency
(imaharjan@ocwa.com ; 416-775-0056)

[project website address TBD]

The Project is situated within the Petawawa Water Pollution Control Plant, located at 560 Abbie Lane, Petawawa, County of Renfrew, K8H 2E6 (Site). The Site has an area of 75.3 acres and is registered as Range Lake Lot 17 RP, Petawawa, County of Renfrew; roll number 477907902006900.



Attachment 2 - Heritage Checklist

Applies to: Applicants for a renewable energy approval (REA) under the *Environmental Protection Act* who opt to consider the potential for heritage resources under subsection 23(2) of O. Reg. 359/09.

Screening Question

Is the project location situated on a parcel of land that:

	Yes	No
1. Abuts any protected property as described in Column 1 of the Table in section 19?*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is included on the Ministry of Tourism, Culture and Sport's list of provincial heritage properties?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Is listed on a register or inventory of heritage properties maintained by the municipality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the subject of a municipal, provincial or federal plaque?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is on or abutting a National Historic Site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Is on or abutting a known burial site or cemetery?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Contains structures over forty years old? (Residential structures, farm buildings and outbuildings, industrial, commercial, institutional buildings and/or engineering works, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Is there Aboriginal or local knowledge or accessible documentation suggesting that the project location is situated on a parcel of land that:

	Yes	No
8. Contains or is part of a cultural heritage landscape? (Aboriginal trail, park, Canadian Heritage River, designed garden, historic road or rail corridor, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is considered a landmark in the local community or contains any structures or sites that are important to defining the character of the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Has special association with a community, person or historical event? (Aboriginal sacred site, traditional-use areas, battlefield, birthplace of an individual of importance to the community, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If **YES** to one or more of the above questions, there is potential for heritage resources at the project location.

If **uncertain** about the answer to one or more of the above questions, a heritage assessment is advised as additional research is required to determine whether there is potential for heritage resources at the project location.

If **NO** to all of the above questions, there is low potential for heritage resources at the project location. A summary of the information supporting the consideration of potential for heritage resources must be included in the design and operations report.

*If the project is located on a protected property, written authorization must be obtained from the appropriate body and submitted to the Ministry of the Environment as part of complete REA application under section 19 of O. Reg. 359/09.

[Clear Form](#)

[Print Form](#)

[Print Form and Guide](#)

REA Checklist: Consideration of Potential for Heritage Resources

- Background -

Please refer to the Ministry of Tourism, Culture and Sport (MTCS) guide *Cultural Heritage Resources: An Information Bulletin for Projects Subject to Ontario Regulation 359/09 Renewable Energy Approvals* for further information.

Regulation 359/09 requires the proponent to consult with the public, municipalities, and Aboriginal communities regarding the proposed project. Heritage and archaeological sites are of critical importance to First Nations, Inuit and Métis communities and they should be involved in the assessment process. For further guidance on engaging Aboriginal communities please refer to the Ministry of the Environment's *Draft Aboriginal Consultation Guide for Preparing a Renewable Energy Approval (REA) Application*.

1. Is the project location situated on a parcel of land that abuts any protected property as described in Column 1 of the Table in section 19?

If there are protected properties that abut the project location, a heritage assessment is required to evaluate project impacts and propose mitigation strategies.

Information about protected properties may be obtained from the Registrar at the Ontario Heritage Trust, the Local Land Registry Office, or Municipal Clerk. Please consult column 2 of the Table in section 19 to determine which authority holds the necessary information.

2. Is the project location situated on a parcel of land that is included on the Ministry of Tourism, Culture and Sport's list of provincial heritage properties?

Provincial heritage properties are properties the Government of Ontario owns or controls that have local or provincial cultural heritage value or interest. MTCS maintains a list of all provincial heritage properties based on information provided by ministries and prescribed public bodies. As they are identified, MTCS adds properties to the list of provincial heritage properties.

Information on provincial heritage properties can be obtained by contacting the Ministry's Registrar of Provincial Heritage Properties at registrar@mcl.gov.on.ca.

3. Is the project location situated on a parcel of land that is listed on a register or inventory of heritage properties maintained by the municipality?

Municipal registers are the official lists or record of cultural heritage properties that have been identified as being important to the community. Registers must include all properties that are designated under the Ontario Heritage Act (under Part IV or V). Municipal registers may also include properties that have not yet been formally designated, but that have been recognized by the community as having cultural heritage value or interest and may be considered for designation.

Check with the Municipal Clerk, or Heritage Planning staff to determine if a property is listed on a municipal register.

4. Is the project location situated on a parcel of land that is the subject of a municipal, provincial or federal plaque?

Heritage resources are often recognized with formal plaques or markers. Plaques may be erected by municipal, provincial or federal government, or by local non-government organizations. The municipality should be aware of whether there are any local plaque programs, or if there are any federal or provincial plaques near the project location.

Information on federal plaques can also be found on the Parks Canada website: www.pc.gc.ca/apps/dfhd/default_eng.aspx.

Information about provincial plaques is available online through the Ontario Heritage Trust (OHT) Online Plaques Guide: www.heritagetrust.on.ca/Resources-and-Learning/Online-Plaque-Guide.aspx.

5. Is the project location situated on a parcel of land that is on or abutting a National Historic Site?

National Historic Sites are properties of national historic significance that are designated by the Federal Minister of the Environment, based on advice from the Historic Sites and Monuments Board of Canada.

For more information on National Historic Sites: www.pc.gc.ca/apps/dfhd/default_eng.aspx.

6. Is the project location situated on a parcel of land that is on or abutting a known burial site or cemetery?

Information on known cemeteries and/or burial sites may be obtained from the Registrar of Cemeteries, Ministry of Consumer Services. The Cemeteries Regulation Unit maintains a database of registered cemeteries:

www.consumerbeware.mgs.gov.on.ca/eseach/cemeterySearch.do?eformsId=0

The Ontario Genealogical Society (OGS) has created a cemetery locator that includes records for all Ontario cemeteries, both existent and non-existent, cairns, family plots and burial registers, etc. This information is available on the OGS website:

<http://ogs.andornot.com/CemLocat.aspx>

Early cemeteries may also be marked in historical atlases. Digital versions of historic atlases are available on the Canadian County Atlas Digital Project website: <http://digital.library.mcgill.ca/countyatlas/SearchMapframes.php>

7. Is the project location situated on a parcel of land that contains structures over forty years old?

(Residential structures, farm buildings and outbuildings, industrial, commercial, or institutional buildings, and/or engineering works, etc.)

A 40 year old threshold is commonly used as an indicator of potential when conducting a preliminary survey for identification of cultural heritage resources. While the presence of a built feature that is 40 or more years old does not automatically signify cultural heritage value, it does make it more likely that the property could have cultural heritage value or interest.

The property owner may have information on the age of any houses or structures on the property. The municipality or local land registry office may also have information on the history of the property or would be able to determine the approximate age of the home based on the history of the development of the area.

If these sources cannot provide an approximate age, more information on researching the age of buildings or properties can be found in MTCS' Ontario Heritage Tool Kit Guide *Heritage Property Evaluation*:

http://www.mtc.gov.on.ca/en/publications/HPE_Eng_large.pdf.

8. Is there Aboriginal or local knowledge or accessible documentation suggesting that the project location is situated on a parcel of land that contains or is part of a cultural heritage landscape?

(Aboriginal trail, park, Canadian Heritage River, designed garden, historic road or rail corridor, etc.)

Some landscapes may have cultural heritage value to a community. For instance, an Aboriginal trail, historic road or rail corridor may have been established as a key transportation or trade route and may have been important to the early settlement of an area. Parks, designed gardens or unique landforms such as waterfalls, rock faces, caverns, or mounds are areas that may have connections to a particular event, group or belief.

The Canadian Heritage Rivers System is a national river conservation program. It promotes, protects and enhances the best examples of Canada's river heritage. More information is available at <http://www.chrs.ca/en/main.php>. Questions regarding Canadian Heritage Rivers should be directed to the local Conservation Authority or municipal staff.

Information on cultural heritage landscapes could be requested during Aboriginal engagement and public and municipal consultation. Members of Aboriginal communities who hold traditional knowledge such as elders or community researchers may also have information on cultural heritage resources. Please note that Aboriginal traditional knowledge may be considered sensitive.

Municipal Heritage Committees (MHCs) or local heritage organizations may also be useful resources. A full list of MHCs is available on the MTCS website: <http://www.mtc.gov.on.ca/en/heritage/lacac.shtml>. The Ontario Historical Society's "Heritage Directory" has a list of heritage societies and organizations in the province:

www.ontariohistoricalsociety.ca/en/Start_Browsing_122.

A simple internet search should determine whether there is any accessible documentation available about the landscape; for instance, historical maps, a local recognition program, historical walking tour, municipal heritage management plan, cultural heritage landscape study, or municipal cultural plan that identifies the property in question. Information specific to trails may be obtained through <http://www.ontariotrails.on.ca>.

9. Is there Aboriginal or local knowledge or accessible documentation suggesting that the project location is situated on a parcel of land that is considered a landmark in the local community or contains any structures or sites that are important to defining the character of the area?

Potential landmarks, structures or sites may include: prominent buildings or landscape features, complexes of buildings, monuments, etc.

Information on landmarks could be requested during Aboriginal engagement and public and municipal consultation. Members of Aboriginal communities who hold traditional knowledge such as elders or community researchers may also have information on cultural heritage resources. Please note that Aboriginal traditional knowledge may be considered sensitive.

Municipal Heritage Committees (MHCs) or local heritage organizations may also be useful sources of information resources. A full list of MHCs is available on the MTCS website: <http://www.mtc.gov.on.ca/en/heritage/lacac.shtml>. The Ontario Historical Society's "Heritage Directory" has a list of heritage societies and organizations in the province: www.ontariohistoricalsociety.ca/en/Start_Browsing_122.

A simple internet search should determine whether there is any accessible documentation available about local landmarks; for instance, a local recognition program, historical walking tour, municipal heritage management plan, cultural heritage landscape study, or municipal cultural plan that identifies the property in question.

10. Is there Aboriginal or local knowledge or accessible documentation suggesting that the project location is situated on a parcel of land that has special association with a community, person or historical event?
(Aboriginal sacred site, traditional-use areas, battlefield, birthplace of an individual of importance to the community, etc.)

Local knowledge may reveal that the project location is situated on a parcel of land that has a special association with a community, person or event of historic interest (for example: Aboriginal sacred site, traditional-use area, battlefield, birthplace of an individual of importance to the community, etc).

Information on sites with historical or community associations could be requested during Aboriginal engagement and public and municipal consultation. Members of Aboriginal communities who hold traditional knowledge such as elders or community researchers may also have information on cultural heritage resources. Please note that Aboriginal traditional knowledge may be considered sensitive.

Municipal Heritage Committees (MHCs) or local heritage organizations may also be useful resources. A full list of MHCs is available on the MTCS website: <http://www.mtc.gov.on.ca/en/heritage/lacac.shtml>. The Ontario Historical Society's "Heritage Directory" has a list of heritage societies and organizations in the province: www.ontariohistoricalsociety.ca/en/Start_Browsing_122.

A simple internet search should determine whether there is any accessible documentation available about special historical associations with the property; for instance, historical maps, a local recognition program, historical walking tour, municipal heritage management plan, cultural heritage landscape study, or municipal cultural plan that identifies the property in question.

[Print Form](#)

Attachment 3 - Archaeology Checklist

Applies to: Applicants for a renewable energy approval (REA) under the *Environmental Protection Act* who opt to consider the potential for archaeological resources under subsection 21(3) of O. Reg. 359/09.

Screening Question

	Yes	No
1. Has the entire project location been subjected to recent, extensive and intensive ground disturbance? (Quarrying, landscaping involving deep land alterations, etc.) Note: Activities such as agricultural cultivation and gardening are not considered to be disturbances.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If you answered YES to the preceding question, an archaeological assessment is NOT required, and it is not necessary to fill out the remainder of the checklist. A summary of the information supporting recent disturbance must be included in the design and operations report.		
2. Are there any archaeological sites included in the records maintained by the ministry at or within 250 metres of the project location?	<input type="checkbox"/>	<input type="checkbox"/>
3. Is there Aboriginal or local knowledge of archaeological sites at or within 250 metres of the project location? Note: Aboriginal communities, municipal government, historical societies and local museums are all valuable sources of local knowledge.	<input type="checkbox"/>	<input type="checkbox"/>
4. Is there a water body at or within 250 metres of the project location? (Lake, river, permanent stream, intermittent stream, and/or seepage area.)	<input type="checkbox"/>	<input type="checkbox"/>
5. Is there a known burial site or cemetery at the project location or abutting any parcel of land on which the project is located?	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the project location situated on a parcel of land that is a protected property described in Column 1 of the Table in section 19 of O. Reg. 359/09?*	<input type="checkbox"/>	<input type="checkbox"/>
7. Are there any rare, unusual or unique land formations at the project location? (Caves, mounds, cliffs, swales, raised sand or gravel ridges, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
8. Are there areas of elevated topography at the project location? (Hills, plateaus, or glacial landforms such as drumlins or eskers, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
9. Does the project location contain areas of sandy, well drained soil?	<input type="checkbox"/>	<input type="checkbox"/>
10. Are there indications of any early settlements at or within 250 metres of the project location? (Aboriginal trails, monuments, structures, fences, mills, historic roads, rail corridors, canals, etc.)	<input type="checkbox"/>	<input type="checkbox"/>

If **YES** to one or more of questions 2 -10 there is potential for archaeological resources at the project location.

If **uncertain** about the answer to one or more of the above questions, an archaeological assessment is advised as additional research is required to determine whether there is potential for archaeological resources at the project location.

If **NO** to all of questions 2 -10, there is low potential for archaeological resources at the project location. A summary of the information supporting consideration of potential for archaeological resources must be included in the design and operations report.

*If the project is located on a protected property, written authorization must be obtained from the appropriate body and submitted to the Ministry of the Environment as part of complete REA application under section 19 of O. Reg. 359/09.

Clear Form

Print Form

Print Form and Guide

REA Checklist: Consideration of Potential for Archaeological Resources

- Background -

Please refer to the Ministry of Tourism, Culture and Sport (MTCS) guide *Cultural Heritage Resources: An Information Bulletin for Projects Subject to Ontario Regulation 359/09 Renewable Energy Approvals* for further information on cultural heritage resources.

Regulation 359/09 requires the proponent to consult with the public, municipalities, and Aboriginal communities regarding the proposed project. Heritage and archaeological sites are of critical importance to First Nations, Inuit and Métis communities and they should be involved in the assessment process. For further guidance on engaging Aboriginal communities please refer to the Ministry of the Environment's *Draft Aboriginal Consultation Guide for Preparing a Renewable Energy Approval (REA) Application*.

1. Has the entire project location been subjected to recent, extensive and intensive ground disturbance?
(e.g. Quarrying, landscaping involving deep land alterations, etc.)

The proponent should consider whether there has been recent (post-1960), extensive (over all or most of the area), and intensive (thorough or complete) disturbance. Activities such as agricultural cultivation, gardening, minor grading and landscaping are not considered to be disturbances that affect archaeological potential.

Examples of deep disturbance are:

- Quarrying;
- Major landscaping involving grading below topsoil;
- Building footprints and associated construction area, where the building has deep foundations or a basement
- Infrastructure development such as sewer lines, gas lines, underground hydro lines, roads and any associated trenches, ditches, interchanges.

This information can generally be obtained through a site visit and should be documented through photographs, maps and detailed descriptions in the design and operations report. Where it cannot be clearly demonstrated through research and property inspection that there has been both intensive and extensive disturbance of an area, MTCS recommends hiring a consultant archaeologist to undertake a Stage 1 archaeological assessment.

2. Are there any archaeological sites included in the records maintained by the ministry at or within 250m of the project location?

The Ministry of Tourism, Culture and Sport maintains a database of archaeological sites reported to the ministry, this includes five sites designated by the ministry under Regulation 875 of the Revised Regulations of Ontario, 1990 (Archaeological Sites) made under the *Ontario Heritage Act*.

For information about archaeological sites which may be present at the project location contact the Archaeological Data Coordinator at archaeologicalsites@ontario.ca.

3. Is there Aboriginal or local knowledge of archaeological sites at or within 250m of the project location?

Note: Aboriginal communities, municipal government, historical societies and local museums are all valuable sources of local knowledge.

Aboriginal communities and municipal staff may have information about archaeological sites that are not included in the ministry database. Information about archaeological sites could be requested during Aboriginal engagement and public and municipal consultation. Please note that Aboriginal traditional knowledge may be considered sensitive.

Other sources of local knowledge may include: the property owner, local heritage organizations or the municipal heritage committee (MHC); and/or published local histories. A full list of MHCs is available on the MTCS website: <http://www.mtc.gov.on.ca/en/heritage/lacac.shtml>. The Ontario Historical Society's "Heritage Directory" has a list of heritage societies and organizations in the province: www.ontariohistoricalsociety.ca/en/Start_Browsing_122.

Note: Local knowledge of past and present uses of the property may also help in determining whether there is potential for archaeological resources to be present (e.g. bird or animal migratory routes, logging locations, agricultural/berry extraction areas, resource extraction of minerals, chert outcrops, metals).

4. Is there a water body within 250m of the project location?
(Lake, river, permanent stream, intermittent stream, and/or seepage area.)

Water bodies are associated with past human occupations and use of the land. Approximately 80-90% of archaeological sites are found within 250m of water bodies (river, lake, stream, wetlands).

Information on water bodies can be obtained through a site visit, aerial photographs and/or 1:10,000 scale Ontario Base Maps (or equally detailed and scaled maps). Ontario Base Maps (OBM) is a series of maps that have been created and updated by the Ministry of Natural Resources since the 1980s. These and a number of other topographical maps have been made available on the Natural Resources Canada website: <http://atlas.nrcan.gc.ca/site/english/maps/topo/map>

Note: This definition of water body **does not** include man-made water bodies such as temporary channels for surface drainage, rock chutes and spillways, roadside ditches that do not contain a permanent or intermittent stream, temporarily ponded areas that are normally farmed, dugout ponds, or artificial bodies of water intended for the storage, treatment or recirculation of runoff from farm animal yards, manure storage facilities and sites and outdoor confinement areas.

5. Is there a known burial site or cemetery at the project location or abutting any parcel of land on which the project is located?

Information on known cemeteries and/or burial sites may be obtained from the Registrar of Cemeteries, Ministry of Consumer Services. The Cemeteries Regulation Unit maintains a database of registered cemeteries:
www.consumerbeware.mgs.gov.on.ca/eseach/cemeterySearch.do?eformsId=0

The Ontario Genealogical Society (OGS) has created a cemetery locator that includes records for all Ontario cemeteries, both existent and non-existent, cairns, family plots and burial registers, etc. This information is available on the OGS website:
<http://ogs.andornot.com/CemLocat.aspx>

Early cemeteries may also be marked in historical atlases. Digital versions of historic atlases are available on the Canadian County Atlas Digital Project website: <http://digital.library.mcgill.ca/countyatlas/SearchMapframes.php>

6. Is the project location situated on a parcel of land that is a protected property described in Column 1 of the Table in section 19 of O. Reg. 359/09?

A protected property located at the project location is a strong indication that there may be archaeological resources in the immediate area. Information about protected properties may be obtained from the Registrar at the Ontario Heritage Trust, the Local Land Registry Office, or Municipal Clerk.

Please consult column 2 of the Table in section 19 to determine which authority holds the necessary information.

7. Are there any rare, unusual or unique land formations at the project location?
(Caves, mounds, waterfalls, cliffs, swales, raised sand or gravel ridges, etc.)

Certain land formations, such as waterfalls, rock outcrops, rock faces, caverns, mounds, etc., were often important to past inhabitants as special or sacred places. This significance may be indicated by the presence of burials, structures, offerings, rock paintings or carvings, etc.

Past water bodies can also be an important indicator of archaeological potential. Past water bodies may be visible on the landscape in the form of features such as raised sand or gravel ridges, sharp drops in the terrain, clear dips or swales or even old cobble beaches. The local municipality may have GIS mapping or information about unique land formations and past water bodies at the project location and could be a helpful resource in answering this question.

Information on significant features, including past water bodies, could be requested during Aboriginal engagement and public and municipal consultation. Aboriginal communities may hold traditional knowledge about their past use or resources in the area. Please note that Aboriginal traditional knowledge may be considered sensitive.

Information on land formations may be obtained through a site visit, aerial photographs and/or 1:10,000 scale Ontario Base Maps (or equally detailed and scaled maps). Geological mapping will show glacial lake shorelines and other geological formations. Natural Resources Canada's website has made a number of topographical maps, including OBM, available:
<http://atlas.nrcan.gc.ca/site/english/maps/topo/map>

8. Are there areas of elevated topography at the project location?
(Hills, plateaus, or glacial landforms such as drumlins or eskers, etc.)

Higher ground surrounded by low or level topography is commonly an indicator of past settlement and land use. Property containing eskers, drumlins, sizeable knolls, plateaus next to lowlands, or other such features is a strong indication of archaeological potential.

Information on areas of elevated topography may be obtained through a site inspection, aerial photographs and/or topographical maps. Ontario Base Maps and many other topographical maps can be obtained through Natural Resources Canada's website: <http://atlas.nrcan.gc.ca/site/english/maps/topo/map>.

9. Does the project location contain areas of sandy, well drained soil?

Sandy, well drained soil in areas that are otherwise characterized by heavy soil or rocky ground is commonly an indicator of archaeological potential.

Information on areas of sandy soil may be obtained through a site inspection or soil mapping which can be accessed at: <http://sis.agr.gc.ca/cansis/publications/surveys/on/index.html>.

10. Are there indications of any early settlements at or within 250m of the project location?
(Aboriginal trails, monuments, structures, fences, mills, historic roads, rail corridors, canals, etc.)

Information on historic features such as roads, rail corridors, farmsteads, historic industrial complexes could be requested during Aboriginal engagement and public and municipal consultation. Aboriginal communities may hold traditional knowledge about their past use or resources in the area. Please note that Aboriginal traditional knowledge may be considered sensitive.

Historical maps and/or historical atlases may also contain valuable information on early settlement patterns. The Archives of Ontario holds a large collection of historical maps and historical atlases: [http://ao.minisisinc.com/scripts/mwimain.dll?get&file=\[ARCHON\]search.htm](http://ao.minisisinc.com/scripts/mwimain.dll?get&file=[ARCHON]search.htm)

Municipal Heritage Committees (MHCs) or local heritage organizations may have information on early settlements or landscape features (e.g. fences, mill races, etc) that could reveal that the site has archaeological potential. A full list of MHCs is available on the MTCS website: <http://www.mtc.gov.on.ca/en/heritage/lacac.shtml>. The Ontario Historical Society's "Heritage Directory" has a list of heritage societies and organizations in the province: www.ontariohistoricalsociety.ca/en/Start_Browsing_122.

[Print Form](#)

Appendix 6: Public meeting attendance

Petawawa Net Zero Project – Public Meeting (virtual)

December 16, 2020

Attendance:

David Unrau

Kate Bennett

Jim N

Indra Maharjan – OCWA

Jane Ho – OCWA

Vincent Nazareth

Mayor Sweet

Ashwani Kumar

Jason Charette



Final Public Meeting

Regarding a Proposal to Engage in a Renewable Energy Project

Project Name: Petawawa Net Zero Project

Monday, July 11, 2022 @ 4:00 p.m. to 6:00 p.m.

Please sign in:

Name (please print):	If you wish to be notified regarding any future decisions regarding this project, please include your email address:
Indra M. - BOCWA	
Aaron Law	
JIM & LINDA NORDI	
Andy Trader	
Brad Sweet	
James Carmody	
Theresa Dabowren	
Darry Schimmens	