

11e

Darlene Plumley

From: Will Patterson <wpatterson@potentiarenewables.com>
Sent: Tuesday, December 5, 2023 1:28 AM
To: Darlene Plumley
Cc: Juliana Velez; Info@HeartwoodBESS.ca
Subject: Municipal Support Resolution - Heartwood Storage Project
Attachments: LT1PF-MS200-Evidence-of-Municipal-Support-20230929 (3).pdf; 2023.12.04-MSR-Merrickville-Wolford_Overview.pdf; MSR_Heartwood_Merrickville-Wolford_Draft.pdf

Hi Darlene,

I've attached some additional details surrounding our request for a Municipal Support Resolution from Council for the Heartwood BESS Project.

As discussed, we are seeking a Municipal Support Resolution for the Project before the bid submission deadline (3pm on December 12th), because 4 of 10 non-price points are awarded to the project. Since the non-price score account for 20% of the Project's evaluation criteria, Municipal Support has a significant impact on the success of these projects. Proponents are also required to receive a Municipal Support Resolutions within 18-months of being awarded an LT1 Contract otherwise it's a material default under the LT1 contract and the IESO has a right to terminate the contract. If Municipal Support is not provided before the bid submission, we will have to post tens of millions dollars at-risk to maintain our project schedule and maintain our committed to pricing. The bid is also a binding process where we are required to post millions in security to the IESO as a performance security. So, receiving Municipal Support before we bid is extremely important for the success of the project and to ensure we are comfortable with the project schedule/price holders we have in place as well as posting the millions of dollars in security required.

If you have any questions on the above, please don't hesitate to call.

Thanks,
Will

--
Will Patterson, P.Eng., PMP
Senior Manager, Development & Origination

M • 236-808-5270

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Toronto, Ontario M5V 3C7
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This page sets out the instructions for completing the Prescribed Form – Evidence of Municipal Support.

All capitalized terms used in these instructions and the Prescribed Form – Evidence of Municipal Support, unless otherwise stated, have the meanings ascribed to them in the LT1 RFP.

INSTRUCTIONS APPLICABLE TO ALL PRESCRIBED FORMS:

- a. The first page of a Prescribed Form should be marked with the name of the Long-Term Reliability Project that is the subject of the Proposal. The Proponent should use the name given to the Long-Term Reliability Project in the Prescribed Form – Proponent Information, Declarations and Workbook.
- b. This instruction page is not required to be submitted as part of the completed Prescribed Form.
- c. The Prescribed Form is required to be submitted electronically via email to the IESO at LT.RFP@ieso.ca.
- d. Information provided in each Prescribed Form should be consistent with the information provided in the Proposal.
- e. Where the Prescribed Form has multiple pages, the pages of the Prescribed Form should be kept together in the Proposal in sequential order.
- f. Where a blank field for a section/page reference is provided in a Prescribed Form, enter the section/page reference of the Proposal where the substantiating evidence for that particular item can be found.
- g. Apart from the completion of any blanks, drop down lists, check boxes or similar uncompleted information in a Prescribed Form, no amendments may be made to the wording of a Prescribed Form.
- h. Each Prescribed Form must be completed in its entirety. Fields marked <if applicable> must be completed if applicable to the Proposal. If not applicable, they should be marked " Not Applicable".
- i. If a signature is required for a Prescribed Form, the Prescribed Form must be signed by a person with authority to bind the Proponent. The Prescribed Form may be printed, signed and scanned, or may be signed digitally through Adobe (Digital ID, or Fill and Sign), Apple Preview or DocuSign.
- j. With the exception of this instruction page, instructions within a Prescribed Form will be enclosed in brackets.

INSTRUCTIONS SPECIFIC TO THIS PRESCRIBED FORM:

- k. To be awarded Rated Criteria points pursuant to Section 4.3(c) of the LT1 RFP, a Proponent is to complete and submit in the Proposal a) the main body of this Prescribed Form and b) the applicable evidence of Municipal Support Confirmation, as indicated in Section 2, from each Local Municipality with authority over the Municipal Lands.
- l. Where the Municipal Support Confirmation is in the form of a Municipal Support Resolution, the Municipal Support Resolution must be dated no earlier than February 17, 2023.
- m. The Municipal Support Confirmation must be provided in Exhibit B.
- n. Councils of Local Municipalities have the option of using the form of Municipal Support Resolution provided in Exhibit A, should they so choose. A Blanket Municipal Support Resolution is an acceptable alternative to a Municipal Support Resolution.

GUIDANCE FOR MUNICIPALITIES:

The IESO is undertaking the LT1 RFP to competitively procure year-round capacity from dispatchable New Build and Eligible Expansion resources, including New Build and Eligible Expansion facilities incorporating Electricity generation and storage that (i) are registered or able to become registered in the IESO Administered Markets; (ii) larger than one (1) MW; and (iii) can deliver a continuous amount of Electricity to a connection point on a Distribution System or Transmission System during the Qualifying Hours for:

- (i) at least four (4) consecutive hours in the case of Electricity Storage Facilities; or
- (ii) at least eight (8) consecutive hours in the case of Non-Electricity Storage Facilities.

The LT1 RFP provides Proponents with the opportunity to obtain Rated Criteria Points, which will be used to more favourably position their Proposal in the LT1 RFP evaluation process. Four (4) Rated Criteria points are available for evidence of having obtained support from each Local Municipality in whose jurisdiction(s) the Long-Term Reliability Project is proposed to be located.

Should a Local Municipality wish to support a particular Long-Term Reliability Project, a group of Long-Term Reliability Projects, or one or more particular technology types, they must either pass a Municipal Support Resolution (project-specific) or a Blanket Municipal Support Resolution.

Local Municipalities are encouraged to use the template Municipal Support Resolution in Exhibit A. Should a Local Municipality wish to develop its own resolution, the resolution must:

- (A) identify:
 - (i) the Proponent;
 - (ii) the name, technology and Maximum Contract Capacity of the Long-Term Reliability Project; and

- (iii) the Municipal Lands that are subject to the authority of the Local Municipality; and
- (B) state that the Local Municipality supports the development, construction and operation of the Long-Term Reliability Project on the applicable Municipal Lands. The statement in such resolution may be qualified as being solely for the purposes of enabling the Proponent to receive Rated Criteria Points under the LT1 RFP or to satisfy its obligations under any contract awarded under the LT1 RFP, and does not supersede any applicable permits or approvals under applicable Laws and Regulations that may be required for a particular Long-Term Reliability Project.

Pursuant to the LT1 RFP, Proposals that did not receive the formal support of the local jurisdictional authorities of all the project communities in which the Long-Term Reliability Project is located in the form of a support resolution may be required under the LT1 Contract to be awarded pursuant to the LT1 RFP to submit such support resolution for compliance with its obligations.

Though the Municipal Support Confirmation may impact the rank of the Proponent's Proposal in relation to other Proposals received by the IESO, it does not guarantee a contract will be offered to the Proponent under the LT1 RFP.

THE REMAINDER OF THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK

Capitalized terms not defined herein have the meanings ascribed to them in the LT1 RFP.

Section 1 – Information of the Proponent and the Long-Term Reliability Project

a.	Unique Project ID of the Long-Term Reliability Project: <i><Enter Unique Project ID></i>	
b.	Name of the Long-Term Reliability Project: <i><Enter name of the Long-Term Reliability Project></i>	
c.	Legal name of the Proponent: <i><Enter legal name of the Proponent></i>	
d.	Property Identification Number (PIN), or if PIN is not available, municipal address or legal description of Properties included in the Municipal Lands <i>< insert PIN(s) (if a PIN is not available, use Municipal Address or legal description) or Grid Cell(s), if applicable></i>	
e.	List of all Local Municipalities with authority over the Municipal Lands: <i><insert name of the Local Municipality></i>	Local Municipality 1: Local Municipality 2 (if applicable):

Section 2 – Municipal Support Confirmation

a.	The form of Municipal Support Confirmation used for Local Municipality 1 named above in Section 1(e), attached in Exhibit B, is:	<input checked="" type="radio"/> A Municipal Support Resolution dated no earlier than February 17, 2023
----	--	---



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 Suite 1600
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 www.ieso.ca

Prescribed Form – Evidence of Municipal Support
 LT.RFP@ieso.ca

LT1PF-MS200

		<p>OR</p> <p><input type="radio"/> A Blanket Municipal Support Resolution</p>
<p>b.</p>	<p>The form of Municipal Support Confirmation used for Local Municipality 2 (if applicable) named above in Section 1(e), attached in Exhibit B, is:</p>	<p><input type="radio"/> A Municipal Support Resolution dated no earlier than February 17, 2023</p> <p>OR</p> <p><input type="radio"/> A Blanket Municipal Support Resolution</p>



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I hereby confirm that I am an individual with the authority to bind the Proponent and that, if applicable, by signing this form using electronic signature, I agree to the content, terms and conditions set out in the document on behalf of the Proponent.

PROPONENT NAME: _____

Per: _____

Print Name:

Print Title:
(I have authority to bind the Proponent)

Date Signed:

**EXHIBIT A
FORM OF MUNICIPAL SUPPORT RESOLUTION**

Resolution NO: _____ Date: _____

[Note: The Municipal Support Resolution must not be dated earlier than February 17, 2023.]

WHEREAS:

1. The Proponent is proposing to construct and operate a Long-Term Reliability Project, as defined and with the characteristics outlined in the table below, under the Long-Term Request for Proposals (“**LT1 RFP**”) issued by the Independent Electricity System Operator (“**IESO**”).

Unique Project ID of the Long-Term Reliability Project:	
Name of the Long-Term Reliability Project:	
Legal Name of Proponent:	
Technology of the Long-Term Reliability Project:	
Maximum Contract Capacity of the Long-Term Reliability Project (in MW):	
Property Identification Number (PIN), or if PIN is not available, municipal address or legal description of the portion of the Project Site that is located on lands subject to the authority of one or more Municipalities:	

2. Pursuant to the LT1 RFP, Proposals that receive the formal support of the local jurisdictional authorities of all the project communities in which the Long-Term Reliability Project is located in the form of a support resolution will be awarded Rated Criteria points for the purpose of ranking the Proposal in relation to other Proposals for a contract under the LT1 RFP; and

NOW THEREFORE BE IT RESOLVED THAT:

3. The council of <insert name of Municipality> supports the development, construction and operation of the Long-Term Reliability Project on the Municipal Lands.
4. This resolution's sole purpose is to enable the Proponent to receive Rated Criteria Points under LT1 RFP or to satisfy its obligations under any awarded LT1 Contract and may not be used for the purpose of any other form of approval in relation to the Proposal or Long-Term Reliability Project or for any other purpose. Rated Criteria points will be used to rank the Proponent's Proposal in relation to other Proposals received by the IESO under the LT1 RFP.

DULY RESOLVED BY THE LOCAL MUNICIPALITY

on the ___ day of _____, 20__

<Signature lines for elected representatives. At least one signature is required.>



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**EXHIBIT B
MUNICIPAL SUPPORT CONFIRMATION**

Note: Attach the Municipal Support Confirmation.

REQUEST FOR MUNICIPAL SUPPORT

Rated Criteria Points

- ◆ RFP Proposals submitted to the IESO's LT1 RFP will be assigned "Rated Criteria Points" that count towards their overall evaluation
- ◆ Proposals can receive up to of 10 Rated Criteria Points in the following categories:
 - Proponent Indigenous Participation Level = up to 3 points
 - Local Indigenous Community Participation = up to 3 points
 - Local Governing Body (Municipal) Support Confirmation = 4 points

Municipal Support

- ◆ A Municipal Support Confirmation can come in the form of a Blanket Municipal Support or a Municipal Support Resolution.
- ◆ Municipal Support Resolution: Is a resolution or other instrument signed by or on behalf of the Local Municipality which indicates that the council of such Local Municipality supports the development, construction and operation of the Long-Term Reliability Project.
- ◆ Providing Municipal Support does not supersede any applicable permits or approvals under applicable Laws and Regulations that may be required for a particular Long-Term Reliability Project.
- ◆ Support may be solely for purposes of the requirements of this LT1 RFP or the requirements of the LT1 Contract.

We are requesting **Municipal Support from the Village of Merrickville-Wolford for the Heartwood Battery Energy Storage Project**

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**EXHIBIT A
 FORM OF MUNICIPAL SUPPORT RESOLUTION**

Resolution NO: _____ Date: _____

[Note: The Municipal Support Resolution must not be dated earlier than February 17, 2023.]

WHEREAS:

1. The Proponent is proposing to construct and operate a Long-Term Reliability Project, as defined and with the characteristics outlined in the table below, under the Long-Term Request for Proposals ("**LT1 RFP**") issued by the Independent Electricity System Operator ("**IESO**").

Unique Project ID of the Long-Term Reliability Project:	LT1-074-2-3
Name of the Long-Term Reliability Project:	Heartwood Battery Energy Storage Project
Legal Name of Proponent:	Heartwood BESS Limited Partnership
Technology of the Long-Term Reliability Project:	Lithium-ion battery energy storage facility
Maximum Contract Capacity of the Long-Term Reliability Project (in MW):	Up to 360 MW
Property Identification Number (PIN), or if PIN is not available, municipal address or legal description of the portion of the Project Site that is located on lands subject to the authority of one or more Municipalities:	<ol style="list-style-type: none"> 1. PIN 68103-0072 2. PIN 68103-0075 3. PIN 68103-0181 4. PIN 68103-0170



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- Pursuant to the LT1 RFP, Proposals that receive the formal support of the local jurisdictional authorities of all the project communities in which the Long-Term Reliability Project is located in the form of a support resolution will be awarded Rated Criteria points for the purpose of ranking the Proposal in relation to other Proposals for a contract under the LT1 RFP; and

NOW THEREFORE BE IT RESOLVED THAT:

- The council of Township of South Dundas supports the development, construction and operation of the Long-Term Reliability Project on the Municipal Lands.
- This resolution's sole purpose is to enable the Proponent to receive Rated Criteria Points under LT1 RFP or to satisfy its obligations under any awarded LT1 Contract and may not be used for the purpose of any other form of approval in relation to the Proposal or Long-Term Reliability Project or for any other purpose. Rated Criteria points will be used to rank the Proponent's Proposal in relation to other Proposals received by the IESO under the LT1 RFP.

DULY RESOLVED BY THE LOCAL MUNICIPALITY

on the __ day of _____, 20__

<Signature lines for elected representatives. At least one signature is required.>

 Name:
 Position:

 Name:
 Position:

Darlene Plumley

12a

From: Mary Dawson-Cole <Mary.Dawson-Cole@mpac.ca>
Sent: Monday, November 13, 2023 11:00 AM
To: Darlene Plumley
Subject: MPAC: Farm Forestry Exemption Update



**MUNICIPAL
PROPERTY
ASSESSMENT
CORPORATION**

Good morning Doug,

I'm writing to provide two important updates affecting farm properties for the 2024 tax year.

Farm Property Class Tax Rate Program

MPAC is responsible for maintaining the tax classification on properties that qualify for tax incentive programs including the Farm Property Class Tax Rate Program. Program eligibility is determined by Agricorp who provides MPAC with an inventory of qualifying properties for year-end. MPAC has processed the property approvals for inclusion in the farm tax class for the 2023 Assessment Roll for the 2024 taxation year but has paused the majority of property removals from the farm tax class until the revised inventory is received after roll close. The removals will be processed with the appropriate tax class updates through supplementary assessments issued in May 2024.

This is an improvement to MPAC's former practice of removing properties from the farm tax class based on the year-end inventory in advance of the Assessment Roll, only to reverse that change through a Tax Incentive Approval (TIA) once new information is provided through the revised inventory received after roll close.

This new approach increases roll stability and significantly reduces the processing of changes for both MPAC and the municipalities.

Farm Forestry Exemption

MPAC's January 2022 email communication updated municipalities on our plans to modernize the entire Farm Forestry Exemption (FFE) process and increase transparency to municipalities and property owners.

This year, MPAC implemented a legislative change to the FFE and included the eligible FFE amount as an exempt tax partition on the Property Assessment Notice. This exemption will also be included on the Assessment Roll delivered to municipalities for the 2024 tax year.

In March, MPAC began issuing Special Amended Property Assessment Notices (SANs) for properties eligible for the (FFE) legislative change (up to 10 additional acres included in FFE).

As we approach the end of the year, we are processing year-end updates on properties that have 20 or less eligible acres to apply the new Unit Class of FF and Realty Tax Cass of E. These properties will receive a Notice to show the FFE partition for the 2024 tax year.

The Notice reflects the value of the property plus the assessed value of the FFE applied to the property. Before this change, the assessed value for the FFE was deducted from the total assessment and not provided on the Notice. A FFE information sheet will be enclosed with Notices for the affected properties, further explaining the update to property owners.

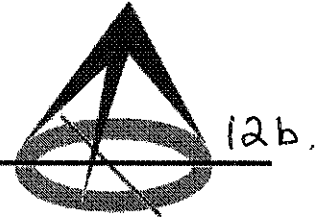
With the inclusion of FFE values on the Assessment Roll for 2024 taxation, municipalities with FFE will generally experience an increase to their assessment base attributed to their Exempt property class. Municipalities can view these changes in Municipal Connect.

For additional information on how the FFE is calculated, please go to mpac.ca/FFE.

If you have any questions, please contact your Municipal and Stakeholder Relations Account Manager, Kim Bennett at kim.bennett@mpac.ca.

Thank you,
Mary Dawson-Cole
Director, Municipal and Stakeholder Relations
Copy
Carmelo Lipsi, Vice President,
Valuation and Customer Relations and Chief Operating Officer

mpac.ca
Municipal Property Assessment Corporation



October 30, 2023

To Whom It May Concern:

The Association of Ontario Land Surveyors (AOLS) has been made aware that some municipalities have been providing opinions as to the location of property boundaries. This letter was prepared by the Municipal Surveyor's Committee of the AOLS to inform you that only licensed members of the AOLS can provide opinions on boundary locations.

Section 2 of the *Surveys Act* (R.S.O 1990) states "no survey of land for the purpose of defining, locating or describing any line, boundary or corner of a parcel of land is valid unless made by a surveyor or under the personal supervision of a surveyor". The Act defines a "surveyor" as "an Ontario Land Surveyor under the *Surveys Act*".

We understand that not all municipalities are able to have a licensed surveyor on staff. Therefore, if any of your staff receive enquiries from the public regarding boundary questions, staff need to inform them that they do not have the authority to provide information on boundaries. Further, municipal employees do not have the necessary skill set to review and evaluate all the information required to give opinions on boundaries, such as:

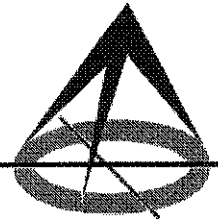
- Title information
- Existing survey plans (publicly available plans and/or privately held plans)
- Site features and condition (current and historical)
- Historical knowledge of a particular area

Only Ontario Land Surveyors have the training, knowledge and the ability to research this information to give unbiased opinions regarding boundary information.

Many municipalities now have Geographic Information Systems that display parcel information. It is important to let municipal staff know that these parcel limits are most likely not based on field surveys and therefore do not represent the true location of the boundaries. Parcel mapping is simply used as a tool for property indexing and therefore should not be used for interpreting boundaries.

If municipal staff receive enquiries regarding a boundary between two private ownerships, staff are to inform the public to contact a land surveying firm. Even municipalities with Ontario Land Surveyors on staff do not normally get involved with boundaries issues between private ownership.

There would be several advantages to having an Ontario Land Surveyor on staff with your municipality. Firstly, all enquiries could be forwarded to the surveyor, freeing up unlicensed staff to



focus on other tasks. The municipal surveyor could then respond to the resident with the enquiry, giving them as much information as they believe is helpful without creating a liability to the municipality. The surveyor could also advise the public on the advantages of hiring an Ontario Land Surveyor in private practice, including the scope of work involved in preparing the survey and a justification for the cost. Ontario Land Surveyors also have knowledge in a variety of areas, such as Geographic Information Systems, planning and land development, property acquisition and expropriation. A licensed surveyor is the best person to administer and review survey proposals, project scopes and estimates, ensuring the best value for the municipality.

In summary, municipal staff should not be providing boundary advice to members of the public or to other internal departments as they are exposing the Municipality to unnecessary risk and potential claims. The easiest solution for municipal staff is to inform the property owner to contact an Ontario Land Surveyor (<https://www.aols.org/find-a-survey-company>). If you have any other questions, you can also contact the undersigned.

Sincerely,

Penny Connors, B.A., B.Comm., C.H.R.M., C.R.M., C.A.E.
Registrar,
Association of Ontario Land Surveyors
Email: registrar@aols.org
(416) 491-9020 x 320

12c.



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November 27, 2023
File: 23-MWO-GEN

Village of Merrickville-Wolford
Po Box 340
317 Brock Street West
Merrickville, ON K0G 1N0

Attention: Darlene Plumley

Subject: **Revised Fee Schedules – Planning Act Advisory Services,
Section 28 Conservation Authorities Act Application Review,
Technical Report Review, Information and Professional Services**

Dear Ms. Plumley,

The Rideau Valley Conservation Authority Board of Directors has approved a revised fee schedule for implementation effective January 1, 2024. The revised fees reflect a 3 percent economic adjustment on all schedules. A copy of the fee schedule is attached for your reference. Interpretation statements and notes are to be read in conjunction with each schedule.

Conservation Authority planning advice is often the only focused and integrated environmental review that most applications receive. This process has reduced duplication and costs to our municipalities and allowed municipalities to benefit from the professional and technical expertise of Conservation Authority staff.

The Conservation Authority continues to emphasize the importance of pre-consultation so that constraints or issues related to natural hazards, surface water, groundwater and source water protection are identified prior to any submission. We thank you for your continued support over the last year by collecting fees and circulating applications in a timely manner.

We appreciate the effort to circulate complete applications with detailed drawings with as much advance notice as possible. This assists the Conservation Authority to provide comments within your specified timelines.

Proudly working in partnership
with our 18 watershed municipalities
Athens, Augusta, Backwith, Central Frontenac, Clarence-Rockland,
Drummond/North Elmsley, Elizabethtown-Kitley, Merrickville-Wolford, Montague,
North Dundas, North Grenville, Ottawa, Perth, Rideau Lakes, Smiths Falls, South Frontenac, Tay Valley, Westport

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The delivery of our Planning and Regulation Services program is founded on the principles of quality service that meets Provincially established timelines, a watershed-based scientific approach that addresses Provincial policy and related guidelines, as well as cost recovery.

The Conservation Authority looks forward to working with all our municipalities in 2024 to further our common interests with respect to managing natural hazards associated with flooding and erosion and maintaining and improving the natural resources within the Rideau Valley watershed.

If you have any questions or require additional information, please contact me at glen.mcdonald@rvca.ca.

Yours truly,

A handwritten signature in black ink, appearing to read "Glen McDonald". The signature is written in a cursive style with a large initial "G".

Glen McDonald, MCIP RPP
Director of Planning and Watershed Science

cc. planning@merrickville-wolford.ca

Attach. 2024 RVCA Fee Schedule



Schedule A: Planning Advisory Program

Approvals Fee Schedule
Effective: January 1, 2024

Application Type	Description	2024 Fee	
Official Plan	Minor	\$ 845	
Amendment	Major	\$ 4,120	
Zoning By-law	All	\$ 425	
Minor Variance	All	\$ 425	
Site Plan Control	Single residential	\$ 435	
	Multiple residential, commercial or industrial	Minor	\$ 725
		Standard	\$ 1,155
		Major	\$ 2,875
Consent to Sever (per application)	All	\$ 515	
	Clearance of Conditions (No site visit required)	\$ 245	
Plan of Subdivision/ Part Lot Control/ Condominium	No previous SPC in circulation	\$ 4,245	
	Clearance of Conditions (Subdivision registration/per	\$ 2,135	
	Draft plan approval revisions (Alteration to site plan/layout)	\$ 2,135	
	Draft plan extension (Original conditions about to lapse)	\$ 4,245	
Lifting of 30 cm Reserve		\$ 245	
Preconsultation		No charge	
City of Ottawa Screening Fee		\$ 130	
Site visit		\$ 185	
Reactivate dormant file (<i>Files inactive for two years or more</i>)		100% of fee	
Application revision		50% of fee	

Notes for Schedule "A":

Reviews are undertaken in accordance with the Conservation Authority's mandates and are directly related to circulation requirements under the Planning Act and the 2001 Provincial Memorandum of Understanding on Procedures to Address Conservation Authority Delegated Responsibility. Some reviews are completed under Municipal Memorandums of Understanding and agreements with the Provincial and Federal governments to provide planning advice. Section 21.2 of the Conservation Authorities Act enables Conservation Authorities to charge fees for such services.

Fees are exclusive of technical report review fees (refer to Schedule C). All fees must be paid prior to the release of written comments to an approval authority. For concurrent applications, unless otherwise stated, one fee (the highest) applies.

The CA reserves the right to charge additional fees, including for preconsultation, if the review requires a substantially greater level of effort than the norm, additional site visits, or more than one meeting etc., OR where additional processing past the initial submission period is required. Current fees apply for the reactivation or revision of files.

Application Categories: Minor – no technical studies, Standard – one technical study, Major – more than one tech. study.

Screening fee applies inside the Urban Boundary only as defined on Schedule "B" to the City of Ottawa Official Plan approved at the time of application.



Schedule B: Conservation Authorities Act Applications
per Ontario Regulation 174/06

Development: Structures*		
Auxiliary Buildings	Outside hazard, but within regulation limit (floodplain, slope &	\$ 290
	Within floodplain or slope hazard at existing grade, less than 538 ft ²	\$ 670
	Within floodplain or slope hazard, farm building less than 1000 ft ²	\$ 670
	Within floodplain or slope hazard, farm building greater than 1000 ft	\$ 1,075
Additions	Outside wetland hazard, but within 120-metre regulation limit	\$ 290
	Outside floodplain and slope hazard, but within regulation limit	\$ 475
	Within floodplain or slope hazard, less than 20% or 215 ft ²	\$ 670
	Within floodplain or slope hazard, greater than 20% or 215 ft ²	\$ 1,075
Foundation	Replacement or reconstruction	\$ 670
Decks	Single storey and open	\$ 290
New Residential Construction	Outside wetland hazard, but within 120-metre regulation limit	\$ 670
	Outside floodplain hazard, but within regulation limit (foundation above & outside of 1:100 RFL and no floodproofing required)	\$ 670
	Within slope or floodplain hazard	\$ 2,115
	Large residential, multiple residential units/blocks, institutional or commercial buildings	\$ 2,765
Residential Reconstruction	Outside wetland hazard, but within 120-metre regulation limit	\$ 290
	Outside floodplain and slope hazard, but within regulation limit	\$ 670
	Single-family home, without addition, within floodplain or slope hazard	\$ 1,075
	Single-family home, with addition, within floodplain or slope hazard	\$ 2,115
Stairs to water		\$ 290
Swimming Pools		\$ 290
Stamp Plan Approval	Minor works outside hazard, but within regulation limit	\$ 120
Development: Fill Placement & Grading (incl. temporary storage)*		
Balanced Cut & Fill, Fill & Grading (incl. septic beds in hazard areas)	< 50 m ³	\$ 290
	50-100 m ³	\$ 670
	100-500 m ³	\$ 1,075
	500-1000 m ³	\$ 2,115
	1000-2000 m ³	\$ 2,765
	>2000 m ³	\$ 5,530
Road Repair & Reconstruction (no cut & fill)	Municipal recreational pathways, private road repair, municipal road reconstruction < 500 linear m	\$ 670
	Municipal recreational pathways, private road repair, municipal road reconstruction > 500 linear m	\$ 1,075
	New roadway/access construction	\$ 2,115



Alteration to Shorelines & Watercourses & Interference with Wetlands*		
Shoreline Erosion Protection (in linear metres)	<15 m (approx. 50 ft)	\$ 290
	15-30 m	\$ 670
	>30 m (approx 100 ft)	\$ 1,075
Watercourse Alteration (in linear metres)	<100 m	\$ 670
	100-500 m	\$ 1,075
	500-1000 m	\$ 2,115
	1000-2000 m	\$ 2,765
	>2000 m	\$ 5,530
Infrastructure: Culvert (New or replacement)	New or like-for-like, length < 25 m and <1 m diameter	\$ 290
	New or like-for-like, length > 25 m and <1 m diameter, storm water outlets	\$ 670
	Multiple new culverts, or culverts >1 m but <2 m diameter	\$ 1,075
	New culvert > 2 m diameter	\$ 2,115
	Culvert lining < 25 m	\$ 290
	Culvert lining > 25 m	\$ 670
Infrastructure: Bridge	Repair and/or rehab with shoreline disturbance	\$ 290
	Full pedestrian bridge replacement, like-for-like	\$ 670
	Full road bridge replacement, like-for-like	\$ 2,115
	New bridge construction, stormwater pond/cell, major utility crossing	\$ 2,765
Debris removal or Dredge	Municipal drain maintenance (DART Protocol)	\$ 100
	Non-municipal drain <25 m	\$ 290
Watercourse	Non-municipal drain >25 m	\$ 670
Directional Drill		\$ 670
Open-Cut Water Crossing		\$ 1,075
Dock	Shoreline interference for residential dock	\$ 290

Deposits (refundable less 10% administrative fee)		
Fill Deposit	Minor projects	\$ 1,775
	Major projects	\$ 3,550
Other Fees & Services		
Revisions	Changes made to applications after permit issuance	50% of
Retroactive	Applications made after work has started require 100% surcharge of application fee	100% surcharge
Stamp Plan	Confirmation that development is outside of regulation limit	\$ 100
Property File Search	File search only-standard service (min. 10 business days)	\$ 290
	File search only - expedited service (5 business days)	\$ 565
	Site inspection- additional charge of	\$ 205
Sec. 28 Hearing	Section 28 Application Review Hearing fee only	\$ 415
Major Projects	ex. Minister's Zoning Orders, development or interference with >2 ha wetland, subdivisions > 10 lots, projects which require coordination of extensive technical reviews or multiple site visits). Note: Additional charges for legal or technical peer review may be applicable	\$ 5,530



Notes for Schedule B:

* Where multiple application types are proposed in one application, RVCA reserves the right to determine the fee based on each individual project proposal.

Project descriptions are only typical examples. RVCA reserves the right to determine the fee based on each individual project proposal, on a case-by-case basis, at the discretion of the Director of Regulations.

Fees are exclusive of the Technical Report Review Fees (see Schedule "C").

Fees are approved by the CA Board of Directors and apply to application review only; acceptance of an application as complete is not to imply permission may be granted. Permission will be forthcoming only if submissions address statutory requirements and are in conformity with approved CA policies in effect at the time an application is made or where allowances are granted by the Authority's Executive Committee. All fees are payable at the time the application is submitted, failing which the application cannot be deemed complete or processed.

The CA reserves the right to charge additional fees in the event that the review requires a substantially greater level of effort than the norm, additional site visits, etc., OR where additional processing past the initial submission period is required. A 50% surcharge on the current fee will be charged for applications left dormant for one year (reactivation fee).

Development: see definition under Section 28 (5) of the Conservation Authorities Act of Ontario (R.S.O. 1990, c. C. 27).

Watercourse: see definition under Section 28 (5) of the Conservation Authorities Act of Ontario (R.S.O. 1990, c. C. 27).

Wetland: see definition under Section 28 (5) of the Conservation Authorities Act of Ontario (R.S.O. 1990, c. C. 27).

Current fees apply for the revision of files.



Schedule C: Technical Report Review

Report Type	Development Area	Fee
Normal Review (20 business days) Reports include, but are not limited to: Floodplain hydrology analysis	< 0.5 hectares	\$ 475
Geotechnical reports (unstable soils and slopes) Wetland hydrologic impact analysis	0.5 - 2 hectares	\$ 930
Environmental impact studies Stormwater management	2 - 3 hectares	\$ 1,230
Grading and drainage plans Aquatic habitat assessment/fish habitat impact	3 - 5 hectares	\$ 1,950
Hydrological assessment Groundwater and terrain analysis Private Servicing	> 5 hectares	\$ 3,035
Major Projects		Hourly (See Schedule D)
Aggregate Resources Act Application (plus technical review fees, as applicable)		\$ 4,120

Notes for Schedule C:

Reviews are prepared by 'qualified professionals' in the fields of water resources engineering, groundwater science, site servicing, geotechnical engineering, environmental assessments, floodproofing, ecology and planning to support appropriate development. Our reviews involve evaluation of whether the applicable guidelines and legislation have been appropriately addressed.

Technical report review services are tracked per file on an hourly basis. Where the reviews exceed the standard allocated review time, or require multiple submissions, re-reviews, RVCA reserves the right to charge an hourly professional rate (Schedule "D") in addition to the initial fee.

Major projects are those with a high level of concern about the local environment, complex ecological, groundwater and surface water interactions and which may require RVCA staff attendance at multiple meetings with proponents, consultants, or public meetings to satisfy regulatory requirements.



Schedule D: Information & Professional Services

Approvals Fee Schedule
Effective: January 1, 2024

Product/Service		
Staff Time		
Administrative Rate		\$ 80/hour
Professional Rate		\$ 110/hour
Management Rate		\$ 140/hour
photography		
First item		\$170
Additional itmes		\$ 80/item plus staff time
Digital & Paper Maps		
Floodplain		\$ 95/item
Other		\$ 75/item
Customized		Professional Rate
Reports		
Base Cost (digital & paper)	Small (1-30 pages)	\$145
	Medium (31-100 pages)	\$285
	Large (>100 pages)	\$425
Photocopying	Black and white	\$ 0.75/page
	Colour	\$ 1.25/page plus staff time
Models* -digital copies		
Hydraulic Model	HEC II, HES RAS model files	\$ 2,190 plus staff time
	HES-HMS, SWMHYMO model files	\$ 2,190 plus staff time
Watershed Model		\$ 10,935 plus staff time

Notes for Schedule D

*A signed digital data license agreement with the RVCA is required. A copy of the updated input and output files and revised floodplain maps must be provided to RVCA.

PROPOSED

12 d



MERRICKVILLE DISTRICT
HISTORICAL SOCIETY

November 14, 2023

To:
Members of Village of Merrickville-Wolford Council
and
Village of Merrickville-Wolford's Merrickville Blockhouse Museum Municipal Services Board

The Merrickville and District Historical Society (MDHS) would like to thank members of Council for their passing of By-law 41-2023 on August 14, 2023 which established the Blockhouse Museum Municipal Services Board. MDHS believes this is a positive step towards the sustainable operation of the Merrickville Blockhouse Museum.

As the community organization which has operated the Blockhouse Museum for the last 56 years, MDHS understands the challenges associated with operating the Blockhouse Museum and would welcome the opportunity to work with the Blockhouse Museum Municipal Services Board (Blockhouse Museum Board) over the coming months to ensure a smooth transition toward the operation of the Blockhouse Museum for summer 2024 and beyond. The following are several issues that will require discussion and clarification in the near term:

1. Staff for summer 2024 (writing grants, hiring, training, supervision). The window for the Canada Summer Jobs and Young Canada Works grants application usually opens in late November/early December and will close by mid-January.
2. Liability for, and management of, artifacts and equipment currently located in the Blockhouse Museum. Approximately 95% of the artifacts located in the Blockhouse Museum are owned by MDHS (the remaining artifacts belong to Parks Canada). MDHS has no wish to remove these artifacts however would like to ensure that both the Society and the Blockhouse Museum Board have a clear understanding of how these artifacts and on-site MDHS equipment will be managed and what processes will be in place to account for unforeseen situations (eg damage, theft).

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3. Blockhouse Museum Board arrangements for MDHS to have access to the building for:
 - a. Spring cleaning and set-up of the museum (temperature and humidity sensitive artifacts and exhibits are removed from the Blockhouse and stored in MDHS' off-site storage facility during the winter months)
 - b. Tours of the museum outside of summer operating hours (eg. special tours in the shoulder seasons; evening tours for the Kawartha Voyageur, granting access for out-of-town researchers seeking access to MDHS' collections)
 - c. Care of the collections

4. Discussion with the Blockhouse Museum Board at its earliest convenience on funding opportunities for care of the MDHS collections. Blockhouse Museum operations moving to the Municipality from MDHS programming will have impact on both revenues and expenses for future years, and particularly during the transition in 2024.

5. MDHS understands that the Village of Merrickville-Wolford is currently undertaking an HR Review to assess the needs of the Municipality. Though it is MDHS' understanding that the Blockhouse Museum Board will, in time, seek to have dedicated staff, it would be well-served by having its needs acknowledged as part of the current HR review.

In summary, MDHS looks forward to meeting with the Blockhouse Museum Municipal Services Board at its earliest convenience to plan for this important transition and operations for the summer of 2024 and the coming years.

Sincerely,

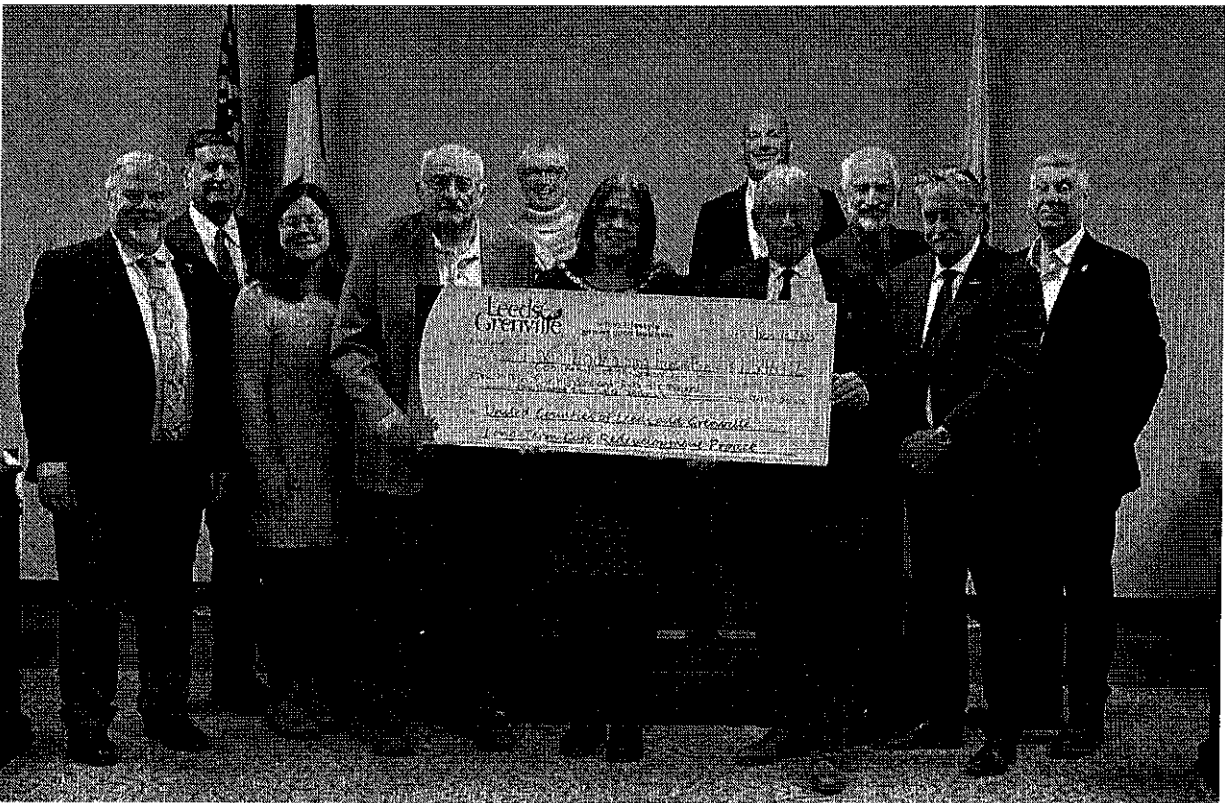
Jane Graham
President, MDHS
pres@merrickvillehistory.org



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MEDIA RELEASE

FOR IMMEDIATE RELEASE
November 28, 2023



Maple View Lodge Redevelopment Fundraising Committee presents Counties Council with a cheque in the amount of \$1,546,112, over half of the fundraising campaign goal of \$3 million. (Left to right) Brant Burrow, Jeff Shaver, Corinna Smith-Gatcke, Herb Scott, Robin Jones, Warden Nancy Peckford, Tory Deschamps, Doug Struthers, Arie Hoogenboom, Roger Haley, Michael Cameron

Maple View Lodge Redevelopment Fundraising Committee Celebrates Campaign's Halfway Mark: Counties Council received an abundance of good news during November's meeting. The Chair of the Maple View Lodge Redevelopment Fundraising Committee, Doug Struthers, announced the Committee has officially surpassed the



November 28, 2023

halfway mark of its \$3 million fundraising goal. Campaign contributions thus far total \$1,546,112.

Warden Nancy Peckford said, "This is really exciting - to be halfway to our goal." Warden Peckford continued by thanking all members of the Fundraising Committee for their dedication and enthusiasm while generating momentum for the project. Warden Peckford added the fundraising dollars are "so critical in providing the quality of life that we all care about."

Funds raised from the campaign will provide amenities such as resident lifts, technology enhancements for both residents and staff, rehabilitation equipment to keep residents healthy, and recreational amenities that are good for the mind and soul. Mr. Struthers said, "We graciously thank all the donors, both big and small, as every dollar counts. We are thankful that those who have donated consider this project a great need in our community."

The Committee also announced the launch of their new campaign initiative, "Room to Donate", which is an opportunity to sponsor a resident room in the new facility for a donation of \$5,000. Along with a resident room named in your honour or in memory of a loved one, you will know your donation will contribute funds to enhance the quality of life that our residents deserve.

The new, 192-bed long-term care facility, recently named the G. Tackaberry and Family Home, is the largest capital construction project in the history of the United Counties of Leeds and Grenville at a cost of more than \$84 million. Construction of the new, three-story, six-wing building is well underway on the Maple View Landings property in Athens, Ontario and will replace the existing 60-bed Maple View Lodge facility upon its expected opening in the summer of 2025. Options for repurposing the existing facility are actively being considered.

For more information, contact Fundraising Coordinator, Lesley Todd, at 613-340-6038 or email at Lesley.Todd@uclg.on.ca.



November 28, 2023

Media inquiries:

John Kalivas, Communications Coordinator
United Counties of Leeds and Grenville
25 Central Avenue W., Suite 100, Brockville, ON, K6V 4N6
613-802-1687 or John.Kalivas@uclg.on.ca

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Merrickville Estates # II (ME#2)

Another Planned Quality Country Living Community

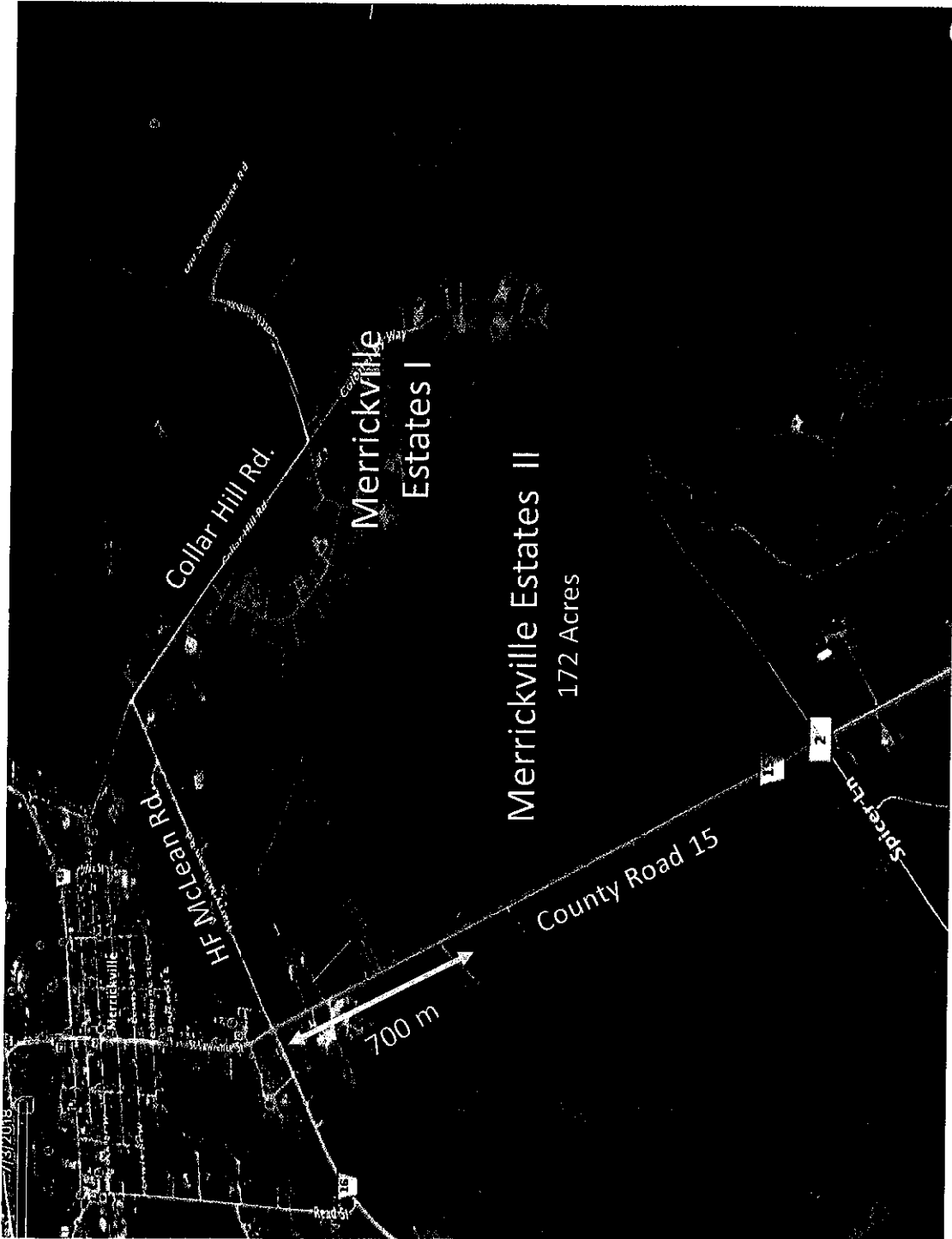
October 10, 2023

Charles P. Fournier, M.Sc., MBA, P.Eng.

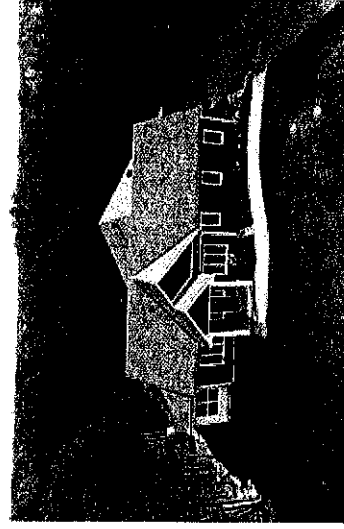
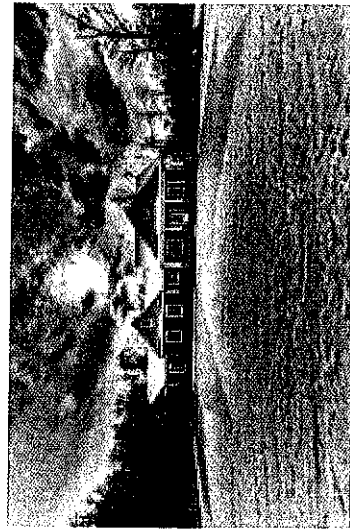
Agenda

- Overview of ME#2
- Studies Conducted
- Next Steps





ME#1 – sold out in 2021

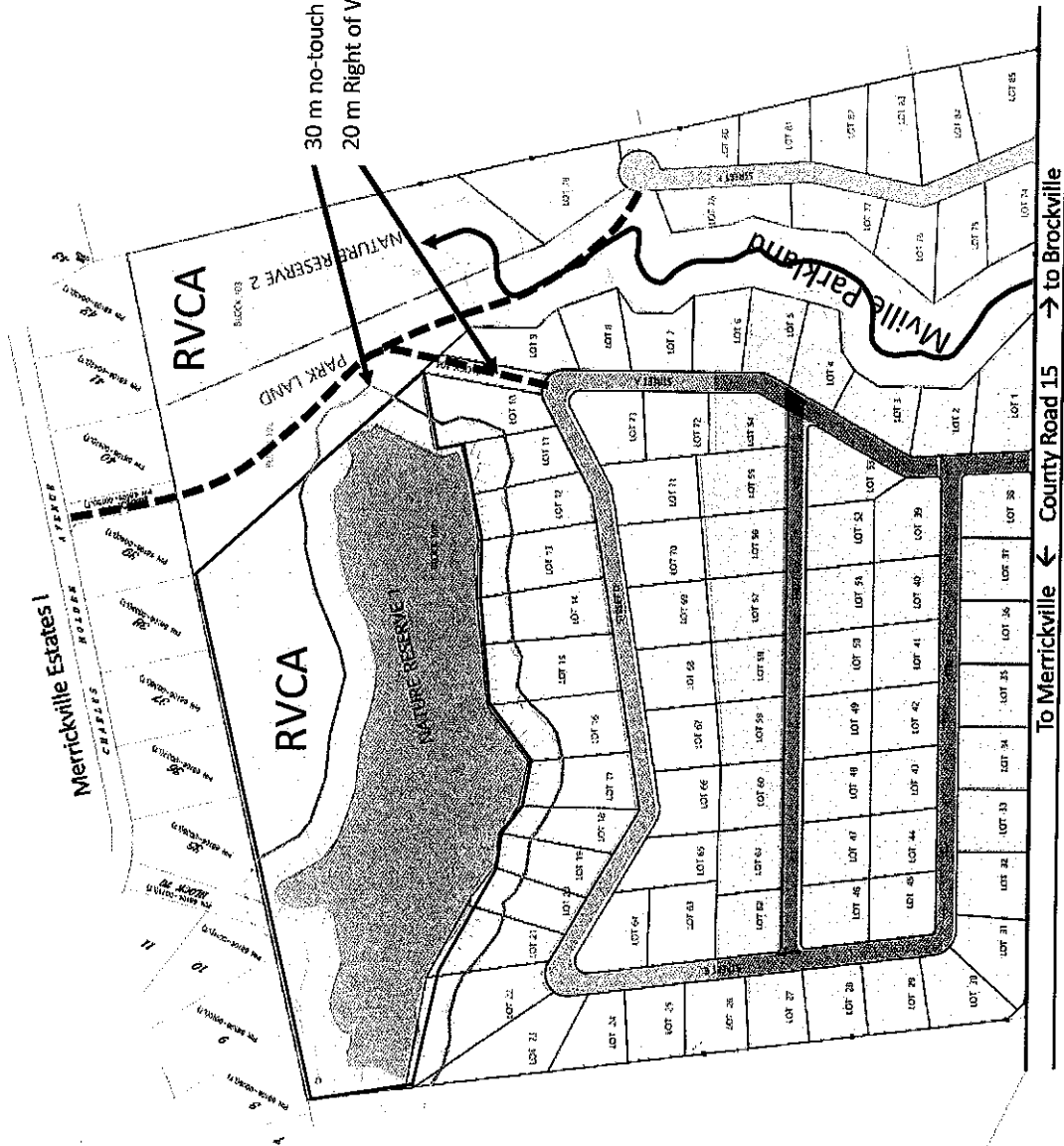


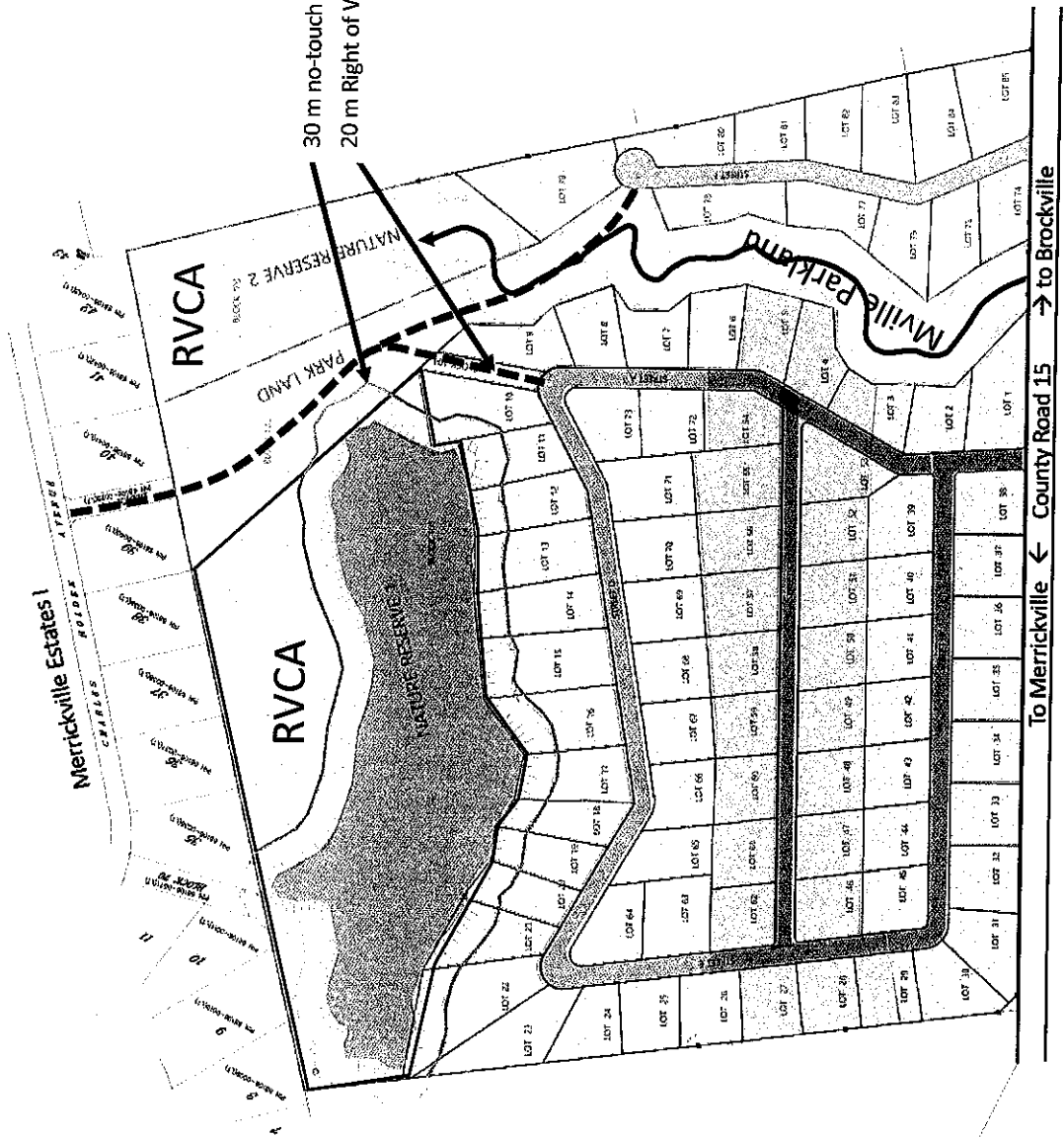
Merrickville Estates II

Wetland Feature	= 18.4 ha (25%)
RVCA Donated Lands	= 8.1 ha (11%)
Merrickville Parkland	= 26.5 ha (36%)

Total Lots Area = 39.4 ha (54%)
 Total Road Area = 6.4 ha (9%)

- Phasing Option 1**
- Phase 1 → 41 Lots
 - Phase 2 → 32 Lots
 - Phase 3 → 12 Lots
- 85 Lots**





Phasing Option 2

- Phase 1 → 18 Lots
 - Phase 2 → 23 Lots
 - Phase 3 → 32 Lots
 - Phase 4 → 12 Lots
- 85 Lots**

Numbers at a glance



Item	ME #2
Number of Lots	85
Avg Lot Size	0.47 ha (1.2 acres)
Minimum Lot Size	0.40 ha (1.0 acre)
Average Frontage	60 m (100 ft)
Average Lot Depth	77 m (250 ft)
Phases	3 or 4 (tbd)

Studies undertaken

1. Topographic Total Station Survey (Kollaard)
2. Property Title Absolute (Callon Dietz OLS, Jansen Law)
3. Environmental Impact Assessment (Ecological Services, SAR Peer Reviewed)
4. Hydrogeological Assessment (BluMetric Environmental)
5. Aggregate Resource Impact Assessment (Bonham-Carter)
6. Preliminary Stormwater Management Report (Asterisk)
7. Traffic Impact Study (Novatech)
8. Archaeological Assessment, Stages 1&2 (Abacus)
9. **Planning Rationale (Novatech) → a summary of all studies and compliance**



Planning Rationale

Recommend reading
this summary

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Next Step



- Subdivision Application is in Circulation
- Address any Concerns or Issues
- Draft Plan Approval

Thank you

12 g i

From: Sarah Woodley

Sent: Tuesday, December 5, 2023 11:00:04 AM

Subject: Concerns and Opposition to Proposed BESS Installation on Weedmark Road

Dear Council Member,

I am writing to express my deep concerns and opposition regarding the proposed installation of a Battery Energy Storage System (BESS) in our community.

As a resident in this area, and who explicitly lives on Weedmark road, I am deeply concerned about several aspects related to the potential environmental impact of this project. The specific concerns I wish to address are as follows:

- **Environmental Impact:** The introduction of a BESS raises concerns about its environmental impact, especially considering our volatile water table and the potential for water runoff into the water system that runs through my land. This system might pose risks to local ecosystems and water quality, especially since the proposed site is located within a regulated area of a floodplain, valley land, slope or wetland. The potential for increased noise, light pollution, and alterations to the local ecosystem due to this project could further disturb the sensitive habitats where endangered species reside; the Blanding's Turtle, a species that is significantly threatened under various conservation acts. The disturbances caused by the project may hinder the breeding, foraging, and overall survival of these animals, contributing to the further decline of their populations
- **Sound Pollution:** The noise generated by such systems can significantly impact the tranquility of our community, affecting the quality of life for residents in the vicinity and negatively effect the wildlife in the area. Studies have shown that prolonged exposure to excessive noise can have detrimental effects on the well-being of both humans and wildlife. For wildlife species that rely on sound for communication, navigation, and hunting, excessive noise can interfere with their ability to locate prey, communicate with each other, and ultimately disrupt their natural behaviors.
- **Light Pollution:** The potential for light pollution due to the installation's operation at all hours may disrupt the natural surroundings and have adverse effects on nocturnal wildlife. Studies have highlighted the detrimental effects of artificial light on wildlife, especially nocturnal species. For many animals, artificial light disrupts natural behavioral patterns, such as feeding, breeding, and migration. Nocturnal creatures, including various birds, insects, and mammals, heavily rely on natural darkness for essential activities, and excessive artificial light can confuse and disorient them. The introduction of intense lighting from the BESS could lead to disorientation among nocturnal wildlife, affecting their ability to navigate, find food, and locate habitats. Additionally, it could interfere with the natural circadian rhythms of these animals, potentially impacting their reproductive cycles and overall health.
- **Electromagnetic Fields (EMF):** There are genuine concerns about EMF emissions and their impact on health, especially for residents in close proximity to the installation, and negatively effect the wildlife in the area. Research has shown that exposure to high levels of EMF can have various effects on animals, including alterations in behavior, disruption of migratory patterns, interference with navigation abilities, and potential physiological impacts. While the specific effects of EMF on wildlife might vary, it is essential to acknowledge and mitigate any potential risks associated with these fields.

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- **Chemical Exposure and Fire Hazards:** The risk of chemical exposure and fire hazards associated with BESS technology raises valid safety concerns for our community. The potential for chemical leaks or fires from the BESS poses significant risks to the local ecosystem, including wildlife habitats and nearby water sources. The release of hazardous chemicals into the environment could have severe consequences, causing pollution, soil contamination, and threatening the health and survival of local plants and animals.
- **Scale of the Project:** This project, proposed on a massive scale, significantly differs from any BESS installations that have been implemented in similar environments. The lack of precedent on such a scale raises uncertainties about its potential implications.
- **Cold Climate Impact:** Given our cold climate, there's a real concern regarding the effectiveness of the BESS system in this environment. Cold temperatures could significantly reduce its efficiency and functionality, potentially rendering the project ineffective. Studies and experiences from other regions with similar climates have shown that extreme cold temperatures can cause decreased battery performance, diminished energy storage capacity, and slower charging and discharging rates. These effects can lead to decreased reliability and operational efficiency of the BESS during cold weather conditions, ultimately affecting its ability to provide stable and reliable energy storage.

The potential risks associated with this project deeply concern me and my family. I am worried about the negative impact it may have on our welfare and the well-being of our community.

My opposition stems not only from the concerns I have previously communicated but also from the lack of transparency and professionalism demonstrated by the company proposing this project.

As a resident in this area and who lives on Weedmark, I am deeply troubled by the minimal effort made by the proposing company to engage with our community regarding this project. Despite the magnitude of its potential impact, I discovered information about this project not through official channels or direct communication but rather stumbled upon it via social media (Facebook) which is appalling as this proposed project is intended for my street.

Moreover, attending the in-person informational session organized by the proposing company was disappointing. The lack of knowledgeable representatives to address crucial concerns, including environmental impact, safety risks, and operational details, was evident. Instead of providing substantive answers, attendees were merely asked to note down their concerns for future updates. Regrettably, no updates have been received, and the promised communication (receiving updating emails) has been absent, not only for me but also for other concerned residents.

The company's lack of professionalism and disregard for community engagement is appalling and disrespectful. This behavior raises serious doubts about their commitment to transparency and responsible operation within our community.

I firmly believe that open communication, transparency, and community engagement are vital aspects of any project that affects our neighborhood.

I urge the council to consider not only the substantive concerns regarding the BESS project but also the concerning lack of professionalism and community engagement exhibited by the proposing company. This disregard for transparency and communication sets a worrying precedent for how they might

conduct operations if this project proceeds.

I respectfully request a more comprehensive and transparent dialogue between the proposing company, the council, and our community. I urge the council to thoroughly assess these concerns, conduct comprehensive environmental impact studies, and engage in transparent dialogue with the community before voting against the project.

As stewards of our environment, it is crucial to consider the impact of this project on both the human and wildlife populations in our community. Conducting comprehensive environmental impact assessments should be a priority to minimize the adverse effects of operational noise on the well-being of our local wildlife and preserve the natural soundscape of our community, **these assessments should be done before a decision on whether to proceed or reject the proposal.**

I appreciate your attention to this matter and kindly request an opportunity to discuss these concerns further, or for my letter and concerns to be read at the next council meeting on December 11th, 2023.

Thank you for considering my concerns, and I hope I can count on the council voting against this Proposed BESS Installation on Weedmark Road.

Sincerely,

Sarah Woodley, B. Eng

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Sun, 3 Dec 2023, 9:03 pm
Subject: Heartwood battery
Good evening.

I have just finished reading some information on this storage facility.
I encourage you to think carefully before you vote on this. Please make sure you are getting what you think you are getting. If it sounds too good to be true, it may well be.
I have been a member of Wolford Township for over 68 years and have a long history.
You are probably too young to have much or any memory of the last time Wolford was made such a similar proposal. It was about 35 years ago and we were offered a toxic waste storage site. To a small rural township with limited resources, it sounded good.
Thanks to many diligent people (many of whom are now dead) in the township, it was found to be not quite as presented. Much fundraising by many people finally allowed us to buy the company out of the community. The community group was called W.A.R.A. There must be a record of it somewhere.
My only request is that you are very mindful of what you are voting on and to do extensive background and environmental checks before you make any decisions.
Respectfully,
Eleanor Beelich 1117 Kilmarnock Road

Monday, December 4, 2023 10:47:34 AM
Subject: Heartwood Battery Energy Storage Project
Hello Mike,
We are strongly opposed to this project.
We have serious concerns regarding environmental and emergency response issues.
Don and Lois Driscoll

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Monday, December 4, 2023 5:32:58 PM
Subject: Weedmark Road Battery Storage
Hello Mayor and Council members:
I am against this battery storage facility.
It appears to me that batteries have a life span of under 10 years. When these batteries are done, they will most likely be passed onto the village of M-W for disposal. By then, it will be one mass of toxic waste.
At the M-W dump, there are skids of used electronics. These have been there for months awaiting 'recycling' - Still waiting.
John Philp 259 County Road 23 Merrickville.

iv

From: Michele Philp
Sent: Monday, December 4, 2023 5:14 PM
Subject: Opposed to the BESS Project
Hello:

v

This email to voice my opposition to the proposed BESS Project. The reasons are as follows:
Negative effects on our wildlife and community members living in the vicinity with increased lighting and noise.
Concerns about emergency situations from fires – is this putting our fire department in danger.
Threats to the quality of water in the vicinity is something would go wrong
Not enough time given to fully access this project
Poor communication from council as there has not been any paper put into my mailbox on this issue from the council
What is the recycling plan for the batteries when they are finished
Is this really necessary and have any alternatives been looked at
Our beautiful countryside needs to be protected. Please help to do this by voting no to this project.
Thank you for your time,
Michele Philp Wolford

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129 vi

December 04, 2023

To the Officers and Members of the Merrickville-Wolford Township Council:

I am writing as a concerned citizen about the proposed Heartwood BESS that is being proposed for a site on Weedmark Road in Merrickville-Wolford township. Ontario does currently generate a great deal of electricity although admittedly changes will have to be made as demands increase. On the surface, using Li BESS (Lithium Battery Energy Storage Sites) to store power is likely going to be at least a short-term solution as I am also aware the technology is still evolving.

Installations of 20MW or less seem manageable, and it would mean many towns and cities carry the responsibility and potential benefits. However, at a scale of over 300MW, I feel that the risk and the unknowns outweigh the benefits at this time. An installation of this size has not yet been built in Ontario – does this council truly want to be the one on whose back's others learn what to, and not to do? Small-scale Li BESS installations located in industrial areas across Ontario, assuming municipalities were able to take on and properly manage the costs and risks, would be a more viable way to build the technology and acceptance. Perhaps in 5 years from now, we will see 10MW Li BESS facilities in established industrial areas in communities like the one SaskPower is currently building in northeast Regina. With proper municipal planning and foresight, it is not unreasonable that Merrickville-Wolford may also have one themselves.

The speed at which this is proceeding, in an area that is known to have a very high-water table, in a combined rural and residential area is a concern when there are so many as yet unanswered questions. I ask that council proceed with thought, prudence, and the concerns and well-being of the constituents of this township in mind.

As such, I would like to ask the following questions of Council:

1) **Responsibilities** Has Council reached out to the ISEO, or read through the various IESO Request For Proposal documents to see what the responsibilities of the municipality will actually be? For example, when it comes to decommissioning sites, the ISEO states the following:

“The IESO does not publish standards or impose requirements for the physical decommissioning of the civil infrastructure of a Facility, nor set related compliance guidelines. The IESO would suggest that you discuss any applicable bylaws and/or regulations that may govern the siting and decommissioning of this facility with your local governing body (i.e., Municipality) or other Governmental Authorities with jurisdiction over environmental, construction and land use matters.”

How will Council plan for decommissioning and site restoration and other such responsibilities, should the Proponent experience financial difficulties towards the end of the project and their promises are not fulfilled?

2) **Income details/terms** Has Council been told anything about the type, amounts or terms of payments that the township might receive if municipal support is given? Will Council vote to oppose or approve the project prior to having this information?

3) **Income spending** If it is confirmed there will be annual payments (above and beyond taxation revenue), what does the township plan to use this revenue for? Is it for the benefit of all residents of the community?

4) **Fire & Emergency Services** How do you propose to budget increased fire and emergency services to the Merrickville-Wolford area? We've all learned that Lithium battery fires cannot be extinguished with suppressants or water, but water would be needed to cool other units. Can our small volunteer department manage this as is?

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Or would the funds the Proponent gives the township all go directly to the emergency services, meaning nothing extra for the township? Is the plan to use water from Cranberry Lake, and what will the results be if contaminated water is introduced surrounding aquifer?

5) **Light, Noise, Permits, Permissions** The Proponents have explained this project will create an increase in light and noise. How will light and noise be managed in the township going forward? Will other business owners take this as an opportunity to add increased lighting and noise that might benefit them, but not their neighbours? Can you say if this project will affect surrounding residents regarding building permits or what they can and can't do with their properties? Has there been research on the long-term effects on people, livestock, pets and wildlife? Merrickville area is known for its bird sanctuary and its concern about the environment. Does this project reflect those views?

6) **Taxation** Has Council done rough calculations with MPAC valuations for what the tax revenue for the site will be. Will you create a Li BESS tax rate? This could cover required emergency funds, decommissioning costs, etc. A Li BESS tax rate could also support costs towards environmental preventions, habitat, etc. The standard industrial taxation rate doesn't cover the township costs of a Li BESS installation this size.

7) **Location** What does the current Merrickville-Wolford municipal plan say about new industrial builds? Should they be in current industrial zoned areas, not rural areas, or will the Weedmark Road location permanently become an Industrial zone and residents can expect further development? Will approval of this site open the door to more industrial builds in our rural areas?

8) **Insurance** Can the municipality help ensure that insurance rates for Merrickville-Wolford residents are not negatively affected by this project? In a neighbouring township who has decided against proceeding with the proposed BESS, several insurance brokers and companies in the area were approached regarding impact on residential and commercial insurance in the area. Three were very concerned about increases, one didn't have any information, two more had some concerns and were going to get back to the resident who had voiced the concern.

9) **Exemptions** Is Council aware that this project, which is considered "public use" would be exempt from amendments to the Official Plan and Zoning By-law, and from site plan control? What is Council's plan to deal with this lack of control in a major project in the municipality? Is Council also aware that the project can be transferred at any time to another corporation?

I personally feel for Council to support a project without these fundamental details being clear would be irresponsible and premature. Some Proponents in other areas have pulled out of the Request for Proposal competition as they feel they cannot build a site to the quality and safety standards they feel are needed. They plan to take part in future intakes where they can move at a safer pace. Unless Council is well informed and very certain on how things will proceed, it would not make any sense to proceed at this time either.

A cautious 'no' right now, doesn't mean a 'no' forever. There will be other opportunities to take part in this technology.

Elizabeth Hanna
Merrickville-Wolford Resident.

12h

Darlene Plumley

From: Robyn Eagle <president@merrickvillechamber.ca>
Sent: Thursday, November 30, 2023 12:58 PM
To: Michael Cameron; Margaret Gural; Stephen Ireland; Ronnie Maitland; Anne Barr; Darlene Plumley
Cc: Yves Grandmaitre; Trevor Johnson; Kate Folk; Pam Watts
Subject: Chamber of Commerce Annual General Meeting - January 9th, 2024

Good afternoon all,

The Merrickville-Wolford & District Chamber of Commerce Board of Directors would be thrilled to have you attend our Annual General Meeting, which is scheduled on Tuesday, January 9th, 2024 at Maple and Rose.

There will be an informal meet and greet between 5 and 6pm with the formal part of the meeting beginning at 6pm.

It would be terrific if Mayor Cameron could provide a brief overview of what the Municipality has planned in the way of economic development for 2024 to share with the membership! I will allot 20 minutes at the beginning of the meeting. Please advise if you require more time.

Please RSVP prior to December 29th.

Looking forward to seeing you there!

Robyn Eagle

president@merrickvillechamber.ca |

Merrickville-Wolford & District Chamber of Commerce | www.merrickvillechamber.ca

PO Box 571, Merrickville ON K0G1N0



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Ontario
Provincial
Police

Police
provinciale
de l'Ontario



Municipal Policing Bureau
Bureau des services policiers des municipalités

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612-20

September 26, 2023

Dear Mayor/Reeve/CAO/Treasurer,

Please find attached the OPP municipal policing 2024 Annual Billing Statement package.

This year's billing package includes a statement for the 2022 year-end reconciliation. The final cost adjustment calculated as a result of the 2022 annual reconciliation has been included as an adjustment to the amount being billed to the municipality during the 2024 calendar year.

The most current OPPA uniform and civilian collective agreements expired on December 31, 2022. The estimated salary rates incorporated in the 2024 municipal policing annual statements are based on the 2022 rates, set in the last collective agreements, with a 2.01% overall general salary rate increase applied, representing a 1% general salary rate increase for each of calendar years 2023 and 2024. The reconciliation of both 2023 and 2024 costs will include a reconciliation of salary costs based on rates set in applicable collective agreement settlements.

The final reconciliation of the 2024 annual costs will be included in the 2026 Annual Billing Statement.

For more detailed information on the 2024 Annual Billing Statement package, please refer to the resource material available on opp.ca/billingmodel. Further, the Municipal Policing Bureau will be hosting a webinar information session in November. An email invitation will be forwarded to the municipality advising of the session date.

If you have questions about the Annual Billing Statement, please email OPP.MPB.Financial.Services.Unit@OPP.ca.

Yours truly,

Phil Whitton
Superintendent
Commander, Municipal Policing Bureau

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OPP 2024 Annual Billing Statement

Merrickville-Wolford V

Estimated costs for the period January 1 to December 31, 2024

Please refer to www.opp.ca for 2024 Municipal Policing Billing General Information summary for further details.

			<u>Cost per Property \$</u>	<u>Total Cost \$</u>
Base Service	Property Counts			
	Household	1,461		
	Commercial and Industrial	97		
	Total Properties	<u>1,558</u>	165.59	257,984
Calls for Service	(see summaries)			
	Total all municipalities	183,003,471		
	Municipal portion	0.0806%	94.67	147,498
Overtime	(see notes)		7.67	11,949
Prisoner Transportation	(per property cost)		1.12	1,745
Accommodation/Cleaning Services	(per property cost)		4.90	7,634
Total 2024 Estimated Cost			<u>273.95</u>	<u>426,810</u>
2022 Year-End Adjustment	(see summary)			1,973
Grand Total Billing for 2024				<u>428,783</u>
2024 Monthly Billing Amount				35,732

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OPP 2024 Annual Billing Statement

Merrickville-Wolford V

Estimated costs for the period January 1 to December 31, 2024

Notes to Annual Billing Statement

- 1) Municipal Base Services and Calls for Service Costs - The costs allocated to municipalities are determined based on the costs assigned to detachment staff performing municipal policing activities across the province. A statistical analysis of activity in detachments is used to determine the municipal policing workload allocation of all detachment-based staff as well as the allocation of the municipal workload between base services and calls for service activity. For 2024 billing purposes the allocation of the municipal workload in detachments has been calculated to be 50.4 % Base Services and 49.6 % Calls for Service. The total 2024 Base Services and Calls for Service cost calculation is detailed on the Base Services and Calls for Service Cost Summary included in the municipal billing package.
- 2) Base Services - The cost to each municipality is determined by the number of properties in the municipality and the standard province-wide average cost per property of \$165.59 estimated for 2024. The number of municipal properties is determined based on MPAC data. The calculation of the standard province-wide base cost per property is detailed on Base Services and Calls for Service Cost Summary included in the municipal billing package.
- 3) Calls for Service - The municipality's Calls for Service cost is a proportionate share of the total cost of municipal calls for service costs calculated for the province. A municipality's proportionate share of the costs is based on weighted time standards applied to the historical billable calls for service. The municipality's total weighted time is calculated as a percentage of the total of all municipalities.
- 4) Overtime - Municipalities are billed for overtime resulting from occurrences in their geographic area and a portion of overtime that is not linked specifically to a municipality, such as training. Municipalities are not charged for overtime identified as a provincial responsibility. The overtime activity for the calendar years 2019, 2020, 2021 and 2022 has been analyzed and averaged to estimate the 2024 costs. The costs incorporate the estimated 2024 salary rates and a discount to reflect overtime paid as time in lieu. The overtime costs incurred in servicing detachments for shift shortages have been allocated on a per property basis based on straight time. Please be advised that these costs will be reconciled to actual 2024 hours and salary rates and included in the 2026 Annual Billing Statement.
- 5) Court Security and Prisoner Transportation (CSPT) - Municipalities with court security responsibilities in local courthouses are billed court security costs based on the cost of the staff required to provide designated court security activities. Prisoner transportation costs are charged to all municipalities based on the standard province-wide per property cost. The 2024 costs have been estimated based on the 2022 activity levels. These costs will be reconciled to the actual cost of service required in 2024.

There was no information available about the status of 2024 Court Security Prisoner Transportation Grant Program at the time of the Annual Billing Statement preparation.
- 6) Year-end Adjustment - The 2022 adjustment accounts for the difference between the amount billed based on the estimated cost in the Annual Billing Statement and the reconciled cost in the Year-end Summary. The most significant year-end adjustments are resulting from the cost of actual versus estimated municipal requirements for overtime, contract enhancements and court security.

OPP 2024 Estimated Base Services and Calls for Service Cost Summary
Estimated Costs for the period January 1, 2024 to December 31, 2024

Salaries and Benefits	Positions		Base	S/FTE	Total Base Services and Calls for Service	Base Services	Calls for Service
	FTE	%			\$	\$	\$
Uniform Members	Note 1						
Inspector	26.21	100.0	170,155		4,459,769	4,459,769	-
Staff Sergeant-Detachment Commander	9.14	100.0	157,475		1,393,620	1,393,620	-
Staff Sergeant	36.76	100.0	142,419		5,235,312	5,235,312	-
Sergeant	222.37	50.4	117,275		28,302,242	14,275,214	14,027,027
Constable	1,613.61	50.4	109,173		174,548,615	88,038,548	86,510,067
Part-Time Constable	15.08	50.4	86,989		1,311,789	661,984	649,805
Total Uniform Salaries	1,923.17				215,251,347	114,064,447	101,186,900
Statutory Holiday Payout			5,132		9,792,492	5,122,546	4,669,947
Shift Premiums			1,130		2,091,727	1,055,028	1,036,699
Uniform Benefits - Inspector			26.47%		1,180,501	1,180,501	-
Uniform Benefits - Full-Time Salaries			32.04%		67,955,243	35,341,010	32,614,233
Uniform Benefits - Part-Time Salaries			15.71%		206,082	103,998	102,084
Total Uniform Salaries & Benefits					296,477,393	156,867,530	139,609,863
Detachment Civilian Members	Note 1						
Detachment Administrative Clerk	168.12	50.4	68,433		11,505,025	5,803,153	5,701,872
Detachment Operations Clerk	2.08	50.4	64,421		133,996	67,642	66,354
Detachment Clerk - Typist	1.06	50.4	56,545		59,938	29,969	29,969
Court Officer - Administration	25.63	50.4	69,234		1,789,843	902,952	886,891
Crimestoppers Co-ordinator	0.83	50.4	65,987		54,769	27,715	27,055
Cadet	0.68	50.4	46,454		31,588	15,794	15,794
Total Detachment Civilian Salaries	198.40				13,575,160	6,847,226	6,727,934
Civilian Benefits - Full-Time Salaries			33.98%		4,612,839	2,326,687	2,286,152
Total Detachment Civilian Salaries & Benefits					18,187,999	9,173,913	9,014,086
Support Costs - Salaries and Benefits							
Communication Operators			6,228		11,977,503	6,263,811	5,713,692
Prisoner Guards			1,996		3,838,647	2,007,477	1,831,170
Operational Support			6,080		11,692,874	6,114,960	5,577,914
RHQ Municipal Support			2,751		5,290,641	2,766,818	2,523,822
Telephone Support			141		271,167	141,811	129,356
Office Automation Support			375		1,682,774	880,031	802,743
Mobile and Portable Radio Support			282		546,587	285,768	260,819
Total Support Staff Salaries and Benefits Costs					35,300,192	18,460,676	16,839,516
Total Salaries & Benefits					349,965,584	184,502,118	165,463,465
Other Direct Operating Expenses	Note 2						
Communication Centre			355		298,091	155,891	142,200
Operational Support			1,018		1,957,787	1,023,854	933,934
RHQ Municipal Support			212		407,712	213,219	194,493
Telephone			1,582		3,042,455	1,591,097	1,451,358
Mobile Radio Equipment Repairs & Maintenance			147		284,923	148,964	135,959
Office Automation - Uniform			3,019		5,806,050	3,036,359	2,769,691
Office Automation - Civilian			1,154		228,954	115,088	113,865
Vehicle Usage			9,975		19,183,621	10,032,356	9,151,265
Detachment Supplies & Equipment			548		1,053,897	551,151	502,746
Uniform & Equipment			2,305		4,467,666	2,335,795	2,131,871
Uniform & Equipment - Court Officer			894		25,476	12,852	12,624
Total Other Direct Operating Expenses					36,756,632	19,216,628	17,540,006
Total 2024 Municipal Base Services and Calls for Service Cost					\$ 386,722,216	\$ 203,718,746	\$ 183,003,471

Total OPP-Policed Municipal Properties
Base Services Cost per Property

1,230,286
\$ 165.59

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OPP 2024 Estimated Base Services and Calls for Service Cost Summary

Estimated Costs for the period January 1, 2024 to December 31, 2024

Notes:

Total Base Services and Calls for Service Costs are based on the cost of salary, benefit, support and other direct operating expenses for staff providing policing services to municipalities. Staff is measured in full-time equivalent (FTE) units and the costs per FTE are described in the notes below.

- 1) Full-time equivalents (FTEs) are based on average municipal detachment staffing levels for the years 2019 through 2022. Contract enhancements, court security, prisoner transportation and cleaning staff are excluded.

The equivalent of 88.28 FTEs with a cost of \$15,971,805 has been excluded from municipal costs to reflect the average municipal detachment FTEs required for provincially-mandated responsibilities eligible for Provincial Service Usage credit.

Salary rates are based on weighted average rates for municipal detachment staff by rank, level, and classification. The 2024 salaries are estimated with an effective overall general salary rate increase of 2.01% applied to the 2022 rates in the 2019 to 2022 OPPA Uniform and Civilian Collective Agreements, updated agreement negotiations are underway. The rate increase represents a 1% overall general salary rate increases applied for the 2023 and 2024 calendar years. The 2023 and 2024 salary costs will be reconciled based on rates set in applicable collective agreement settlements. The benefit rates are estimated based on the most recent rates set by the Treasury Board Secretariat, (2023-24). Statutory Holiday Payouts, Shift Premiums, and Benefit costs are subject to reconciliation.

FTEs have been apportioned between Base Services and Calls for Service costs based on the current ratio, 50.4% Base Services : 49.6% Calls for Service.

- 2) Support Staff Costs and Other Direct Operating Expenses for uniform FTEs are calculated on a per FTE basis as per rates set in the 2023 Municipal Policing Cost-Recovery Formula.

OPP 2024 Calls for Service Billing Summary
Merrickville-Wolford V
 Estimated costs for the period January 1 to December 31, 2024

Calls for Service Billing Workgroups	Calls for Service Count					2024 Average Time Standard	Total Weighted Time	% of Total Provincial Weighted Time	2024 Estimated Calls for Service Cost
	2019	2020	2021	2022	Four Year Average				
	A					B	C = A * B		
	Note 1							Note 2	Note 3
Drug Possession	0	1	2	0	1	6.9	5	0.0003%	521
Drugs	0	1	0	0	0	80.6	20	0.0011%	2,028
Operational	120	141	153	116	133	3.8	504	0.0277%	50,686
Operational 2	127	81	40	30	57	1.5	86	0.0047%	8,607
Other Criminal Code Violations	11	7	6	9	8	7.3	60	0.0033%	6,063
Property Crime Violations	37	34	46	56	43	6.3	272	0.0150%	27,429
Statutes & Acts	12	22	28	17	20	3.5	69	0.0038%	6,959
Traffic	50	49	50	40	47	3.8	180	0.0099%	18,075
Violent Criminal Code	21	18	20	11	18	15.4	270	0.0148%	27,130
Municipal Totals	378	304	345	279	327		1,465	0.0806%	5147,488

Provincial Totals (Note 4)

Calls for Service Billing Workgroups	Calls for Service Count					2024 Average Time Standard	Total Weighted Time	% of Total Provincial Weighted Time	2024 Estimated Calls for Service Cost
	2019	2020	2021	2022	Four Year Average				
	A					B	C = A * B		
	Note 1							Note 2	Note 3
Drug Possession	2,613	2,790	2,966	2,473	2,711	6.9	18,702	1.0288%	1,882,731
Drugs	880	1,130	1,049	794	963	80.6	77,638	4.2708%	7,815,625
Operational	171,990	177,344	179,926	175,732	176,248	3.8	669,742	36.8416%	67,421,351
Operational 2	119,115	47,881	48,223	46,150	65,342	1.5	98,013	5.3916%	9,866,770
Other Criminal Code Violations	12,263	12,075	12,067	12,166	12,143	7.3	88,642	4.8761%	8,923,384
Property Crime Violations	52,344	46,517	47,206	48,643	48,678	6.3	306,668	16.8694%	30,871,552
Statutes & Acts	28,234	31,126	32,714	32,603	31,169	3.5	109,092	6.0010%	10,982,066
Traffic	38,738	32,001	34,658	38,679	36,019	3.8	136,872	7.5291%	13,778,594
Violent Criminal Code	20,497	19,283	19,967	21,429	20,294	15.4	312,528	17.1917%	31,461,399
Provincial Totals	446,674	370,147	378,776	378,669	383,567		1,817,899	100%	5183,003,471

Notes to Calls for Service Billing Summary

- 1) Displayed without decimal places, exact numbers used in calculations
- 2) Displayed to four decimal places, nine decimal places used in calculations
- 3) Total costs rounded to zero decimals
- 4) Provincial Totals exclude data for dissolutions and post-2020 municipal police force amalgamations.

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OPP 2024 Calls for Service Details
Merrickville-Wolford V
For the calendar years 2019 to 2022

Calls for Service Billing Workgroups	Calls for Service Count				Four Year Average
	2019	2020	2021	2022	
Grand Total	378	304	345	279	326.50
Drug Possession	0	1	2	0	0.75
Drug Related Occurrence	0	1	0	0	0.25
Possession - Methamphetamine (Crystal Meth)	0	0	1	0	0.25
Possession - Other Controlled Drugs and Substances Act	0	0	1	0	0.25
Drug	0	1	0	0	0.25
Drug Operation - Commercial Grow Indoor	0	1	0	0	0.25
Operational	120	143	153	135	132.50
Accident - non-MVC - Master Code	0	0	0	1	0.25
Alarm - Master Code	4	0	0	0	1.00
Animal - Bite	1	0	1	1	0.75
Animal - Dog Owners Liability Act	0	1	0	1	0.50
Animal - Injured	2	0	1	1	1.00
Animal - Left in Vehicle	1	1	0	1	0.75
Animal - Master Code	0	3	0	0	0.75
Animal - Other	4	2	1	0	1.75
Animal - Stray	3	2	1	3	2.25
Assist Fire Department	1	1	2	2	1.50
Assist Public	12	25	43	30	27.50
By-Law - Master Code	0	0	0	2	0.50
Distressed / Overdue Motorist	1	0	0	1	0.50
Dogs By-Law	0	1	1	0	0.50
Domestic Disturbance	16	13	14	17	15.00
Family Dispute	13	9	8	10	10.00
Fire - Building	1	3	1	4	2.25
Fire - Other	0	0	1	0	0.25
Fire - Vehicle	2	0	1	1	1.00
Found - Gun	0	0	1	0	0.25
Found - Household Property	1	0	0	0	0.25
Found - License Plate	1	0	0	0	0.25
Found - Personal Accessories	1	1	0	0	0.50
Found - Sporting Goods, Hobby Equip.	1	0	0	0	0.25
Found Property - Master Code	2	4	5	3	3.50
Insecure Condition - Building	3	0	0	0	0.75
Insecure Condition - Master Code	0	0	0	1	0.25
Lost - Gun	0	0	0	1	0.25
Lost - License Plate	0	1	1	1	0.75
Lost - Others	1	0	1	0	0.50
Lost - Personal Accessories	0	0	2	1	0.75
Lost - Vehicle Accessories	0	1	0	0	0.25
Lost Property - Master Code	2	1	1	0	1.00
Missing Person 12 & older	2	3	1	1	1.75
Missing Person Located 12 & older	0	0	1	2	0.75
Neighbour Dispute	7	30	16	10	15.75
Noise By-Law	0	0	1	0	0.25

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OPP 2024 Calls for Service Details
Merrickville-Wolford V
For the calendar years 2019 to 2022

Calls for Service Billing Workgroups	Calls for Service Count				Four Year Average
	2019	2020	2021	2022	
Noise Complaint - Animal	1	0	2	0	0.75
Noise Complaint - Master Code	0	3	4	3	2.50
Noise Complaint - Others	5	1	0	0	1.50
Noise Complaint - Residence	2	0	0	0	0.50
Noise Complaint - Vehicle	1	0	0	0	0.25
Other Municipal By-Laws	2	1	1	0	1.00
Phone - Nuisance - No Charges Laid	0	0	1	0	0.25
Phone - Obscene - No Charges Laid	0	0	1	0	0.25
Phone - Threatening - No Charges Laid	1	0	0	0	0.25
Sudden Death - Natural Causes	4	4	2	2	3.00
Sudden Death - Others	0	1	2	0	0.75
Sudden Death - Suicide	0	0	2	1	0.75
Suspicious Person	7	9	15	6	9.25
Suspicious vehicle	10	16	8	4	9.50
Text- related Incident (Texting)	1	0	0	0	0.25
Trouble with Youth	1	1	4	1	1.75
Unwanted Persons	2	3	3	4	3.00
Vehicle Recovered - Automobile	0	0	2	0	0.50
Vehicle Recovered - Farm Vehicles	1	0	0	0	0.25
Vehicle Recovered - Master Code	0	0	1	0	0.25
Operations 2	177	31	46	30	57.00
911 call - Dropped Cell	38	3	4	2	11.75
911 call / 911 hang up	41	9	8	5	15.75
911 hang up - Pocket Dial	7	0	0	0	1.75
False Alarm - Accidental Trip	2	0	0	0	0.50
False Alarm - Cancelled	5	0	0	0	1.25
False Alarm - Malfunction	8	0	0	0	2.00
False Alarm - Others	22	10	10	18	15.00
False Holdup Alarm - Accidental Trip	1	0	3	2	1.50
Keep the Peace	3	9	15	3	7.50
Other Criminal Code Violations	11	7	6	9	6.25
Animals - Others	0	1	0	0	0.25
Bail Violations - Fail To Comply	4	1	2	2	2.25
Bail Violations - Others	1	0	0	0	0.25
Breach of Probation	1	1	0	4	1.50
Child Pornography - Master Code	0	1	0	0	0.25
Child Pornography - Other	0	0	0	1	0.25
Disturb the Peace	3	0	2	2	1.75
Indecent acts - Other	0	0	1	0	0.25
Offensive Weapons - Careless use of firearms	1	0	0	0	0.25
Offensive Weapons - In Vehicle	0	0	1	0	0.25
Offensive Weapons - Other Weapons Offences	0	1	0	0	0.25
Offensive Weapons - Possession of Weapons	1	0	0	0	0.25
Trespass at Night	0	1	0	0	0.25
Utter Threats to Property / Animals	0	1	0	0	0.25

OPP 2024 Calls for Service Details
Merrickville-Wolford V
For the calendar years 2019 to 2022

Calls for Service Billing Workgroups	Calls for Service Count				Four Year Average
	2019	2020	2021	2022	
Property Crime Violations	17	14	46	36	43.25
Arson - Others	0	0	1	0	0.25
Break & Enter	8	3	4	12	6.75
Break & Enter - Firearms	1	0	0	0	0.25
Fraud - False Pretence Under \$5,000	0	0	2	0	0.50
Fraud - Forgery & Uttering	0	0	0	2	0.50
Fraud - Fraud through mails	0	0	1	0	0.25
Fraud - Master Code	0	1	1	4	1.50
Fraud - Money/property/security Over \$5,000	1	0	0	3	1.00
Fraud - Money/property/security Under \$5,000	2	3	1	4	2.50
Fraud - Other	7	2	1	2	3.00
Fraud - Steal/Forge/Poss./Use Credit Card	0	0	0	1	0.25
Fraud - Transportation	0	0	0	1	0.25
Identity Fraud	1	1	2	2	1.50
Interfere with lawful use, enjoyment of property	1	1	2	1	1.25
Mischief	7	7	8	8	7.50
Personation with Intent (fraud)	0	1	7	3	2.75
Property Damage	1	0	2	2	1.25
Theft from Motor Vehicles Under \$5,000	1	1	3	3	2.00
Theft of - Mail	0	0	3	0	0.75
Theft of - Other Motor Vehicles	0	1	0	0	0.25
Theft of Motor Vehicle	0	3	0	0	0.75
Theft Over \$5,000 - Other Theft	0	0	1	1	0.50
Theft Under \$5,000 - Bicycles	0	0	0	1	0.25
Theft Under \$5,000 - Construction Site	0	1	0	1	0.50
Theft Under \$5,000 - Master Code	1	1	2	0	1.00
Theft Under \$5,000 - Mine Equipment/Property	0	0	1	0	0.25
Theft Under \$5,000 - Other Theft	6	8	2	4	5.00
Theft Under \$5,000 - Trailers	0	0	2	0	0.50
Theft Under \$5,000 Shoplifting	0	0	0	1	0.25
Domestic & Acts	12	21	28	17	19.75
Custody Dispute	1	0	0	0	0.25
Landlord / Tenant	1	2	3	4	2.50
Mental Health Act	4	4	6	4	4.50
Mental Health Act - Apprehension	0	1	0	0	0.25
Mental Health Act - Attempt Suicide	2	0	0	0	0.50
Mental Health Act - No contact with Police	0	0	0	3	0.75
Mental Health Act - Placed on Form	1	0	1	0	0.50
Mental Health Act - Threat of Suicide	2	2	4	2	2.50
Mental Health Act - Voluntary Transport	0	1	2	0	0.75
Trespass To Property Act	1	12	12	4	7.25
Motor Vehicle Collisions	50	49	50	40	47.25
MVC - Others (Motor Vehicle Collision)	0	0	0	2	0.50
MVC - Personal Injury (Motor Vehicle Collision)	6	2	3	3	3.50
MVC - Prop. Dam. Failed to Remain (Motor Vehicle Collision)	5	2	5	3	3.75

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OPP 2024 Calls for Service Details
Merrickville-Wolford V
For the calendar years 2019 to 2022

Calls for Service Billing Workgroups	Calls for Service Count				Four Year Average
	2019	2020	2021	2022	
MVC - Prop. Dam. Non Reportable (Motor Vehicle Collision)	10	16	8	8	10.50
MVC - Prop. Dam. Reportable (Motor Vehicle Collision)	29	27	33	22	27.75
MVC (Motor Vehicle Collision) - Master Code	0	2	1	2	1.25
MVC - Criminal Code	21	18	20	11	17.50
Assault - Level 1	15	8	4	4	7.75
Assault With Weapon or Causing Bodily Harm - Level 2	1	0	3	0	1.00
Criminal Harassment	0	1	3	3	1.75
Criminal Harassment - Offender Unknown	0	1	0	0	0.25
Indecent / Harassing Communications	1	0	4	1	1.50
Sexual Assault	2	2	2	1	1.75
Sexual Interference	1	1	0	0	0.50
Utter Threats - Master Code	0	0	1	0	0.25
Utter Threats to Person	1	5	3	2	2.75

OPP 2022 Reconciled Year-End Summary
Merrickville-Wolford V
 Reconciled cost for the period January 1 to December 31, 2022

			<u>Cost per Property \$</u>	<u>Reconciled Cost \$</u>	<u>Estimated Cost \$</u>
Base Service	Property Counts				
	Household	1,422			
	Commercial and Industrial	98			
	Total Properties	<u>1,520</u>	172.74	262,569	261,549
Calls for Service					
	Total all municipalities	177,916,859			
	Municipal portion	0.0923%	108.03	164,206	163,273
Overtime			8.51	12,939	11,933
Prisoner Transportation	(per property cost)		1.08	1,642	2,599
Accommodation/Cleaning Services	(per property cost)		4.81	7,311	7,342
Total 2022 Costs			<u>295.18</u>	<u>448,666</u>	<u>446,695</u>
2022 Billed Amount				<u>446,693</u>	
2022 Year-End-Adjustment				<u>1,973</u>	

Notes

The Year-End Adjustment above is included as an adjustment on the 2024 Billing Statement.
 This amount is incorporated into the monthly invoice amount for 2024.
 The difference between the estimated and billed amount is due to rounding the bills to the nearest dollar throughout the year.

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MERRICKVILLE DISTRICT
HISTORICAL SOCIETY

November 14, 2023

To:

Members of Village of Merrickville-Wolford Council
and

Village of Merrickville-Wolford's Merrickville Blockhouse Museum Municipal Services Board

The Merrickville and District Historical Society (MDHS) would like to thank members of Council for their passing of By-law 41-2023 on August 14, 2023 which established the Blockhouse Museum Municipal Services Board. MDHS believes this is a positive step towards the sustainable operation of the Merrickville Blockhouse Museum.

As the community organization which has operated the Blockhouse Museum for the last 56 years, MDHS understands the challenges associated with operating the Blockhouse Museum and would welcome the opportunity to work with the Blockhouse Museum Municipal Services Board (Blockhouse Museum Board) over the coming months to ensure a smooth transition toward the operation of the Blockhouse Museum for summer 2024 and beyond. The following are several issues that will require discussion and clarification in the near term:

1. Staff for summer 2024 (writing grants, hiring, training, supervision). The window for the Canada Summer Jobs and Young Canada Works grants application usually opens in late November/early December and will close by mid-January.
2. Liability for, and management of, artifacts and equipment currently located in the Blockhouse Museum. Approximately 95% of the artifacts located in the Blockhouse Museum are owned by MDHS (the remaining artifacts belong to Parks Canada). MDHS has no wish to remove these artifacts however would like to ensure that both the Society and the Blockhouse Museum Board have a clear understanding of how these artifacts and on-site MDHS equipment will be managed and what processes will be in place to account for unforeseen situations (eg damage, theft).

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3. Blockhouse Museum Board arrangements for MDHS to have access to the building for:
 - a. Spring cleaning and set-up of the museum (temperature and humidity sensitive artifacts and exhibits are removed from the Blockhouse and stored in MDHS' off-site storage facility during the winter months)
 - b. Tours of the museum outside of summer operating hours (eg. special tours in the shoulder seasons; evening tours for the Kawartha Voyageur, granting access for out-of-town researchers seeking access to MDHS' collections)
 - c. Care of the collections
4. Discussion with the Blockhouse Museum Board at its earliest convenience on funding opportunities for care of the MDHS collections. Blockhouse Museum operations moving to the Municipality from MDHS programming will have impact on both revenues and expenses for future years, and particularly during the transition in 2024.
5. MDHS understands that the Village of Merrickville-Wolford is currently undertaking an HR Review to assess the needs of the Municipality. Though it is MDHS' understanding that the Blockhouse Museum Board will, in time, seek to have dedicated staff, it would be well-served by having its needs acknowledged as part of the current HR review.

In summary, MDHS looks forward to meeting with the Blockhouse Museum Municipal Services Board at its earliest convenience to plan for this important transition and operations for the summer of 2024 and the coming years.

Sincerely,

Jane Graham
President, MDHS
pres@merrickvillehistory.org

View this email in your browser



2024 Communities in Bloom Ontario Provincial Edition Invitation

Honourable Mayor and Council,

Communities in Bloom is a non-profit organization committed to fostering civic pride, environmental responsibility and community beautification across Canada through friendly challenge and competition.

The Communities in Bloom program invites citizens of all ages, municipal governments, local organizations, not for profits and businesses alike to take part in a challenge to make their municipality more beautiful and green through the imaginative use of flowers, plants and trees. Projects can come to life in parks, neighbourhoods and open spaces, and are evaluated by Communities in Bloom judges on factors including environmental stewardship and the preservation of heritage and cultural landmarks. This year, we are also encouraging communities to incorporate our colour of the year, orange, into their projects as a way of honouring our Indigenous communities.

We invite your community to take part in the 2024 program. It's truly a wonderful way to foster community pride, and enjoy the benefits of more beautiful municipalities — as well as help mitigate and adapt to the impacts of climate change through the enhancement of green spaces.

In recent years, we've seen a significant shift in what people want and need in terms of public outdoor spaces. Taking part in the Communities in Bloom challenge is a concrete way to foster civic pride, help the environment and strengthen neighbourhoods, while increasing investment opportunities and boosting tourism for municipalities.

Here's how it works:

1. Communities register to participate online in one of two categories — either Population Category (community is evaluated and entered into the competition) or Friends Category (community is not evaluated for competition but becomes part of the Communities in Bloom Network).
2. Communities work together to create their vision and bring it to life.
3. For those entered in the Population Category, judges will evaluate your community in July or August 2024.
4. Communities receive their evaluations scores in the fall at a provincial symposium, and communities receiving a 5 Bloom rating will be invited to the CIB National competition.

The cost for entry, which covers the cost of administration and project evaluation, is \$400-\$1,000 (depending on population) or \$250 for the Friends category. For more information, please refer to the [Communities in Bloom Ontario website](#) or the [How to Participate Guide](#).

All participating communities will receive valuable feedback from the judges and a template for continuous improvement. Your community will also be invited to submit for special achievement awards and to apply for grants offered by our sponsors and partners.

Participating in the program has proven, positive benefits that can impact all sectors of your municipality. Taking part in Communities in Bloom encourages and enhances community involvement, helps improve green infrastructure and promotes environmental sustainability.

We believe taking part in Communities in Bloom is one of the best investments you can make in your hometown, but don't just take it from us! Check out the video below to learn how mayors, community leaders and partners have seen direct benefits from participating in Communities in Bloom.



Please don't hesitate to reach out if you have any additional questions using the contact info below. We look forward to seeing your community in bloom — and working together to create a greener, healthier and more beautiful Ontario.

Martin Quinn, Chair
 CiB Ontario
 Phone: (519) 441-3499
 email: info@cibontario.ca

website: <https://cibontario.ca/>



With more than 3,300 professional members, Landscape Ontario is the province's premier horticultural trades association. Our mission is to be the leader in representing, promoting and fostering a favourable climate for the advancement of the horticulture industry in Ontario.

Landscape Ontario Horticultural Trades Association
7856 Fifth Line South, Milton, ON L9T 2X8 Canada
1-800-265-5656 or 905-875-1805

[Unsubscribe](#)

Heartwood Battery Energy Storage Project ("Heartwood BESS" or "Project")

Summary of Minutes of Public Community Meeting

Proponent:	Heartwood BESS Limited Partnership
Date:	November 6, 2023
Time:	5:00 PM to 8:00 PM
Location:	Centennial Hall 43 Park Street, Jasper, ON
Number of Attendees:	Number of Attendees Who Signed In: 43 Total Estimated Attendees: 60
Proponent Attendees:	<ul style="list-style-type: none">• Will Patterson, Senior Manager, Development (Project Manager for the Project)• Juliana Velez, Junior Manager, Development• Frank Kuznik, Director, Business Development• Sarah Palmer, Senior Manager, Environment & Community Consultation• Doug Mcintosh, Vice President, Operations• Lucas Porter, Environment and Community Consultation
Meeting Procedures:	<ul style="list-style-type: none">• Attendees were welcomed into the meeting at the sign-in table, where they consented to provide their contact information and join the information distribution list.• Storyboards were used at the meeting to engage with the attendees and provided information on the following:<ul style="list-style-type: none">○ Welcome board with description of the public community engagement activity and opportunity to ask questions, get answers, and provide feedback.○ Proponent legal name and contact information.○ The Project team, contact information, and website.○ Overview of the Project (including the name, nameplate capacity and technology type)○ Scaled Map of the Project Area (including boundaries of the Project Site, location of the Connection Point, and Connection Line).○ Summary of community benefits.○ Rationale for the Project's location.

- Independent Electricity System Operators (IESO) Long-Term Requests for Proposal (LT1 RFP) Energy Storage facts.
 - Preliminary Project schedule.
 - Class Environmental Assessment processes and timeline.
 - Explanation of the Class Environmental Assessment for Minor Transmission (Class EA).
 - Summary of the Evaluation Criteria for a Class EA.
 - Overview of Potentia Renewable's Energy Portfolio.
-
- Project team members circulated around the open forum meeting room to explain the storyboards, answer questions, and record feedback or questions from the attendees. The meeting room was an open setting where attendees could hear questions asked by others as well as the responses from the Project team.
 - Team members were available to engage with the attendees from the beginning of the meeting until the end. Comments, questions, and feedback received from the attendees were recorded on consultation record forms and then documented in the Project's consultation log. If an attendee's inquiry could not be addressed at the meeting, team members obtained their contact information to follow up after the meeting.
 - Attendees were also given the opportunity to provide feedback and ask questions by filling out feedback forms, which were either collected as the attendees left the meeting or could be emailed or mailed-in to the Project team after the meeting.

Heartwood Battery Energy Storage Project
 November 6, 2023, Summary of Public Community Meeting Minutes

Q&A	
Question	Response
<p>Battery Technology</p> <p>How many cells are in the modules, how many modules are in a rack and how many racks are in a container? How much volume of electrolyte is in each battery cell?</p>	<p>The exact composition of the BESS will depend on the battery supplier selected for submission. Right now, we are in the process of selecting our preferred supplier. This is a competitive PRI needs to be cautious of commercially sensitive information. Equipment suppliers have multiple battery DC blocks that can suit their system, the final batteries cells are selected after contract award and depend on number of factors including supply chain availability at the time. We intend to finalize a battery supply agreement after we have been awarded a contract, we will let the community know once a contract is finalized.</p> <p>Generally, there is less than 100g of free electrolyte in one battery cell, the amount varies based on cell supplier.</p> <p>Post Meeting Note: There are generally around 4,000 individual battery cells within a 20' energy storage container.</p>
<p>Why do we need this Project? How does the power get stored and distributed?</p>	<p>The Independent Electricity System Operator (IESO) has identified a capacity need emerging the late 2020s due to growing electrical needs and the retirement of the 3,100 MW Pickering Nuclear Station in 2026.</p> <p>During periods of low electricity demand (typically this will be overnight), electricity from the existing transmission lines is used to charge the batteries. When demand for electricity is high (known as peak demand) energy is taken from the batteries and put back on the grid.</p>
<p>How are the batteries kept cool?</p>	<p>The batteries will be kept cool by a HVAC system that will operate as needed to maintain a consistent temperature. The batteries may also be cooled by a closed loop liquid system. This will depend on the battery supplier selected.</p>
Noise	
<p>How much noise will be generated by the Project? Will there be a constant low-level noise coming from the site? And do you anticipate any impact to the animals close to the Project.</p>	<p>The noise comes from the heating and cooling system used to control the temperature with the battery containers. The noise from air-cooled HVAC containers noise is from fans while the electric chiller in liquid-cooled systems generate noise.</p>

Question	Response
	<p>In our noise studies, we consider the receptors located around the Project to confirm that noise levels would be less than 40dBA at a receptor. We also consider vacant lot receptors (VLR), which are placed on vacant lots surrounding the Project that are permitted to have a house in the future. We will work with a noise expert to determine the location of the VLRS, model the noise for all receptors, and determine the mitigation, if any, that the Project would need to implement to limit noise to less than 40dBA at the identified receptors.</p>
<p>Stormwater Management How will water runoff from the Project affect local watersheds? Is there a plan in place for site flooding from the effects of extreme weather events or activities from the nearby creek?</p>	<p>Environmental Process & Stormwater We are not at the point of the Project where environmental surveys and investigations have begun. If we are awarded a contract through the RFP, we will complete environmental surveys and will present the information from these surveys to the community.</p>
<p>What are the effects of storm water and drainage to the site? Will it flood or pose a risk to groundwater? How will this affect the surrounding water, specifically Cranberry Lake?</p>	<p>Stormwater management is regulated by the Ministry of the Environment, Conservation and Parks (MECP) and the Project will require an Environmental Compliance Approval prior to construction. A technical specialist will model the current local water flow, the stormwater flood event, and peak flow of the area. The Project will be designed to meet the provincial and local requirements for managing stormwater flow and confirm that the Project will not flood the area. If the modelling shows that the stormwater exceeds the ability of the local land to store water, a pond may be required to ensure stormwater flows and drainage is properly managed..</p> <p>An Environmental Protection Plan (EPP) will be developed for the site, which will be based on local and provincial laws/bylaws, permit requirements, and expected construction or operations activities. The EPP outlines the requirements and mitigation for project activities such as soil management and erosion and sediment control. The EPP also addresses emergency and spills response protocols as well as identifying third parties that would be brought to site if required.</p> <p>We will also consult with the MECP and Conservation Authorities to make sure we are abiding by the requirements. It's important to note that the Ministry would also be involved in</p>

Question	Response
	<p>permitting for the Project, which would require air, stormwater management, and noise assessment.</p> <p>For additional information on mitigation measures and risks of electrolyte contamination, please see the fire response question starting at the bottom of Page 9.</p>
<p>Environmental Concerns</p>	
<p>A resident noted that there were species at risk in the area. How will they be protected?</p>	<p>We will complete a Class Environmental Assessment for Minor Transmission Facilities. This generally includes assessment of plants, animals, birds, and fish in the area. The results will be shared in a follow up public meeting and the reports will be published for comment. We will also consult with the Ministry of Natural Resources and Forestry and the Conservation Authority to make sure we are abiding by the requirements.</p> <p>A Class Environmental Assessment for Minor Transmission requires assessment of the following:</p> <ul style="list-style-type: none"> • Agricultural resources • Forestry resources • Cultural Heritage resources (i.e., built heritage resources, cultural heritage landscapes and archaeological resources) • Human settlements • Mineral resources • Natural environment resources (e.g., air, land, water, wildlife, etc.) • Recreational resources • Visual and aesthetic resources (i.e., appearance of the landscape) <p>We will complete a species at risk (SAR) assessment with a 3rd party environmental consultant for the property prior to the construction of the Project. We will follow their recommendations for mitigation if SAR are identified in the Project area.</p>

Heartwood Battery Energy Storage Project
 November 6, 2023, Summary of Public Community Meeting Minutes

Q&A

Project/Site Specific Questions	Response
<p>What will the lighting conditions be on site and what will be done to address light pollution?</p>	<p>The Project's lighting systems and layout have not yet been finalized. We are considering a few options including: motion activated lighting, down-shielded lights and simply turning lights-off at night if they are not needed.</p>
<p>Some attendees provided feedback and suggestions on how we can reduce the visual impact on the local landscape, such as by using vegetation barriers.</p>	<p>Generally, we've sought to strategically locate the Project to have significant setbacks from existing residences and roadways. We are at preliminary concept/design stage and are keen to hear if there are any specific viewpoints of concern right now. We would like to discuss visual mitigation options with the community - such as vegetation - as the Project design evolves.</p>
<p>Will there be an increase in traffic because of this Project?</p>	<p>During construction, there will be an increase in traffic on local roads as equipment and crews are transported to and from the site. This increase will be temporary and fluctuate throughout the construction phase. Once the Project is operational we only expect a couple of vehicles to access the site daily, so no notable increase in traffic in operations is expected.</p>
<p>What will be done to prevent the roads in the area from degrading from the heavy vehicle traffic in the area?</p>	<p>Before construction begins, we will work collaboratively with the Village of Merrickville-Wolford to assess and address any repairs to the roads that would be needed to accommodate the construction traffic.</p> <p>To maintain the condition of the roads, we plan to enter a Road Use Agreement with the village of Merrickville Wolford prior to construction. Road use Agreements typically require us to do the following:</p> <ul style="list-style-type: none"> • Identify key roads required for construction. • Review the roads with a member of the municipality and record their condition before construction. • Provide a financial security to ensure any potential damage caused to the roads is covered. • Review the roads with a member of the municipality and record their condition after construction. • Return the roads to, at a minimum pre-construction conditions. Once this is confirmed, full or partial security will be returned.

Fire Risk & Concerns

Q&A

Question

What happens if there is a fire? Will support (financial and training) be given to the fire department relating to fire suppression? If so, what kinds and levels of support?

Response

After speaking with battery fire experts and battery equipment providers, we generally expect to follow the below fire emergency response protocol in the event that smoke and heat are both detected within a battery enclosure. This protocol will be refined through the Project's site-specific Emergency Response Plan that is expected to be developed in collaboration with local fire authorities, independent battery fire experts, our operations team and our equipment provider.

Fire Response Protocol

- 1) Automatically Triggered: Operation of the batteries will be disabled, and the battery enclosure will be electrically isolated, sound and visual alarms will start, an aerosol-based fire suppression system will be deployed and alerts will be sent to the operator in charge and local fire authorities. Activate venting of the container will then commence.
- 2) Next Steps: Operator would dispatch someone to site, if not already onsite, and establish a 100-foot (~30m) safety radius around the container. Fire department would arrive onsite. Once onsite, the fire department would secure the surrounding area and monitor the site conditions. Fire fighters would stay outside of the Project fence unless someone's safety was at risk and/or in coordination with the operator. Battery enclosures are designed so that in the event of a fire, the fire will be suppressed and be contained within the enclosure. Note that compliance with the performance criteria outlined in the UL 9540A unit level testing demonstrates that the fire will be contained within the enclosure and not be hot enough to burn the wall of the container. After 12 hours of observation with no additional evidence of an ongoing event (heat, fire, or gassing), a trained fire fighter, wearing the appropriate PPE, would use a handheld gas monitoring device to check for gas leakage at all seals and vents on the container. If no gas is detected, trained fire fighters, wearing the appropriate PPE, would open the container doors but would not enter. After another hour of monitoring for no activity and additional gas testing, the container will generally be stable. Container would then be removed and responsibility disposed of offsite.

We will work with the local fire department throughout the development, construction and

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Q&A	
Question	Response
	operation of the Project. Note that what often happens during a thermal run-a-way event is that only a few modules are damaged instead of an entire battery container catching on fire.

O&A

Question

What fire mitigations strategies are in place?

Response

The Project will follow local and internationally recognized safety standards (i.e. UL 9540, NFPA 855, NFPA 68, NFPA 69) established to ensure storage systems are designed, constructed, and operated safely. For more information on these standards, please see the Commitment to Safety poster board and the 'Frequently Asked Question-Fire' available on our website from the Open House. This sheet includes information regarding the UL 9540 fire safety standard and the UL 9540A Test Method.

The BESS system will also have cell and module level sensors allowing for the quick identification and removal of potential defective cells these defects could potentially result in future thermal runaway within that cell. The battery cells used on the Project will be from reputable and bankable suppliers. The Project will be remotely monitored 24x7 to ensure it is operating as intended and we will have a local operations crew available to promptly address required maintenance.

Additionally, we will work with the local fire authorities, independent battery fire experts, and our equipment provider to prepare an emergency response plan for the Project that will be shared with emergency response personnel. Necessary training will take place so that the emergency personnel feel properly equipped in the unlikely event of a fire. Each battery container will also be equipped with a fire suppression system and will be placed on gravel. The Project will be compliant with local fire protection codes and requirements.

O&A

Question

Will there be toxic fumes produced in the event of a fire? Does plume modelling exist?

Response

As part of the design process, gas dispersion modelling will be completed by a 3rd party expert to demonstrate that gasses released during a fire do not present a safety risk to nearby residents. Our review of the results of these reports from similar BESS projects found that even very conservative gas dispersion modelling results presents a low risk to nearby residents of a similarly sized projects.

The project is over 750m+ setback to adjacent houses that are not owned by our landowner. This is significantly further than the modelling reviewed.

Post Meeting Note:

Our current designs include a 900m+ setback to adjacent houses that are not owned by our landowner.

Risk of Electrolyte Leak under Normal Operating Conditions:

In the event of a leak, the battery cell would operate irregularly and would trip the BMS alarm. This allows our operations team to swiftly identify the issue and act following our spill management plan/emergency response plan to clean-up and dispose of the leaked electrolyte. In the unlikely event of a leak the trace amount of electrolyte is expected to be contained within the BESS enclosure.

Post Meeting Note: Risk of Electrolyte Leak during a Fire Event

In following up with our preferred battery supplier, they provide the following regarding concerns with respect to the electrolytes in the batteries:

"The batteries themselves are sealed units, so unless they are ruptured, electrolytes can't escape. Additionally, there simply is not that much electrolyte in the entire battery container. What there is in all the batteries will easily fit in the bottom sealed metal area under the battery racks and will not spill out over the door edges. The doors are closed the vast majority of the time, providing even further prevention of escaped electrolytes. The final reason that leaked electrolyte is not a concern is that in the event of a fire or overheating condition, the electrolyte is frequently turned into a gas and broken down to its basic elements (most of the solution is water, so this then becomes oxygen and hydrogen). This breakdown of hydrogen is

Q&A

Question

Response

what causes cell phone batteries to become puffed up. Our batteries have a relief valve built into them that will vent the gas so that the battery case will not rupture (keeping the remaining electrolyte inside the battery). We then have fans that extract the hydrogen from the container so that it does not build up to dangerous levels.”

The door edges referenced above are 7” above the bottom of the container floor.

In addition, as part of UL 9540A performance testing, the battery container wall will be tested to ensure it is not ruptured or burned through in the event of thermal runaway. Our Fire Response Protocol, detailed in the fire response section above, does not require the use of water to be applied on a battery container that has a fire within it.

We have also reached out to two groundwater experts to help us better understand the sensitivities of the local area and what additional mitigation measures, if any, are warranted to ensure water quality is maintained. These discussions are ongoing and will culminate in environmental studies will be included in the Project’s Environmental Assessment. Their two initial thoughts indicated that (1) unless the soils are very permeable (e.g. like a clean sand), the groundwater flow would be slow and we would be able to easily delineate any contamination from the spill and (2) that in the unlikely event of a spill or fire, it is expected that any contaminated liquids from the site would be contained in the storm water management system, after which it would be removed with any contaminated soil and disposed of at a regulated facility.

During development of the Project we will consult with the local Conservation Authority and completed additional geotechnical and environmental studies to inform the Project’s Emergency Response Plan, Stormwater Management Plan and Environmental Assessment.

Based on the Ministry of the Environment, Conservation and Parks online Source Water Protection maps, the Project is located outside of significant groundwater recharge areas,

Heartwood Battery Energy Storage Project
 November 6, 2023, Summary of Public Community Meeting Minutes

Q&A	
Question	Response
Security	
What type of fence or wall will be used to separate the Project from the rest of the community? Will there be security cameras on site?	intake protection zones and outside of wellhead protection areas. The Project is located in a Highly Vulnerable Aquifer area that covers the vast majority of eastern Ontario. There will be an chain link fence with three rows of barbed wire surrounding the Project boundary – in compliance with the Canadian Electrical code - as well as security cameras.
Several nearby residents voiced concerns about the potential for the Project to negatively impact their property values.	We do not anticipate the Project will have a positive or negative impact on surrounding property value. The project will not produce smells, intrusive noise and is well setback (approx. 750m+) from the closest residence that isn't our landowner.
Community Benefits	
How will the Project generate revenue and long-term benefits for the community?	The increased property taxes on the property (which will be paid by Heartwood BESS Limited Partnership) will go into City coffers and can help pay for municipal services. There will be a community benefit fund, which will be contributed to each year of the LT1 Contract. This final fund amount is being determined but is expected to be tens of thousands and could be used to fund a variety of community improvements and benefits. The Project will also provide opportunities for local contractors and merchants during the construction and operations phases, benefiting the local economy.
Does the community get priority access to the energy?	The electricity stored at the Heartwood BESS site would be used and administered by the IESO to maintain grid reliability and meet the energy needs of all Ontarians.
How is the land rezoned and what does it mean for the property taxes that it's redesignated as industrial? How much more does the municipality get when the designation is switched?	Whether re-zoning is required will ultimately depend on the Municipality guidelines. That being said, the increase in the property tax would be covered by the Project and the extra tax generated would be used to fund municipal projects. We anticipate the increase to be millions over the course of the Project lifetime.

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Heartwood Battery Energy Storage Project
 November 6, 2023, Summary of Public Community Meeting Minutes

Q&A	
Question	Response
Will you be having future meetings? What format will they take and how will residents be notified?	<p>We will be holding an additional online meeting which will include a formal presentation and a facilitated group Question and Answer session. The meeting will take place on December 7th, 2023. For more information, please visit the Project website.</p> <p>If this Project is successful in its bid with the IESO, we will be holding future in person meetings to provide more details about the Project and solicit further feedback from residents. Those who provided their email or mailing address at the community meeting will be notified, along with adjacent landowners, and local residents.</p>
What kind of communication can we expect from you?	<p>We will continue to update the website throughout the bidding and construction process (if the bid is successful). Local residents, adjacent landowners, and those who have provided their contact information to us directly at an in-person meeting will be notified of future meetings by either mail or email.</p>
Project Lifespan and Decommissioning	
What is the expected lifespan of the Project? What is the decommissioning process?	<p>The Project will have a contract with the IESO until April 30, 2048 (~ 21 years) which aligns with the batteries' typical operational life of 20-25-years. Once the batteries are ready to be decommissioned, the equipment will be removed from the site and the site will be restored to its original farmable condition. Additionally, we provide our landowners with Decommissioning Security for all our projects to ensure the site is decommissioned and reclaimed.</p>
How is the amount of the decommissioning fund determined?	<p>A 3rd party will be engaged to determine the net cost to decommission and reclaim the facility. This is completed closer to the end of the Project's operational life and is how the Decommissioning Security value is determined.</p>
Follow Up Questions & Action Items	
<p>Attendees have filled out the feedback forms with their comments and/or questions, and the Project team will be providing responses via email after the meeting if a response is required. The answers to their questions will be included in the Project's question and answer log, which will be made available on the Project website: https://creeksidebess.ca/</p>	

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Q&A	
Question	Response
Conclusion	<p>It was communicated at the meeting that more information would be forthcoming to the local community, adjacent landowners, the local municipality, relevant federal and provincial agencies, and those on the Project mailing list via mail or email. Information on the upcoming meeting will also be made available on the Project website: https://creeksidebess.ca/</p> <p>The Project team indicated that the minutes and storyboards, and the question-and-answer log from the meeting will be uploaded to the Project website. For additional information on the Project or further inquiries, community members and interested parties can contact the Project team via email (info@creeksidebess.ca) or speak to the Project Manager via phone (Will Patterson: 236-808-5270).</p>

Frequently Asked Questions – BESS Fires

Fire – What is the fire risk?

Lithium-ion energy storage systems are safe and present a low fire risk. The risk of fires occurring with Lithium Iron Phosphate (LFP) technology proposed is significantly less than previous versions of lithium-ion technology such as Nichol Manganese Cobalt (NMC) batteries. Energy storage systems do have unique safety considerations, because they contain high levels of energy. The Project will follow local and internationally recognized safety standards established to ensure storage systems are designed, constructed and operated safely.

Are there any required setbacks from battery enclosures to residents?

We're not aware of any setback requirements for BESS projects however it's good practice to site BESS projects 100 feet (30.5m) away from buildings as this is the safety setback used in an event of a fire onsite.

What standards will we follow to ensure the battery is safe

- **UL 9540**

UL 9540 is an internationally recognized fire safety standard for energy storage systems. UL 9540 evaluates the compatibility and safety of the various components (e.g. power conversion system, battery system, etc.) integrated into a system to ensure safety is maintained across the system when various components are used together. The Project will be compliant with UL 9540.

- **UL 9540A Test Method**

The UL 9540A Test Method assesses the fire safety hazards associated within battery systems and is widely recognized by the relevant safety authorities. The test method requires testing on the battery cells, modules, unit level and installation level testing until performance requirements for fire safety are met. For example, the unit level test requires no flames beyond the outer dimension of the BESS, no explosion hazards exhibited by the product and limits temperature increases on adjacent walls. The batteries used for the project will meet the performance standards identified in UL 9540A providing confidence that in the rare event of a fire it will not spread past the container in which it started in.

In addition to compliance with the Canadian Electrical Code and evolving internationally recognized safety standards, the BESS system will have as cell and module level sensors, be separated from flammable materials, placed on gravel and will be remote monitored 24/7. The project team will work with local fire authorities and 3rd party fire experts to develop an emergency response plan.

Fire Response Procedures:

We will work with the local fire authorities, independent battery fire experts and our equipment provider to prepare an emergency response plan for the project that will be created and shared with emergency response personnel. Generally, if smoke and heat are detected in a battery enclosure the emergency response plan will generally follow these steps:

- 1) Automatically Triggered:
 - a. Operation of the batteries will be disabled, and the battery enclosure will be electrically isolated
 - b. Sound and visual alarms will start
 - c. An aerosol-based fire suppression system will be deployed
 - d. Alerts sent to the operator in charge and local fire authorities
 - e. Activate venting of the container

2) Next Steps:

- a. Operator would dispatch someone to site if not already onsite and establish a 100-foot (~30m) safety radius around the container. Note the project is setback 450m from a proposed house (not currently constructed) and 650m from the closest existing residence.
- b. Fire department would arrive onsite. Once onsite, the fire department would secure the surrounding area and monitor the site conditions. Firefighter would stay outside of the project fence unless human life was at risk and/or in coordinated with the operator.
- c. Enclosures are designed so that in an event of a fire within the BESS enclosure, the fire will be suppressed and be contained within the enclosure. Note that UL 9540A testing demonstrates that the fire will not be hot enough to burn the wall of the container.
- d. After 12 hours of observation with no additional evidence of an ongoing event (heat, fire, or gassing), a trained firefighter wearing the appropriate PPE should use a handheld gas monitoring device to check for gas leakage at all seals and vents on the container.
- e. If no gas is detected, trained fire fighters wearing the appropriate PPE can open the container doors but should not enter. Door should remain open depending on weather conditions.
- f. After another hour of monitoring no activity and additional gas testing, the response the container will generally be stable.
- g. Container would then be removed and responsibility disposed of offsite.

During a fire event gases are released right? What type of gases are they? Do they present risks to residents?

Yes, in the event of thermal runaway/fire gases will be released. The gases released from a lithium-ion battery fire are similar to the gases released when a fire involves plastics. The UL 9540A cell test provides detailed breakdowns on the gases released during a fire. We will complete gas dispersion modelling by 3rd party experts to prove that the gases released do not present a safety risk to nearby residents. This report will be shared with the public. Based on modelling reviewed to date we expect the project to present a low level of risk. Note there are significant setbacks (typically 500m+) from the proposed project to nearby residential uses.

Lithium-ion Technology (NMC vs LFP):

- Lithium Iron Phosphate (LFP) are less energy dense than Nichol Manganese Cobalt batteries but their chemistry is more stable.
- The vast majority of electrical cars contain NMC Batteries because of this.
- NMC batteries also contain Cobalt which may be sourced from areas of conflict. LFP batteries do not contain cobalt or nichol.
- NMC batteries produce oxygen when they go into thermal run-away leading to fires, LFP batteries do not.

Did you know: Electric vehicles with NMC batteries are approx. 10x less likely to catch fire compared to an internal combustion engine vehicle. LFP battery technology is even more stable.

Is thermal runaway possible:

Yes, albeit rare thermal runaway is possible on lithium-ion batteries. The project will complete UL 9540A testing which provides the necessary information to demonstrate how a fire if it occurred would be contained within the unit. The project will abide by local and international standards to ensure that the systems are designed, installed, and operated safely.

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