



Municipality of Mississippi Mills

COMMITTEE OF THE WHOLE AGENDA

Tuesday, December 5, 2023

IMMEDIATELY FOLLOWING COUNCIL

Hybrid

3131 Old Perth Road.

	Pages
A. CALL TO ORDER (immediately following Council)	
B. DISCLOSURE OF PECUNIARY INTEREST AND GENERAL NATURE THEREOF	
C. APPROVAL OF AGENDA Recommended Motion: THAT the agenda be approved as presented.	
D. APPROVAL OF MINUTES Recommended Motion: THAT the minutes dated November 21, 2023 be approved.	4 - 10
E. CONSENT REPORTS Recommended Motion: THAT the following consent reports and committee minutes be received.	
E.1 Heritage Minutes October 18, 2023	11 - 14
F. CONSULTANT PRESENTATIONS	
G. STAFF REPORTS	
<u>Development Services & Engineering</u>	
G.1 Request for a resolution for support from COMPASS Renewable Energy Consulting Inc. Recommended Motion: THAT Committee of the Whole recommend that Council pass a resolution in support for battery energy storage systems, with a condition that the proposed development be subject to all applicable Municipal and Provincial by-laws and standards as determined by the Municipality, including any applicable Public Meetings, Official Plan Amendment and Zoning By-law requirements.	15 - 31

G.2 Encroachment Agreement - 81 Union St N 32 - 35

Recommended Motion:

THAT Committee of the Whole recommend that Council approve the request for an encroachment agreement to rebuild the stairs and porch on the subject lands which are municipally known as 81 Union S. N., Almonte Ward, Municipality of Mississippi Mills, and authorize the Mayor and Clerk to sign the encroachment agreement.

Roads and Public Works

G.3 Wastewater Treatment Plant – Replacement of Turbo Blowers 36 - 59

Recommended Motion:

THAT Committee of the Whole recommend that Council authorize the replacement of the turbo blowers at the Wastewater Treatment Plant (WWTP) by the Ontario Clean Water Agency (OCWA) in the amount of \$527,313.00 plus HST;

AND THAT the works be funded from Water & Wastewater Reserves;

AND THAT staff continue to include \$100,000.00 to reserves for the remaining budget years until 2026 as planned so that the reserves remain at the forecasted levels as per the Long Term Financial Plan.

G.4 Riverfront Estates Phase 5 – Final Acceptance 60 - 63

Recommended Motion:

THAT Committee of the Whole recommend that Council authorize final acceptance for the finalized portion of plan of subdivision 27M-88 Riverfront Estates Phase 5, to be known as Phase 5, in accordance with Section 15 of the subdivision agreement with Houchaimi Holdings inc.;

AND THAT Committee of the Whole recommend that Council direct staff to prepare an assumption by-law for the roads and associated infrastructure works constructed with the development of the portion plan of subdivision 27M-88 to be known as Phase 5.

H. NOTICE OF MOTION

H.1 Councillor Holmes - Upper Perth Rd

Recommended Motion:

WHEREAS road upkeep and maintenance is a municipal responsibility;

AND WHEREAS potholes, cracks, and uneven surfaces can lead to accidents, posing a threat to individuals using the road;

AND WHEREAS fixing these issues, we can create a safer environment for everyone, reducing the risk of accidents and injuries;

AND WHEREAS the section of Upper Perth Road between Ramsay Concession 1 and Wolf Grove Road has been identified as needing repair;

THEREFORE, BE IT RESOLVED THAT if a year-end surplus is available in 2023, that \$42,000 be utilized to pulverize the above segment of road and place 2" of Granular A with Calcium for maintenance purposes.

I. QUARTERLY REPORTS

None

J. INFORMATION ITEMS

J.1 Correspondence

The following items are correspondence received by the Municipality, no action is required as this is for information purposes only.

- UCDSB Trustees Elect New Chair and Vice-Chair for 2023-2024
- PSFDH MRI Campaign

J.2 Mayor's Report

J.3 County Councillor's Report

64 - 69

a. Call for Participants - Traffic Advisory Working Group

70 - 75

Recommended Motion:

THAT the Lanark County Traffic Advisory Working Group Terms of Reference be accepted as information;

AND THAT the Committee of Whole recommend Council appoint _____ as the municipal Council representative of the Lanark County Traffic Advisory Working Group.

J.4 Mississippi Valley Conservation Authority Report

J.5 Lanark County Police Services Board

J.6 Library Board Report

J.7 Meeting Calendar

76 - 77

K. OTHER/NEW BUSINESS

L. ADJOURNMENT

Recommended Motion:

THAT the meeting be adjourned at X:XX p.m.



**The Municipality of Mississippi Mills
Committee of the Whole Meeting
MINUTES**

**November 21, 2023
Hybrid
3131 Old Perth Road.**

Committee Present: Mayor Lowry
Deputy Mayor Minnille
Councillor Ferguson
Councillor Holmes
Councillor Lowe
Councillor Souter
Councillor Torrance

Staff Present: Ken Kelly, CAO
Jeanne Harfield, Clerk
Casey Munro, Deputy Clerk
Kathy Davis, Director of Corporate Services
Cory Smith, Director of Public Works
Melanie Knight, Senior Planner

A. CALL TO ORDER (immediately following Council)

Councillor Holmes called the meeting to order at 7:30 p.m.

B. DISCLOSURE OF PECUNIARY INTEREST AND GENERAL NATURE THEREOF

None were declared

C. APPROVAL OF AGENDA

Resolution No CW255-23

Moved by Mayor Lowry

Seconded by Councillor Ferguson

THAT the agenda be approved as presented.

CARRIED

D. APPROVAL OF MINUTES

Resolution No CW256-23

Moved by Deputy Mayor Minnille

Seconded by Councillor Lowe

THAT the minutes dated November 7, 2023 be approved.

CARRIED

E. CONSENT REPORTS

Resolution No CW257-23

Moved by Councillor Souter

Seconded by Deputy Mayor Minnille

THAT the following consent reports and committee minutes be received.

CARRIED

E.1 Accessibility Advisory Committee - October 18, 2023

F. QUARTERLY REPORTS

STAFF DIRECTION - when including financial updates (compare to prior year as well)

STAFF DIRECTION - provide comparatives for registrations in recreation programs from year over year

F.1 Recreation Department Quarterly Report – Q4

F.2 Community & Economic Development Q4

G. CONSULTANT PRESENTATIONS

G.1 KPMG - Mississippi Mills Audit Findings Report

Lori Huber, KPMG, provided an overview of the 2022 Financial Statement and audit findings highlights include: financial position has improved year over year, trend analysis, surplus, operating expenses, financial statement presents fairly, and internal controls. Members posed questions including: what percentage is too high for salary, wages & benefits, reserves funds, audit schedule for 2023 financial statement, annual surplus, sharing

information with residents, putting information into plain language for public,

STAFF DIRECTION - move reserves from Pakenham and Ramsay to general

Resolution No CW258-23

Moved by Deputy Mayor Minnille

Seconded by Councillor Souter

THAT the Committee of the Whole receive the 2022 Mississippi Mills Audit Report Findings presented by Lori Huber from KPMG as information.

CARRIED

H. STAFF REPORTS

Corporate Services

H.1 2022 Audited Financial Statements

Resolution No CW259-23

Moved by Councillor Ferguson

Seconded by Mayor Lowry

THAT Committee of the Whole recommends that Council accept and approve the 2022 Audited Financial Statements for the Corporation of the Municipality of Mississippi Mills.

CARRIED

H.2 Development Charges By-Laws Effective 2024-01-01

Resolution No CW260-23

Moved by Councillor Souter

Seconded by Councillor Ferguson

THAT Committee of the Whole recommend that Council approve the Development Charges background study and suggested bylaws;

AND THAT Committee of the Whole recommend Council approve the capital project listing set out in chapter 5 of the DC Background Study dated October 5, 2023, subject to further annual review during the capital budget process;

AND THAT there are no further public meetings required.

CARRIED

Development Services & Engineering

H.3 D14-224-23 - 430 Ottawa Street - Lifting of a Holding Zone

Resolution No CW261-23

Moved by Councillor Lowe

Seconded by Councillor Ferguson

THAT Committee of the Whole recommend that Council approve the Zoning By-law Amendment to amend a portion of the zoning of the subject lands which are municipally known as RAMSAY CON 10 PT LOT 16 RP 27R-8445 PARTS 1 TO 4 9 TO 11, RP-27R-8990 PART 1, Almonte Ward, Municipality of Mississippi Mills, municipally known as 430 Ottawa Street from Highway Commercial holding zone (C4-4h) to Highway Commercial (C4-4) in order to permit a portion of the property to be redeveloped with a new free standing commercial building, similar in effect to the details in Attachment A.

CARRIED

Protective Services

H.4 Bylaw Service Increased Hours

Resolution No CW262-23

Moved by Councillor Torrance

Seconded by Mayor Lowry

THAT the Committee of the Whole recommend to Council to approve an increase to the Bylaw Enforcement contract hours of service to be purchased from 20hrs per week to 50hrs per week;

AND THAT the Mayor and Clerk be authorized in execute a contract for the provision of these services.

CARRIED

Roads & Public Works

H.5 Traffic Calming and Public Safety Review and Options

Resolution No CW263-23

Moved by Councillor Torrance

Seconded by Mayor Lowry

THAT Committee of the Whole refer the report back to staff;

AND THAT Committee of the Whole hold a special meeting to establish community safety and well being, traffic calming and pedestrian safety priorities.

CARRIED

I. NOTICE OF MOTION

I.1 Councillor Ferguson - OPA 28

Resolution No CW264-23

Moved by Councillor Ferguson

Seconded by Councillor Lowe

WHEREAS the national shortage of housing is having an impact in all areas of Mississippi Mills;

AND WHEREAS, Official Plan Amendment 28, Rural Villages and Rural Vitality will be reviewing the Rural and Agricultural policies of the Official Plan;

AND WHEREAS, the Official Plan permits the creation of rural, non-farm residential lots subject to a number of policies in the Rural designation;

AND WHEREAS, Additional Residential Units can make homeownership more viable, provide opportunities to support multi-generational farming operations and may also increasing local attainable rental stock;

THEREFORE, BE IT RESOLVED THAT Council direct staff to include the review of the rural, non-farm residential severance policies in the Rural designation and the policies related to Additional Residentials Units in the Rural and Agricultural designations as part of Official Plan Amendment 28.

CARRIED

J. INFORMATION ITEMS

J.1 Correspondence

STAFF DIRECTION: Share the three items of correspondence on social media

STAFF DIRECTION: Refer correspondence from Enbridge to staff to provide comment and report back to Council

J.2 Mayor's Report

Mayor Lowry announced that Councillor Holmes attended a networking call with the Leeds, Grenville and Lanark Health Unit. Councillor Holmes provided highlights from the call including: tool for older adult review.

J.3 County Councillor's Report

Deputy Mayor Minnille provided highlights from recent County Council meetings including: Climate Action Plan, FCM funding, warden nominations, ROMA delegation requests, and award of excellence.

J.4 Mississippi Valley Conservation Authority Report

None

J.5 Lanark County Police Services Board

Upcoming training and meetings relating to the new Police Service Board.

J.6 Library Board Report

J.6.a Christine Row, CEO Mississippi Mills Public Library, 2024 Library Budget

Christine Row, CEO Mississippi Mills Library, presented the 2024 Mississippi Mills Public Library Budget. Highlights include: overview, recent accomplishments, 3.6% increase, draft operating budget, succession planning, draft capital budget, organization chart restructuring.

Members then posed questions including: overall tax increase for library, technology capital, increase to municipal grant from 2023 to 2024 is 4.1%, and programming.

J.7 Meeting Calendar

K. OTHER/NEW BUSINESS

L. ADJOURNMENT

Resolution No CW265-23

Moved by Councillor Ferguson

Seconded by Councillor Torrance

THAT the meeting be adjourned at 9:25 p.m.

CARRIED

Jeanne Harfield, Clerk



The Corporation of the Municipality of Mississippi Mills

Heritage Advisory Committee Meeting

MINUTES

October 18, 2023

3:00 p.m.

E-participation

Committee Present: Michael Rikley-Lancaster
Jane Torrance
Janet Carlile
Jill McCubbin
Sandra Franks
Stephen Brathwaite

Committee Absent: Harold McKay

Staff Present: Melanie Knight, Senior Planner
Jennifer Russell, Building Clerk

A. CALL TO ORDER

Michael Rikley-Lancaster, Chair, called the meeting to order at 3:02 pm.

B. DISCLOSURE OF PECUNIARY INTEREST AND GENERAL NATURE THEREOF

None

C. APPROVAL OF AGENDA

Moved by Janet Carlile

Seconded by Jane Torrance

THAT the Agenda be approved as presented.

CARRIED

D. APPROVAL OF MINUTES

Moved by Jill McCubbin

Seconded by Janet Carlile

THAT the minutes dated June 21, 2023 be approved;

AND THAT the minutes dated August 16, 2023 be approved as amended to replace "timer-run mill" with "Timber Run" and replace "Stewart McClean" with "Stuart McLean".

CARRIED

E. DELEGATIONS AND PRESENTATIONS

None

F. REPORTS

None

G. BUSINESS ARISING OUT OF MINUTES

G.1 Heritage Permit Approval Process

Melanie Knight, Senior Planner, informed the Committee that no comments or revisions were received from the Committee members regarding the Heritage Permit Approval Process, and that the process will be launched at the beginning of 2024.

G.2 Crosswalks on Mill Street - Verbal Update

Councillor Torrance provided an update on the Mill St crosswalks. The Public Works Department is currently doing the traffic counts with a report going to Council and Heritage Committee for review.

Councillor Torrance also informed the Committee that the Economic and Cultural Department has included in the 2024 budget paint for the downtown street lamps and heritage light fixtures.

G.3 38 Main St., Almonte Dungarvon Building

Melanie Knight, Senior Planner, provided an update on 38 Main St, Dungarvon building.

The Committee discussed the following items:

- Changes to the exterior of heritage buildings require heritage approval, except when there is concern for public safety.
 - Concrete blocks that are currently at the corner of the Main St and Union St N are to maintain public safety.
- Now that the Municipality has received the owner's engineer's report there is liability for the municipality. As a result, the Chief Building Official has requested a second structural review on behalf of the Municipality. Once received, the Committee will be able to review the structural reports and provide feedback to staff.
- Committee to consider the longevity of our heritage buildings and how the Committee can help preserve and maintain these buildings while acknowledging that they are still private property and are the responsibly of property owners to maintain.

Sarah More to provide a list of potential non-municipal grants for heritage property owners.

Staff to reach out to the Heritage team at the City of Ottawa to request a presentation about their heritage program for the new year.

H. ROUND TABLE

Councillor Torrance - "Spinning Yarns, The Millworkers' Musical" will be presented on November 17th - 19th and 24th - 26th. This musical provides plenty of historical information about the millworkers and the history of the Almonte.

I. INFORMATION AND CORRESPONDENCE

None

J. OTHER / NEW BUSINESS

J.1 Heritage Budget 2024 - Verbal Update

Councillor Torrance and Melanie Knight, Senior Planner, provided a summary of the budget timeline. The next budget meeting is November 17th.

Committee and staff to review options to promote the heritage grants and heritage tax reimbursement programs for 2024.

K. MEETING ANNOUNCEMENTS

The next Heritage Committee meeting is scheduled for Wednesday November 15, 2023.

L. **ADJOURNMENT**

Moved by Jane Torrance

Seconded by Sandra Franks

THAT the meeting be adjourned at 3:49 pm.

CARRIED

Jennifer Russell, Recording
Secretary

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

STAFF REPORT

DATE: December 5, 2023
TO: Committee of the Whole
FROM: Melanie Knight, Acting Director of Development Services and Engineering
SUBJECT: Request for a resolution for support from COMPASS Renewable Energy Consulting Inc.

RECOMMENDATION:

THAT Committee of the Whole recommend that Council pass a resolution in support for battery energy storage systems, with a condition that the proposed development be subject to all applicable Municipal and Provincial by-laws and standards as determined by the Municipality, including any applicable Official Plan and Zoning By-law requirements.

BACKGROUND:

The Independent Electricity System Operator (IESO) is the crown corporation responsible for operating the electricity market and directing the operation of the bulk electrical system in Ontario. IESO has initiated several programs, including battery storage since 2014. Battery storage stores low-cost power during off-peak periods and feeds it back into the electricity grid during peak periods when the demand for electricity is the highest.

A staff report was provided on [January 17, 2023](#) Committee of the Whole meeting recommending that Committee of the Whole support the requested resolution by COMPASS. At that time, the property proposed for the establishment of the battery storage facility was 1442 Ramsay Concession 8.

COMPASS has recently approached the Municipality with a new location for the battery storage facility. The facility is no longer proposed at 1442 Ramsay Concession 8 and is now proposed at 6299 County Road 29. According to COMPASS, as part of their IESO approval, any relocation needs to be within 2 km of the original site.

DESCRIPTION OF PROPERTY:

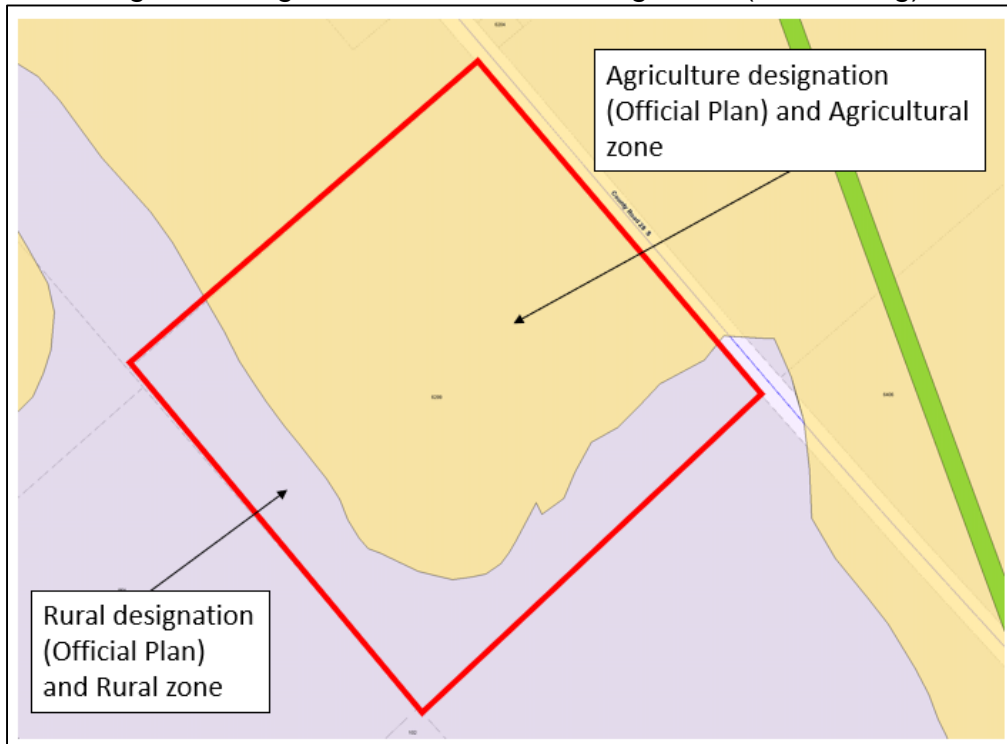
The property is in Ramsay Ward, approximately 1.2 km from the original site. Figure 1 illustrates the location of the new site. The property is split designated Agricultural and Rural in the Community Official Plan and zone Agricultural and Rural in the Zoning By-law. COMPASS has proposed that the battery storage facility be located on the area of

the property which is designated and zoned Rural. As part of Official Plan Amendment 29 (LEAR) the property is proposed to be entirely designated Agriculture (removal of the Rural designation). Figure 2 illustrates the designation and zoning of the site.

Figure 1 – Aerial image of the subject property



Figure 2 – Agricultural and Rural designation (and zoning)



DISCUSSION:

As previously mentioned, the Official Plan designation is Agriculture and Rural, in the Community Official Plan. The Agriculture designation identifies lands that are considered Prime Agricultural land from a Provincial Policy Statement (PPS) perspective, which generally should be preserved for agricultural use or agricultural-related uses. The Rural designation is reflective of (generally) lower soil quality than land within the Agriculture designation and the policies permit more diverse land uses.

As noted in the staff report of [January 17, 2023](#), if Council support was provided, staff recommended that this support be contingent on adherence to the Municipality's by-laws as well as the Official Plan policies and Zoning By-law provisions. Since January 17, 2023, Planning staff have had an opportunity to analyze the Official Plan policies, Zoning By-law and have also reviewed other municipalities' approach to these types of requests. Planning staff are of the opinion, that in absence of specific Official Plan policies permitting this new type of "utility" that battery storage could be permitted within the Rural designation by way of a site-specific Zoning By-law Amendment. This opinion is with respect to the current Official Plan designation on the property at the time of writing this report. Staff acknowledge that Official Plan Amendment 29 (LEAR) was passed by Council; however, has yet to come into effect as the County has not yet approved Official Plan Amendment 29. As a result, staff's opinion on the required Zoning By-law Amendment is with the caveat that a Zoning By-law Amendment application is made for the battery storage facility located within the Rural designation (and zone) of the property, prior to Official Plan Amendment 29 (LEAR) coming into full force and effect.

It is important to note that Planning Staff are also of the opinion, where any future battery storage is proposed within the Agricultural designation, in addition to a Zoning By-law Amendment, an Official Plan Amendment would also be required to address the Agricultural policy requirements of the Official Plan and provide satisfactory justification that it was consistent with the Provincial Policy Statement (PPS).

For the subject property before Committee, the battery storage facility is proposed to be within the Rural designation of the Official Plan and Rural zone. As a result, staff require an approved Zoning By-law Amendment and subsequent Site Plan Control approval for development to proceed.

OPTIONS:

Three options have been developed and evaluated:

Option 1: Decline the request.

Option 2: Endorse the request.

PUBLIC ENGAGEMENT

COMPASS has advised the Municipality that a public meeting will be held on November 30, 2023. The notice is contained in Attachment C.

SUMMARY:

As noted in the report, COMPASS has requested a new resolution from Council for a new site for the proposed battery storage facility. Staff have no objections to the request subject to the conditions contained in the Recommendation Section of the report are implemented.

Respectfully submitted by,



Melanie Knight, MCIP RPP
A/Director of Development Services
and Engineering

Reviewed by:



Ken Kelly
Chief Administrative Officer

ATTACHMENTS:

1. Attachment A: Almonte BESS Evidence of Municipal Support
2. Attachment B: Almonte BESS 2 Draft Resolution
3. Attachment C: COMPASS Notice of Meeting

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: < Enter Unique Project ID >	LT1-028-8-1
b.	Name of the Long-Term Reliability Project: < Enter name of the Long-Term Reliability Project >	Almonte BESS 2
c.	Legal name of the Proponent: < Enter legal name of the Proponent >	Almonte BESS Limited Partnership
d.	Property Identification Number (PIN), or if PIN is not available, municipal address or legal description of Properties included in the Municipal Lands < insert PIN(s) (if a PIN is not available, use Municipal Address or legal description) or Grid Cell(s), if applicable >	05108-0143
e.	List of all Local Municipalities with authority over the Municipal Lands: < insert name of the Local Municipality >	Local Municipality 1: Mississippi Mills, Municipality of 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:	☉ A Municipal Support Resolution dated no earlier than February 17, 2023
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		<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>

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: Almonte BESS Limited Partnership

Per: _____

Print Name: **Jonathan Cheszes**

Print Title: Director of the General Partner, 2514118 Ontario Inc.
(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:	LT1-028-8-1
Name of the Long-Term Reliability Project:	Almonte BESS 2
Legal Name of Proponent:	Almonte BESS Limited Partnership
Technology of the Long-Term Reliability Project:	Battery Energy Storage System (BESS)
Maximum Contract Capacity of the Long-Term Reliability Project (in MW):	9.5
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:	05108-0143

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 _____, 2023

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

EXHIBIT B
MUNICIPAL SUPPORT CONFIRMATION

Note: Attach the Municipal Support Confirmation.

**CORPORATION OF THE
MUNICIPALITY OF MISSISSIPPI MILLS**

Resolution # **[INSERT RESOLUTION NUMBER]**

Date: **[INSERT DATE]**

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:	LT1-028-8-1
Name of the Long-Term Reliability Project:	Almonte BESS 2
Legal Name of Proponent:	Almonte BESS Limited Partnership
Technology of the Long-Term Reliability Project:	Battery Energy Storage System (BESS)
Maximum Contract Capacity of the Long-Term Reliability Project (in MW):	Up to 9.5
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:	05108-0143

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 the Municipality of Mississippi Mills 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 November, 2023.

[Signature lines for elected
representatives.]

At least one signature is required.

Melanie Knight
Acting Director of Development Services & Engineering
Municipality of Mississippi Mills

November 8, 2023

RE: Notice of Public Community Meeting for Almonte BESS 2

To whom it may concern,

In response to Ontario’s Independent Electricity System Operator (“IESO”) Long-Term 1 Capacity Procurement, Almonte BESS Limited Partnership is proposing to develop Almonte BESS 2, a lithium-ion Battery Energy Storage System (BESS) located at 6299 County Rd 29, Town of Mississippi Mills, ON K0A 1A0, with a potential capacity of up to 10 Mega-Watt (MW), providing much needed electricity system reliability to Ontario.

Almonte BESS Limited Partnership was created by Compass Renewable Energy Consulting Inc. for the purpose of developing this project and is supported by Wahgoshig Solar FIT5 LP, a Qualified Applicant for the IESO’s Long-Term procurements. More details on the IESO’s Long-Term procurements are available online at: <https://www.ieso.ca/en/Sector-Participants/Resource-Acquisition-and-Contracts/Long-Term-RFP-and-Expedited-Process>

It is important to us that the Almonte BESS 2 Project be successfully integrated and benefit the local community of the Municipality of Mississippi Mills. To accomplish this, we are seeking your feedback and engaging local Landowners, Municipalities, and Indigenous communities and would like to invite you to a Public Community Meeting to discuss the proposed Project and how it would benefit your community and help fulfill Ontario’s future power needs:

Public Community Meeting for Almonte BESS 2

Meeting Date: November 30, 2023

Meeting Time: 4:00 to 8:00 PM

Meeting Venue: Almonte Civitan Club - Main Hall

500 Almonte St, Almonte, ON K0A 1A0

The Public Community Meeting will follow an open-house format, where community members will receive information about the Project and our Companies and be able to ask questions and provide feedback for the proposed Project. The presenting team will be available on the floor to guide and interact with community members while addressing audience questions and feedback.

For greater public access, a Project Website has also been created at <http://www.almonteenergystorage2.com>. You can find this Notice, along with the Project's Community and Indigenous Engagement Plan, FAQ, and all other updates on the proposed Project posted on the Project Website. Meeting minutes from the public community meeting will also be available on the Project Website following the meeting.

If you are unable to attend the meeting, you may reach out to us at info@almonteenergystorage2.com to provide feedback and ask questions regarding the proposed Project.

We look forward to hosting you at our inaugural Public Community Meeting.

Sincerely,

Almonte BESS Limited Partnership

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

STAFF REPORT

MEETING DATE: December 5, 2023

TO: Committee of the Whole

FROM: Melanie Knight, Senior Planner

SUBJECT: **Request for Encroachment Agreement
Lot 190 and Part of Lot 110, Plan 6262
Almonte Ward, Municipality of Mississippi Mills
Municipally Known as 81 Union St N**

OWNER: Adam Cholewa and Zoey Patricia Arbour

RECOMMENDATION:

THAT Committee of the Whole recommend that Council approve the request for an encroachment agreement to rebuild the stairs and porch on the subject lands which are municipally known as 81 Union S. N., Almonte Ward, Municipality of Mississippi Mills, and authorize the Mayor and Clerk to sign the encroachment agreement.

BACKGROUND:

The Owners are requesting permission for a 1.26 m porch stair encroachment within the municipal right of way on Union Street North. The Owners submitted a building permit application (A23-1184) for the above noted property. As part of the zoning review of the building permit application, it was identified that the existing stairs and a portion of the existing porch encroaches into the municipal right-of-way.

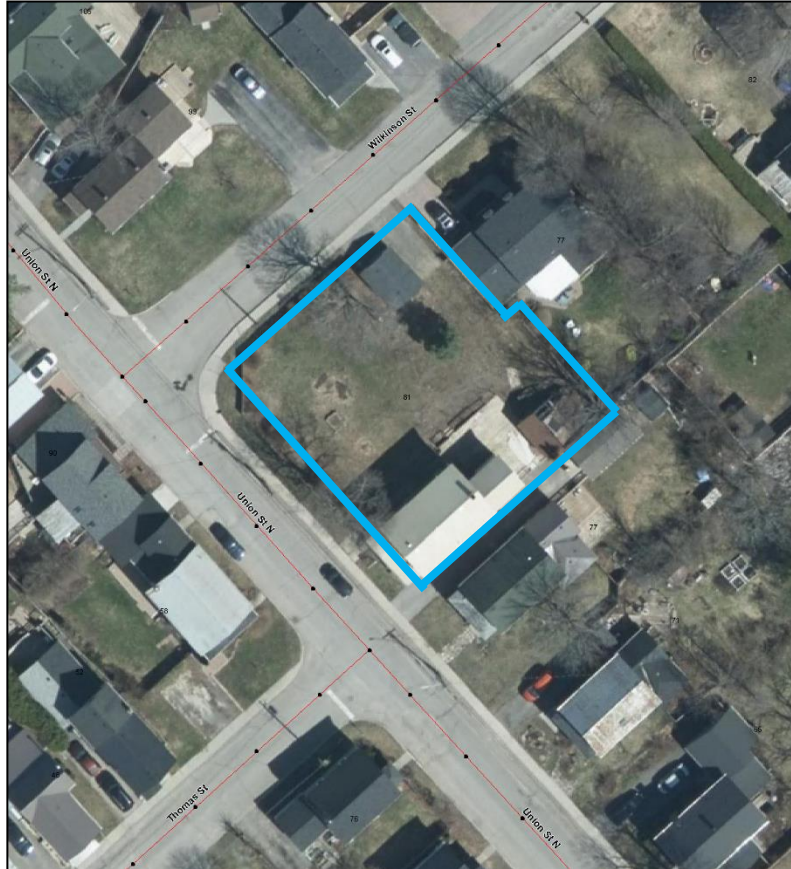
Encroachment agreements that are a result of a Planning Act applications, do not need approval of Council as the planning application process provides the Mayor and Clerk the authority to enter into an encroachment agreement. In absence of a planning application, such as with this existing encroachment, the Mayor and Clerk do not have delegated authority to sign encroachment agreements without approval of Council.


DESCRIPTION OF PROPERTY AND SURROUNDING LAND USES:

The subject property is a corner lot located at the east corner of the intersection of Union Street North and Wilkinson Street. Surrounding land uses consist of low-rise residential uses.

The subject property measures approximately 981 m² in size and features approximately 30 m of frontage along Union Street North. The subject property is currently occupied by a single detached dwelling with a detached garage. According to the Municipality's records, the existing house was constructed in 1900, and the garage built in 2007.

Figure 1: Subject Lands



 81 Union Street North (Subject Property)

PROPOSED DEVELOPMENT:

The Owners are seeking to replace the existing front porch and stairs to improve the overall safety of the porch and to reduce the encroachment of existing stairs into the right of way. The proposed stairs will consist of four steps and will extend from the proposed porch by 1.07 m, with a width of 2.06 m. The existing stairs are currently encroaching by 1.74 m, the new stairs will be built on the same footprint but will reduce the encroachment of the existing stairs by 0.48 m.

The new stairs and porch require a building permit and as previously mentioned, as part of the zoning review of the building permit identified the encroachment. When encroachments such as these are identified, staff work with the property owner to

establish a legal encroachment agreement so that the property owner has municipal approval for the encroachment and both parties are protected, from a legal standpoint, to address any issues that may arise with the encroachment. As a result, the encroachment agreement is a prerequisite prior to the Planning Department providing zoning approval for the building permit.

SERVICING & INFRASTRUCTURE:

The subject property is currently serviced by municipal services and no servicing changes have been proposed. Staff are of the opinion that all servicing or infrastructure concerns resulting from the subject encroachment have been adequately addressed.

COMMUNITY OFFICIAL PLAN (COP):

The subject property is designated as Residential. Staff are of the opinion that the subject request is generally consistent with the applicable COP policies.

ZONING BY-LAW #11-83:

The subject property is zoned as Residential Second Density (R2). Section 6.14 of Zoning By-law #11-83 permits the rebuilding, repairing and renovating of existing non-complying uses. Staff are of the opinion that the subject request is consistent with the applicable provisions of the Zoning By-law.

TECHNICAL COMMENTS RECEIVED:

No concerns were raised with respect to the existing encroachment. Staff note that Union Street is planned for reconstruction in 2024. The Owner is aware of this planned construction and has been advised by staff that the rebuilding of the porch and stairs will not conflict with the planned reconstruction of the porch.

EVALUATION:

Staff evaluated the characteristics of the subject property and the existing encroaching porch, the applicable COP policies, the applicable Zoning By-law provisions, the environmental impacts, and the right-of-way impacts of the proposed porch stair encroachment. Staff are of the opinion that the replacement of the porch stairs is an acceptable request with minimal environmental impacts and minimal impacts to the municipal right-of-way. The subject request represents an opportunity for the Municipality to formally register an encroachment agreement. The encroachment agreement will also cover any private landscaping that currently exists within the municipal right-of-way and include maintenance and liability clauses which reduces the risks borne by the Municipality associated with the private use of lands affected by the encroachment.

Staff are of the opinion that the approval of the encroachment request is desirable, and that the approval of the request is consistent with previous Council approvals for similar encroachment requests.

SUMMARY:

Having reviewed and assessed the proposed encroachment request, conforms to all applicable policies based on the analysis included herein, staff have no concerns regarding the subject encroachment request.

All of which is respectfully submitted by,

Approved by,



Gillian Bentley
Planner

Melanie Knight, MCIP, RPP
A/Director of Development Services and
Engineering

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

STAFF REPORT

DATE: December 5, 2023
TO: Committee of the Whole
FROM: Cory Smith, Director of Public Works
SUBJECT: Wastewater Treatment Plant – Replacement of Turbo Blowers

RECOMMENDATION:

THAT the Committee of the Whole recommend council authorize the replacement of the turbo blowers at the Wastewater Treatment Plant (WWTP) by the Ontario Clean Water Agency (OCWA) in the amount of \$527,313.00 plus HST;

AND THAT the works be funded from Reserves;

AND THAT staff continue to include \$100,000.00 to reserves for the remaining budget years until 2026 as planned so that the reserves remain at the forecasted levels as per the Long Term Financial Plan.

BACKGROUND:

The Mississippi Mills Wastewater Treatment Plant (MMWWT) has experienced ongoing challenges with the Turbo Blower system since its commissioning in 2012. The current system, consisting of obsolete "K-Turbo" brand blowers, has faced recurring failures and a lack of Original Equipment Manufacturer (OEM) support. The need for replacement was initially planned for 2026, with \$100,000 per year allocated to reserves since 2021.

Early in its life cycle, the system required repairs, prompting a visit from a K-Turbo representative from Korea. Unfortunately, this visit marked the last instance of obtaining official Original Equipment Manufacturer (OEM) support. Despite subsequent efforts to address issues, including attempts to have the control boards repaired by an electronics repair shop, initial successes were short-lived, with recurring failures.

The Blower problem has been an issue for some time with one of the three blowers out of service for some time. A recent unforeseen failure of a second blower has left the plant with only one of the three blowers in operation and no redundancy. Attempts to work with the manufacturer to repair the blowers has not been successful. This serviceability issues with the existing blowers and lack of redundancy for the plant has accelerated the requirement for immediate replacement.

DISCUSSION:

Staff have worked with OCWA, in collaboration with EVB Engineering, and conducted a thorough assessment and provided a comprehensive review of options. The assessment included a review of different options in pump technologies and an in-depth assessment to assure appropriate sizing of the new blowers for both present and future requirements.

Based on the assessment, Blower equipment submittals were solicited from four (4) blower suppliers. Each supplier provided submittals for blowers that met the requirements as per the assessment criteria.

After considering various technologies, OCWA recommends proceeding with APG Neuros due to factors such as design capacity, application suitability, vendor reputation, maintenance support, cost, and schedule.

The cost of the APG Neuros is not the cheapest, other options reviewed for equipment solely were cheaper. With prices ranging from \$299,910.00 Plus HST to \$410,000.00 plus HST. for supply of the equipment only, APG is on the high end of the pricing. APG Neuros is the predominant blower used across the province in OCWA facilities. APG Neuros has proven to be reliable and responsive to service needs. OEM service support and parts are based out of Ottawa. OCWA has a standing agreement with APG Neuros to allow sole source preselection procurement which will save 6-8 weeks in delivery time.

Procurement for maintenance and capital for the Waste Water Treatment Plant is done under OCWA's procurement policy, as per the Municipal Agreement with OCWA.

OPTIONS:

1. Based on OCWA's recommendation Proceed with APG Neuros option which meets all the criteria's
2. Direct OCWA to complete additional review of the lower cost alternatives. It should be noted that two of the alternatives met minimum criteria but had sub-optimal design criteria.

FINANCIAL IMPLICATIONS:

A breakdown of cost estimate for the project provided from OCWA is included in the table below.

Item	Value excluding HST
APG Neuros Proposal	\$410,250.00
Mechanical Installation	* \$40,000.00
Controls integration	\$5,000.00
Project Subtotal	\$455,250.00
OCWA Contract Fee	\$25,763.00
OCWA Labour	\$1,300.00

Contingency	\$45,000.00
Total Amount	\$527,313.00

The total project cost from OCWA is \$482,313.00 plus HST, a 10% contingency of \$45,000.00 will be funded from the sewer and water reserves that have been dedicated to the blower replacement, with additional unfunded costs being funded from the general funds for the sewer and water reserves.

Staff should continue to include \$100,000.00 transferred to reserves for the remaining budget years until 2026 as planned so that the reserves remain at the forecasted levels as per the Long Term Financial Plan.

STRATEGIC PLAN

This recommendation aligns with the pillars of the municipality's strategic plan:

Safe and Sustainable: Ensures efficient wastewater treatment.

Modern Efficient and Effective Municipal Operations: Upgrades outdated equipment for improved operations.

Sustainable Financial Stewardship: Utilizes existing reserves for planned infrastructure improvements.

PUBLIC ENGAGEMENT

No specific public engagement is required for this report as it pertains to the replacement of critical infrastructure components.

SUMMARY:

The Mississippi Mills Wastewater Treatment Plant faces urgent challenges with the Turbo Blower system. OCWA recommends replacing the blowers with APG Neuros, aligning with the strategic plan for safe, sustainable, and efficient municipal operations. The total project cost is \$527,313.00 plus HST, to be funded from sewer and water reserves.

Respectfully submitted by,

Cory Smith,
Director of Public Works

Reviewed by:

Ken Kelly,
CAO

ATTACHMENTS:

1. OCWA Memo Re: Wastewater Treatment – Blower Replacements

November 27, 2023

Cory Smith, C.Tech.
Director of Roads and Public Works
Municipality of Mississippi Mills

Re: Wastewater Treatment – Blower replacements

Dear Cory,

I trust this letter finds you well. I am writing to provide you with the latest developments regarding the ongoing challenges faced by the Mississippi Mills Wastewater Treatment plant (MMWWT) concerning the resiliency of the blower system performance.

Background

Since commissioning in 2012, the MMWWT has consistently faced challenges with the Turbo Blower system. The blower system, consisting of the now obsolete "K-Turbo" brand, comprises of three blowers arranged in a Lead/Lag/Standby configuration. These blowers play a crucial role in supplying air for the aeration process, which is vital for the efficient treatment of wastewater.

Early in its life cycle, the system required repairs, prompting a visit from a K-Turbo representative from Korea. Unfortunately, this visit marked the last instance of obtaining official Original Equipment Manufacturer (OEM) support. Despite subsequent efforts to address issues, including attempts to have the control boards repaired by an electronics repair shop, initial successes were short-lived, with recurring failures.

Recently, we managed to engage a K-Turbo expert from the US who demonstrated more success than previous attempts. However, challenges have arisen in sourcing essential parts, forcing us to resort to extracting components from the standby unit to facilitate repairs on the lead unit. This situation has led us to the realization that the only viable way forward is to replace these units entirely.

Actions taken

To tackle these challenges, the Ontario Clean Water Agency (OCWA) implemented several measures, initiating a comprehensive facility process and technology review. Collaborating with EVB Engineering, OCWA conducted an in-depth assessment to assure appropriate sizing of the new blowers for both present and future requirements. This effort culminated in the creation of the Technical Memo titled "Aeration Blower Replacement Design Criteria."

Following this, an examination of various blower technologies was undertaken, and the results were consolidated in the Technical Memo titled "Aeration Blower Replacement Options Review." From this Technical memo OCWA was able to put forth a recommendation to resolve the current blower issue.

Recommendation

Based on the summarized design criteria and the options review OCWA is recommending proceeding with APG Neuros.

Design Capacity

- The unit specified is NX 150S-C070 and has been confirmed to meet both current and future needs.

Application

- APG Neuros has a significant turndown ratio (60%) which is well suited for this application.

Vendor reputation

- APG Neuros is the predominant blower used across the province in OCWA facilities.

Maintenance Support

- APG Neuros has proven to be reliable and responsive to service needs. OEM service support and parts are based out of Ottawa.

Cost

- APG Neuros are not the most inexpensive model, however it is OCWA's opinion that they deliver the most value for money.

Schedule

- Due to the urgency of the situation this aspect is key. APG Neuros has indicated a 20-week delivery time, which aligns with some of the other options. That notwithstanding OCWA has a standing agreement with APG Neuros to allow sole source preselection procurement which will save 6-8 weeks.

Regarding the other vendors reviewed, AERZEN and ATLAS-COPCO, both utilize design aspects that are suboptimal for this facility, both in terms of application and efficiency. The purpose of this review was to explore alternative technologies to ensure that we were not overlooking modern advancements. While it is acknowledged that TURBOWIN is less costly and employs similar design aspects to the APG NEUROS, OCWA recommends the APG NEUROS for the reasons mentioned above.

Next steps

1. APG Neuros Proposal

OCWA has a standing agreement with APG Neuros, offering substantial cost savings to our clients and enabling sole-source procurement. Due to the urgency of the situation, we recommend moving forward with this recommendation. APG Neuros has conveyed their ability to commence the assembly of the units promptly and expresses confidence in delivering earlier than the estimated 20 weeks. The complete APG Neuros proposal is attached for reference.

2. Installation

The installation will necessitate custom modifications, particularly concerning the new piping transition spool pieces. Additionally, there will be a new electrical feed system (as outlined in the APG Neuros proposal), necessitating the involvement of an electrician. Services for the monitoring and controls system will also be required. Given the urgency of the situation, we request your approval to proceed with the proposal, initiating the delivery period, while concurrently working on a formal price proposal for the installation and commissioning. Preliminary estimates suggest installation costs within the range of \$40,000.

Project Proposal Summary

Scope

OCWA will oversee a comprehensive turnkey project to replace the current three K-Turbo blowers with APG Neuros units at the MMWWTF. The project will encompass all aspects, including the procurement of the new units, installation (involving custom retrofitting to existing piping), electrical work, controls, and commissioning.

Budget

Item	Cost
APG Neuros Proposal	410,250
Mechanical Installation*	40,000
Controls integration	5,000
<hr/>	
Project Subtotal	455,250
OCWA contract fee	25,763
OCWA Labour 20 hours	1,300
<hr/>	
Total Project (+hst)	482,313

*Mechanical installation is a budgetary estimate

Schedule

As mentioned, due to the urgency we are recommending approval of the blowers to start their assembly and expedite delivery. Using the conservative delivery window of 20 weeks after PO submittal the schedule outline will be:

ID	Task	Start Date	End Date	Duration Days
1	Proposal review and approval	Nov 29, 2023	Dec 06, 2023	6
2	PO submittal and acceptance	Dec 06, 2023	Dec 06, 2023	1
3	Assembly and delivery of blowers	Dec 06, 2023	Jun 18, 2024	140*
4	Award installation contracts	Jan 10, 2024	Jan 10, 2024	1
5	Blower Delivery/Installation start	Jun 17, 2024	Jul 04, 2024	14
6	Commissioning	Jul 01, 2024	Jul 16, 2024	12
7	Project close out	Jul 15, 2024	Jul 22, 2024	6

*APG Neuros has indicated they will likely be earlier than this date

We look forward to discussing this proposal in detail soon.

Sincerely:



Robert LeBlanc
Senior Operations Manager-Capital Projects
Ontario Clean Water Agency



PROJECT: Mississippi Mills WWTP
DATE: October 19, 2023
TO: Austin Mitchell, Sr. Operations Manager – Mississippi Cluster
 Robert Leblanc, Sr. Operations Manager - Capital Projects
FROM: Jamie Baker (EVB)
RE: Aeration Blower Replacement Design Criteria

1 INTRODUCTION

1.1 BACKGROUND

1.1.1 AERATION SYSTEM DESIGN BASIS

Table 1-1: Original Design Data

Parameter	Values	
Raw Sewage		
Average Daily Flow	4,700 m ³ /d	
Peak Daily Flow	14,100 m ³ /d	
Inf. BOD ₅	105 mg/L	494 kg/d
Inf. TKN	25 mg/L	118 kg/d
Septage Receiving		
Average Flow	35 m ³ /d	
BOD ₅	7,000 mg/L	245 kg/d
NH ₃ -N	150 mg/L	5.25 kg/d
Aeration System		
	Extended Aeration Facility	2 Tanks
Dimensions per tank	16.5 m x 33 m	
SWD	4.6 m	
Volume per tank	2,505 m ³	
Aeration Tank Mixing Air Required (fine bubble)	332 L/s per tank	0.61 L/(m ² ·s) MECP
Channel Mixing		
	2 x (16.5 x 1) @ (1.7m SWD)	
	2 x (7.5 x 1) @ (2.0m SWD)	
Air Required (fine bubble)	30 L/s	

Table 1-2: Aeration System Requirements

Demands	Air Flow
Extended Aeration (Process Requirements)	
Tank R-550	972.2 L/s
Tank R-560	972.2 L/s
Aerobic Digester	
Reactor R-810	61.4 L/s
Reactor R-820	61.4 L/s
Reactor R-910	91.9 L/s
Vortex Grit Air Lift	31 L/s
Channel Aeration	30 L/s
Total	2220 L/s (Peak) [8,000 Sm ³ /hr/ 133 m ³ /min]

Note: Discharge pressure is 48.75 kPa (7.1 psi(g)) at a site elevation of 132m ASL.

1.1.2 CURRENT AERATION BLOWERS

The existing aeration blowers consist of the following:

- KTurbo Model: TB150-0.85/1/V21
- 3 Units each with a Capacity of 80 m³/min at 11.6 psi(g)
- Arrangement: Lead/Lag/Standby

Currently the KTurbo Blowers are each sized for approximately 60% of the total peak demand, resulting in the peak design demand being met with two blowers turned down to approximately 80%. However, we understand that the system is currently over aerating the main process vessels to achieve the MECP mixing requirements.

The original units were placed in service in 2012, since that time OCWA has observed numerous electrical failures to the point where they are no longer able to secure replacement parts for the units.

2 OPERATIONS DATA

As a check of the 2009 design data, a review of the operational influent data for the period of 2021 to 2023 has been included. The loading data are calculated based on the average of the weekly grab samples collected each month, multiplied by the average daily flow recorded each month.

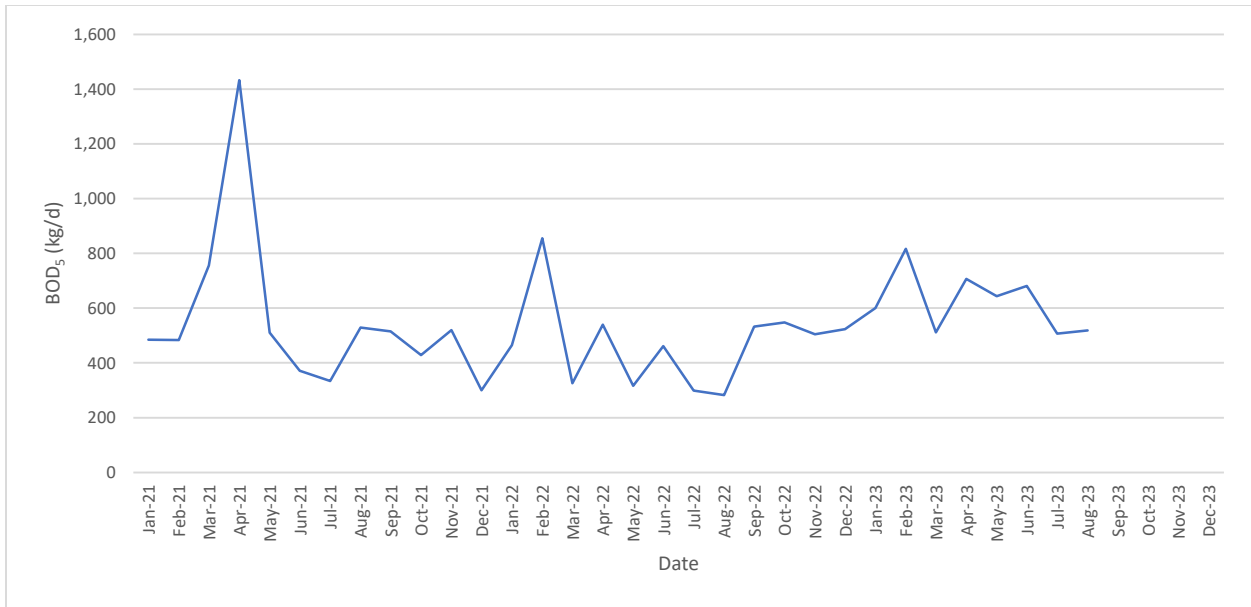


Figure 2-1: Average Weekly BOD₅ Loadings

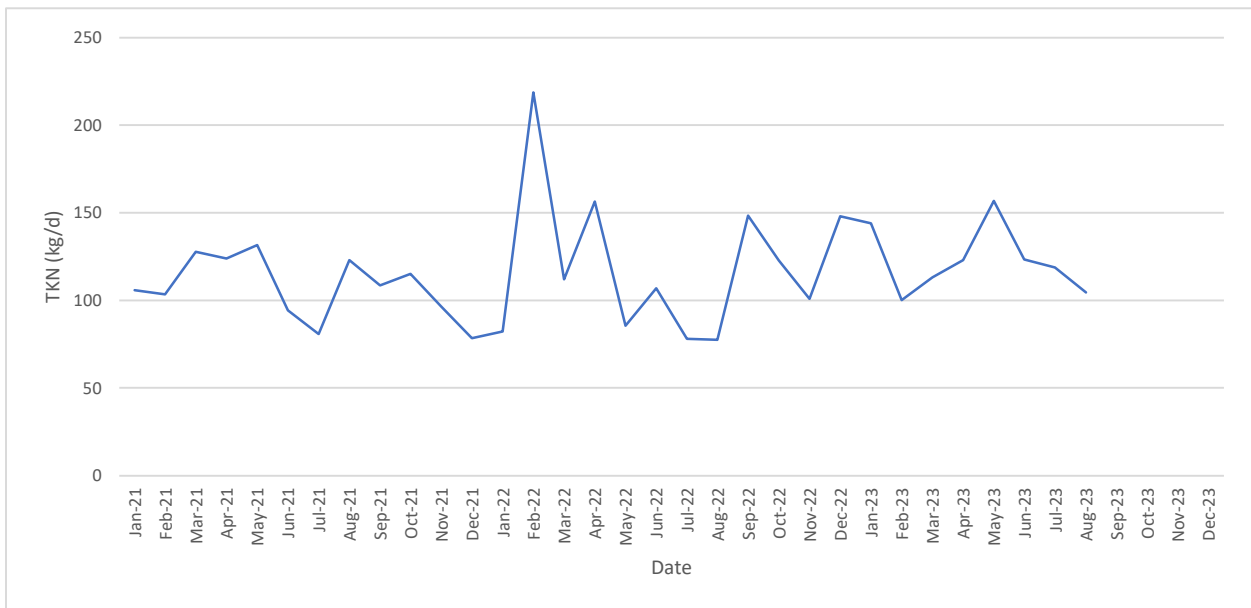


Figure 2-2: Average Weekly TKN Loadings

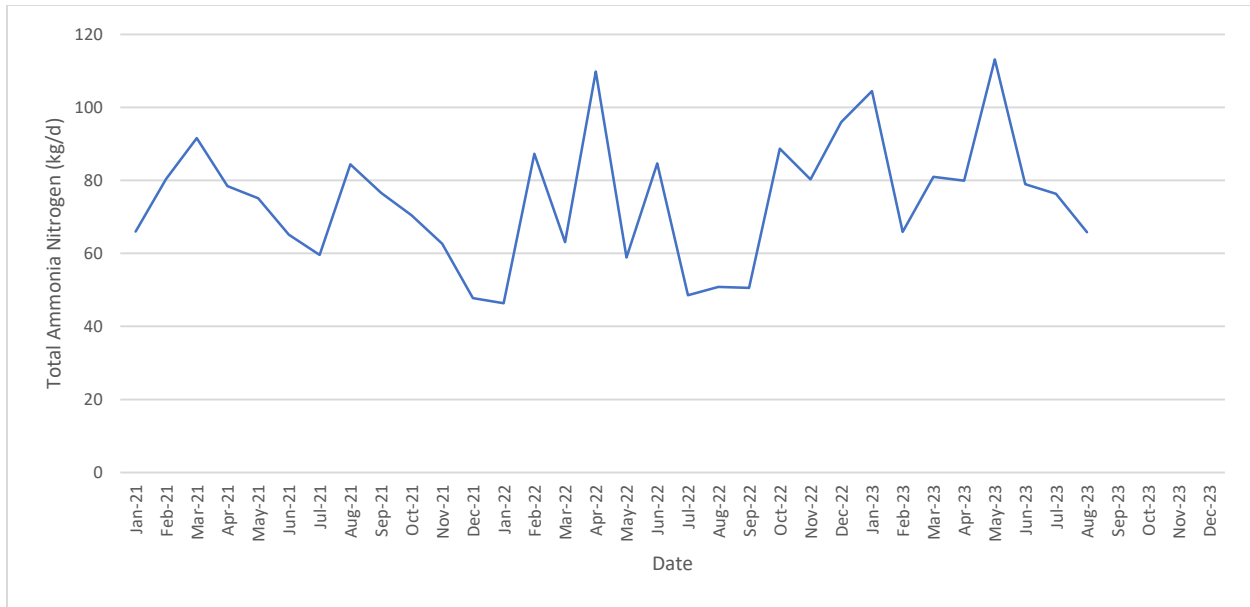


Figure 2-3: Average Weekly Total Ammonia Nitrogen (NH₃ + NH₄) Loadings

Table 2-1: Descriptive Statistics (January 2021 to August 2023)

	Flow	BOD ₅		TAN		TKN	
	m ³ /d	mg/L	kg/d	mg/L	kg/d	mg/L	kg/d
Mean	3,602	165	541	22.7	74.6	35.3	115.9
Median	3,196	149	513	21.6	76.4	34.3	112.5
Std. Dev	1,540	69	218	6.9	17.5	11.0	29.4
Minimum	1,838	39	283	7.5	46.4	13.3	77.5
Maximum	8,440	401	1,433	37.3	113.2	63.8	218.8

As indicated in the analysis, the influent quality is greater than the original design values by about 60 mg/L BOD₅ and about 10 mg/L TKN.

3 CONCLUSIONS AND RECOMMENDATIONS

Currently the Mississippi Mills WWTP is operating at approximately 76% of it's hydraulic rated capacity and is operating above the design loading rates; however, based on the operator observations the system is able to address the secondary treatment oxygen requirements with only one unit in operation.

Based on the original blower sizing and the operating conditions of the facility we recommend replacing the existing KTurbo blowers with similarly sized blowers, each with a capacity of approximately 80 Sm³/min at 11.2 kPa (11.6 psi).

Aside from the air delivery capacity, the operating conditions of the blowers are variable with respect to the oxygen requirements of the secondary process but also the variability in demand on the air system. This variability is associated with the on/off requirements of both the vortex grit air lift/mixing as well as the Digester reactor requirements. Each of those systems (Vortex and ATAD) demand air based on their particular operating conditions; Vortex requirements are associated with grit fluidization and removal where as the ATAD system is based on the ORP conditions within each vessel and cycling the air to optimize

treatment. The demands of this type of operation needs to be addressed by the Blower provider; it is our understanding that Turbo blowers are not well adapted to this type of operation and there has been a re-occurrence of blower failures associated with on/off operation of side streams from a common header arrangement.



PROJECT: Mississippi Mills WWTP
DATE: November 20, 2023
TO: Austin Mitchell, Sr. Operations Manager – Mississippi Cluster
Robert Leblanc, Sr. Operations Manager - Capital Projects
FROM: Jamie Baker (EVB)
RE: Aeration Blower Replacement Options Review

1 INTRODUCTION

1.1 BACKGROUND

Based on the aeration system design basis circulated (October 2023), blower suppliers were solicited to provide blower equipment offerings that meet the design criteria as well as to highlight their specific installation requirements, benefits, energy efficiency, turn-down as well as costing. The following is a summary of their equipment submittals.

2 EQUIPMENT SUBMITTALS

Blower equipment submittals were solicited from four (4) blower suppliers including the following:

- APG Neuros (Turbo Blower)
- TurboWin (Turbo Blower)
- Aerzen (Hybrid Positive Displacement Blower)
- Atlas Copco (Screw Compressor)

These manufacturers were selected due to their manufacturing and parts availability proximity to Almonte, Ontario, their type of blower technology and reputation within the industry.

2.1 APG NEUROS

The APG Neuros submission included the supply of three (3) turbo blowers (air foil bearings) with appurtenances as well as three (3) transformer/harmonic filter assemblies. The equipment offering includes:

- Proposed Blower: NX 150S-C070
Power at Design Point: 104 kW @ 30°C
- Duty Discharge Pressure 67 kPa (9.7 psi(g))
- Flow Rate per Blower: 80 Nm³/min

- Maximum Air Flow per blower: 87 Nm³/min
- Minimum Air Flow per blower: 34 Nm³/min
- Turn-down: 60%
- Number of Blowers: 3
- Wire-to-Air Power @ Design Conditions: 104 kW @ 30°C
- Max. noise level at 1 m: 80 dBA
- Input Power Requirements: 480V/3/60Hz
- Full load amperage: 162 A
- 12-month warranty after blowers have been commissioned

2.1.1 INSTALLATION REQUIREMENTS

The unit physical properties are:

- Length/Width/Height: 2,062 mm x 770 mm x 1,490 [TBC]mm
- Inlet Flange Size: 300 mm (12")
- Discharge Flange Size: 250 mm (10")

The APG Neuros blowers operating voltage is 480 V, which requires the installation of a transformer+harmonic filter assembly which is included in their quotation. The installation will require the removal of the line reactor, installation of the trans/filter and wiring the units.

EQUIPMENT COST: \$402,000 + TAXES

Terms: 15% upon issuance of shop drawings
 75% at delivery of jobsite or offer to ship based on agreed upon schedule.
 10% upon Start-up, no later than 90 days after delivery to jobsite

2.1.2 SCHEDULE

APG Neuros has indicated that shipment will be made 20 weeks after acceptance of the purchase order or 16 weeks after approval of Submittals, whichever occurs last. Their submittal package shall be provided within 2-3 weeks after acceptance of the PO.

2.2 TURBOWIN

The TurboWin submission included the supply of three (3) turbo blowers with appurtenances as well as three (3) transformer/harmonic filter assemblies. The TurboWin blowers feature permanent magnet synchronous motor, bump-type air foil bearings and integral cooling fans.

- Proposed Blower: WL 150-080
 Power at Design Point: 104 kW @ 30°C
- Duty Discharge Pressure 67 kPa (9.7 psi(g))
- Flow Rate per Blower: 80 Nm³/min
 - Maximum Air Flow per blower: 80 Nm³/min

- Minimum Air Flow per blower: 26 Nm³/min
- Turn-down: >60%
- Number of Blowers: 3
- Max. noise level at 1 m: 85 dBA
- Input Power Requirements: 460V/3/60Hz
- 24-month Warranty after blowers have been commissioned
- Parts storage facility located in Mississauga, ON.

2.2.1 INSTALLATION REQUIREMENTS

The unit physical properties are:

- Length/Width/Height: 2,050 mm x 900 mm x 1,650 mm
- Inlet Flange Size: 300 mm (12")
- Discharge Flange Size: 250 mm (10")
- Motor and Bearing cooling air discharge: 125 mm (5")
- VFD Cooling fan: 200 mm (8")

The TurboWin blowers operating voltage is 400 V, which requires the installation of a transformer+harmonic filter assembly which is included in their quotation. There are multiple cooling air discharges from the unit which will need to be assessed to determine whether they should be vented within the room or ducted outside.

2.2.2 SCHEDULE

The schedule submitted by TurboWin indicates that their shop drawing submittals will be provided within four (4) weeks of the issuance of a purchase order. Equipment delivery shall be delivered to the site within nineteen (19) weeks after shop drawing approval.

EQUIPMENT COST: \$340,000 + TAXES

Terms: 20% upon approval of shop drawings

70% at delivery of jobsite or offer to ship based on agreed upon schedule.

10% after commissioning

2.3 AERZEN

The Aerzen submission included has provided two options: Option 1 – Aerzen 5th Generator Positive Displacement Blowers; Option 2 – Aerzen Generation 5 Hybrid Blower. Both scopes of supply include three (3) blowers with appurtenances. Their blower options are all provided at a voltage of 575V, which do not require the transformer/harmonic filter assemblies included in both Turbo blower options.

AERZEN 5TH GEN. POSITIVE DISPLACEMENT BLOWER

- Proposed Blower: GM 90S DN 250
- Belt Driven Blower
- Drive Motor: 125 hp, 1800 rpm, TEFC

- Duty Discharge Pressure 49 kPa (7.1 psi(g))
- Flow Rate per Blower: 80 Nm³/min
 - Maximum Air Flow per blower: 80 Nm³/min
 - Minimum Air Flow per blower: 13 Nm³/min
 - Turn-down: >60%
- Number of Blowers: 3
- Wire-to-Air Power @ Design Conditions: 92.3 kW @ 30°C
- Max. noise level at 1 m: 77 dBA
- Input Power Requirements: 575V/3/60Hz
- 12-month Warranty after blowers have been commissioned or 18 months after delivery and after provisional acceptance of the work against defects in workmanship and design.

AERZEN GENERATION 5 HYBRID BLOWER

The Hybrid Blower is an Aerzen D 98S Rotary-Lobed Compressor complete with mechanical oil pump and oil demister.

- Proposed Blower: D 98S DN 250
- Belt Driven Blower
- Drive Motor: 125 hp, 6600 rpm, TEFC
- Duty Discharge Pressure 49 kPa (7.1 psi(g))
- Flow Rate per Blower: 80 Nm³/min
 - Maximum Air Flow per blower: 80 Nm³/min
 - Minimum Air Flow per blower: 27.9 Nm³/min
 - Turn-down: >60%
- Number of Blowers: 3
- Wire-to-Air Power @ Design Conditions: 85 kW @ 30°C
- Max. noise level at 1 m: 79 dBA
- Input Power Requirements: 575V/3/60Hz
- 12-month Warranty after blowers have been commissioned or 18 months after delivery and after provisional acceptance of the work against defects in workmanship and design.
- Refer to the attached energy savings assessment provided by Aerzen for the two options.

2.3.1 INSTALLATION REQUIREMENTS

The unit physical properties are:

OPTION 1

- Length/Width/Height: 2,200 mm x 1,900 mm x 2,345 mm
- Inlet Flange Size: 250 mm (10")
- Discharge Flange Size: 250 mm (10")

OPTION 2

- Length/Width/Height: 2,200 mm x 1,900 mm x 2,345 mm
- Inlet Flange Size: 300 mm (12")
- Discharge Flange Size: 250 mm (10")

The Aerzen Hybrid blowers operating voltage is 460 V, which requires the installation of a transformer+harmonic filter assembly which is included in their quotation. The Hybrid option requires a more extensive set of control panels which are not included with the on-board monitoring equipment that is part of the other submissions. The VFD's for the Aerzen units are not included within the equipment shell and as such will require additional wall/floor space.

2.3.2 SCHEDULE

The schedule submitted by Aerzen indicates that equipment delivery shall be delivered to site within 38 – 42 weeks after shop drawing approval.

EQUIPMENT COST: \$299,910 + TAXES (OPTION 1)
\$386,466 + TAXES (OPTION 2)

Terms: 15% upon submittal of shop drawings
85% on readiness to ship – Aerzen Canada

Of note, is the location of the Aerzen Canada manufacturing facility at Vaudreuil-Dorion, Que, approximately 220 km from Almonte.

2.4 ATLAS-COPCO

The Atlas-Copco submission included the supply of three (3) screw compressors with appurtenances. The compressors are all provided at a voltage of 575V, which do not require the transformer/harmonic filter assemblies.

- Proposed Blower: ZS 5 VSD 90kW J-0.8-60
Power at Design Point: 101.3 kW @ 30°C
Power at Min Flow Point: 37.7 kW
- Duty Discharge Pressure 67 kPa (9.7 psi(g))
- Flow Rate per Blower: 80 Nm³/min
 - Maximum Air Flow per blower: 80 Nm³/min
 - Minimum Air Flow per blower: 28.36 Nm³/min
 - Turn-down: 68% maintaining the same efficiency throughout the range.
- Number of Blowers: 3
- Wire-to-Air Power @ Design Conditions: 104 kW @ 30°C
- Max. noise level at 1 m: 80 dBA
- Input Power Requirements: 575V/3/60Hz
- 12-month warranty after blowers have been commissioned
- Parts storage facility located in Montreal, Que; the service location needs to be confirmed.

2.4.1 INSTALLATION REQUIREMENTS

The unit physical properties are:

- Length/Width/Height: 2,300 mm x 1,760 mm x 2,100 mm
- Inlet Flange Size: 300 mm (12")
- Discharge Flange Size: 250 mm (10")
- Unit cooling air is through on-board filters.

2.4.2 SCHEDULE

The schedule submitted by Atlas Copco indicates that their shop drawing submittals will be provided within **four (4) weeks** of the issuance of a purchase order. Equipment delivery shall be delivered to the site within **sixteen (16)** [TBC] weeks after shop drawing approval.

3 SUMMARY

Table 3-1 presents a summary of the blower options, types, and equipment value. In addition to the unit costs, there will be installation costs specific to each unit.

Table 3-1: Blower Comparison Table

Manufacturer	Type	Operating Voltage	Cost
APG Neuros	Turbo	480 V	\$402,000
TurboWin	Turbo	460 V	\$340,000
Aerzen			
GM 90S DN 250	Positive Displacement	575 V	\$299,910
D 98S DN 250	Hybrid PD	460 V	\$386,466
Atlas Copco	Screw Compressor	575 V	\$315,000

DIMENSIONAL RESTRICTIONS – PROCESS AND CIVIL

The existing KTurbo blowers have the following dimensions:

- Length/Width/Height: 1,257 mm x 1,092 mm x 1,732 mm

All the units have a larger footprint than the existing units which will result in both layout changes requiring modifications to the housekeeping pads, process piping connections and electrical supply. In general, all the units presented include top discharge flanges and back mounting inlet flanges of the same size as the KTurbo units. In all cases there will be some piping modifications required to fit-up the replacement units. Additionally, each unit includes individual blow-off and cooling exhaust streams that will need to be vented accordingly.

ELECTRICAL RESTRICTIONS

Each of the Turbo blowers as well as the Aerzen Hybrid option requires a step-down transformer to reduce the incoming voltage from 575 V (600 V) to their specific operating voltage. The Aerzen PD and Atlas Copco units both operate on 575 V, as such no transformer is required.



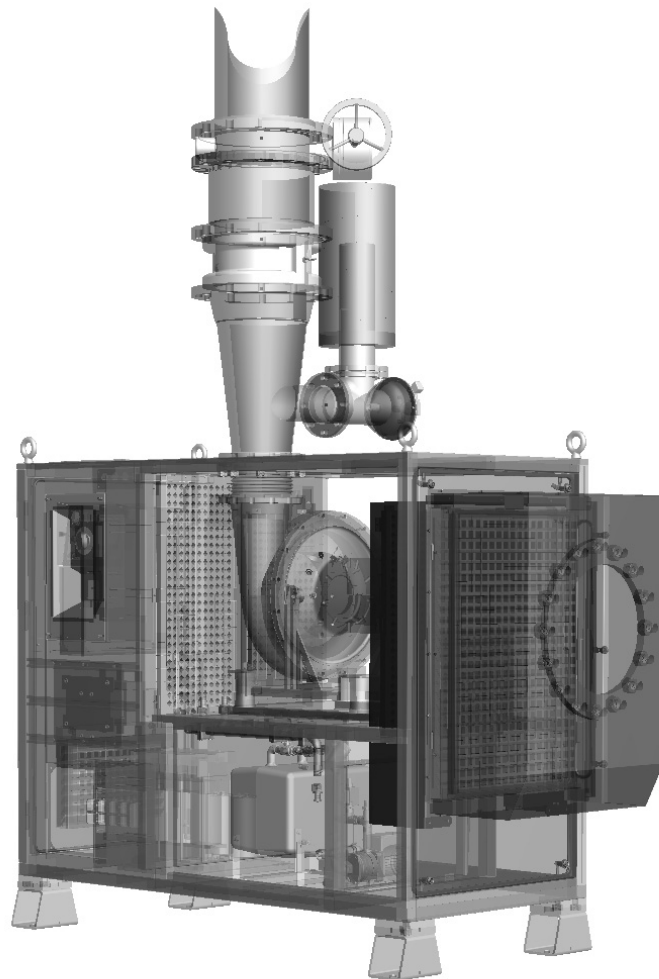
Mississippi Mills, ON

High Speed Turbo Blower

Bid Scope of Supply
Proposal # 01514-3780

Submitted by:

APGN Inc. *dba* APG – Neuros



APGN Inc. *dba* APG-Neuros
1270 Michèle-Bohec, Blainville, Québec J7C 5S4, Canada, Tel : (450) 939-0799

APGN Publication: APGN-SP-FORM-194-E.06 Bid Scope of Supply

APGN Revision Date: March-29-2023

November 27, 2023

Robert (Bob) LeBlanc | Sr. Operations Manager-Capital Projects

Ontario Clean Water Agency, Eastern Region Hub
31 Bridge St, Almonte, ON K0A 1A0

Reference: 23-901 Mississippi Mills Blower Replacements - Proposal Request

Subject: Request for Proposal – Supply of Process Aeration Equipment

Dear Sir / Madame,

APG-Neuros is pleased to submit the following proposal in response to the above referenced inquiry.

APG-Neuros Turbo Blower Scope of Supply:

A. Three (3) NX150S-C070 APG-Neuros High Speed Turbo Blowers system packages, to be installed *indoors*, rated for conditions as shown on the specification, complete with integrated components as follows:

- Blower Core;
 - High Efficiency Forged Aluminum Impeller
 - Permanent Magnet Synchronous Motor
 - Dual Layer Bump-foil Air Bearings
 - Titanium Shaft
 - Sine-wave filter for cooler running motor
 - Internal vibration and dynamic effect Absorption Mounts
 - Internal Expansion Joint

- Blower Local Control Panel;
 - Allen Bradley HMI Touch Screen
 - Allen Bradley PLC
 - Voltage Surge Protection
 - Uninterruptible Power Supply for PLC - Industrial grade – (10 minutes)
 - Provisions for Remote Control capability via Ethernet, LAN or Hard wiring

- KEB Variable Frequency Drive and Inverter
 - UL, CE & CSA certified
 - Input Line Reactor to minimize harmonics
 - Built in Speed measurement
 - Voltage Surge Protection
 - 3ph/60Hz/480 Volts

- Equipment Sensors & Instruments;
 - Temperature sensors for motor, bearing, inlet and discharge air flow
 - Rotor vibration sensor
 - Pressure sensors for Ambient pressure, inlet and discharge conditions
 - Pressure sensor and alert for air filter condition

APG-Neuros Proprietary Information Provided in Strict Confidence

- All above components within a sound attenuating NEMA 3R enclosure with;
 - 12" *Horizontal Flanged Inlet*
 - 10" Discharge Expansion Cone
 - Coarse pre-filter Merv 8 rated
 - Integrated inlet air filters

B. Each blower is complete with following ship-loose items:

- One (1) Blow-off bypass valve to blow off air flow during start/shutdown sequence
- One (1) Blow-off silencer to silence air flow during start/shutdown sequence
- One (1) Wafer style discharge Check Valve, 10"
- One (1) Lugged type discharge Butterfly valve with manual Operator, 10"
- One (1) EPDM flexible connector for discharge, 10"
- One (1) Stand-Alone Auto TransLineator 600V-480V (Includes Transformer 600-480V and Harmonic Filter)

C. Submittal Information: Copies as required

- Qualifications of APG-Neuros
- Quality of construction
- Power Guarantee
- Product Data
- Detailed Drawings
- Quality Control
- Certified Blower test
- Operation and Maintenance Manuals

D. Payment Terms:

- 15% on issuance of Shop drawings
- 75% on delivery of equipment to site or offer to ship based on agreed upon schedule
- 10% upon Start-up, no later than 90 days after Delivery
- All invoices are to be paid Net 30 days
- APG-Neuros will bill if delivery does not occur within 30 days after completion of production and will store the equipment at no extra charge.
- 1.5% Interest charge per month will be added to past due accounts of 45 days and over
- Payment shall not be dependent on the buyer being paid by any third parties or equipment acceptance by owner.

E. Proposal Validity and Seller Terms and Conditions

- Unless otherwise specified elsewhere in the Sales Agreements, the prices in this proposal are valid for sixty (60) days from the issue date on the cover page.
- This proposal, unless otherwise specified herein this document, is subject to the Seller's General Terms and Conditions of Sales available upon request.
- Final price is subject to change contingent on final conformed specification review, if applicable.

APG-Neuros Proprietary Information Provided in Strict Confidence

F. Factory Inspection and Tests

- Standard Blower Package Functional Acceptance Test.

G. Warranty

- Blowers and appurtenances (parts and labor) will be warranted for a period of One (1) year from the date of start- up not to exceed eighteen (18) months from delivery, whichever occurs first.

H. Technical Support

- APG-Neuros will provide services of a qualified technician on site for start-up, field testing and operator training for a total of up to six (6) days, performed in up to three (3) trips to site.

I. Spare parts

- One (1) sets of inlet air filters per blower
- One (1) tool box and tool kits

J. Quality Assurance / Certifications

- APG-Neuros Turbo Blower is UL1450/CSA & CE certified
- APG-Neuros production system is certified to ISO 9001

K. Price..... **CAD \$ 410,250**

- Price is Net F.O.B. shipping destination, and Excludes Taxes.
- Price covers Items A through J above.

L. Delivery Lead time

- Submittals shall be issued two (2) weeks from manufacturers acceptance of PO.
- Blowers shall be shipped sixteen to twenty (16-20) weeks from approval of submittals.

M. Exclusions

The following items are not included in this scope of supply and shall be the responsibility of others.

- Blower Installation
- Piping for suction, discharge, gauge, vent, seal, inlet expansion joint, and miscellaneous fittings
- Master Control Panel
- Harmonic Mitigation testing on site

APG-Neuros Proprietary Information Provided in Strict Confidence

We appreciate the opportunity to quote APG-Neuros Turbo Blowers and look forward to a successful project.

For any questions regarding Sales, Procurement, Service and Warranty information, please contact:

APG-Neuros Sales Department
1270 Michèle-Bohec
Blainville, Québec J7C 5S4
Phone 450-939-0799
Fax 450-939-2115
sales@apg-neuros.com

APG-Neuros Proprietary Information Provided in Strict Confidence

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

STAFF REPORT

DATE: December 5, 2023
TO: Committee of the Whole
FROM: Luke Harrington, Engineering Coordinator
SUBJECT: Riverfront Estates Phase 5 – Final Acceptance

RECOMMENDATION:

THAT Committee of the Whole recommend that Council authorize final acceptance for the finalized portion of plan of subdivision 27M-88 Riverfront Estates Phase 5, to be known as Phase 5, in accordance with Section 15 of the subdivision agreement with Houchaimi Holdings inc.;
AND THAT Committee of the Whole recommend that Council direct staff to prepare an assumption by-law for the roads and associated infrastructure works constructed with the development of the portion plan of subdivision 27M-88 to be known as Phase 5.

BACKGROUND:

On February 7, 2019, The Municipality of Mississippi Mills entered into a subdivision agreement with Houchaimi Holdings Inc. for the development of Riverfront Estates Phase 5. The subdivision which was registered on May 15, 2019, included townhouse blocks, lands for stormwater management purposes, and blocks for apartment buildings.

Section 15 states:

“When the Director of Roads and Public Works is satisfied that the Works set out in this agreement or any part thereof and any other works which may have been required have been executed in accordance with this agreement and the Municipal standards and specifications and requirements, and has also been satisfied that all Municipal accounts have been paid, and maintenance requirements met, the Director of Roads and Public Works will forthwith present a report to the Council of the Municipality stating that the Works or any part thereof has been completed satisfactorily and the roads are in the required condition for them to be assumed by the Municipality. Acceptance of any of the Works or any part thereof shall be evidenced by By-law of Council.

Upon the said By-law being passed, the ownership of the Works, except house numbers and sodding beyond the road boundary, shall vest in the Municipality and the

Owner shall have no claim or rights thereto, other than those accruing to it as Owner of the land abutting streets on which the Works were installed.”

All the works prescribed within the subdivision agreement for the part of Riverfront Estates Phase 5, entered into their warranty period in November 2022. The mandatory one year maintenance (warranty) period has now expired and required works have been completed to the Satisfaction of the Director of Public Works with all required certifications being submitted and accepted.

DISCUSSION:

The Municipality completed a final inspection of Riverfront Estates Phase 5 to mark the end of the mandatory one year maintenance period for the subdivision. During the inspection some minor sidewalk deficiencies were identified and the developer has committed to complete the repairs. The repairs are scheduled to be completed prior to the final release of securities. The Developer has satisfied all obligations of the subdivision agreement. Staff is therefore recommending that final acceptance be issued pursuant to Section 15 of the agreement for Phase 5.

In addition, staff is recommending that the required assumption by-law be prepared in accordance with Section 22 of the agreement. Final release and assumption is contingent on the successful demonstration that the requirements of the Construction Lien Act, 1990. C.30, have been met as per section 23.5 of the subdivision agreement.

OPTIONS:

1. Recommend Final Acceptance
2. Request Additional Information

FINANCIAL IMPLICATIONS:

There are no financial implications to the Municipality. However, the final release of securities for Phase 5 in the amount of \$40,301.87 will occur concurrently with demonstrating that the requirements of the Construction Lien Act have been met and the works being assumed by the Municipality are clear in title.

SUMMARY:

The Phase 5 portion of Riverfront Estates subdivision (Plan 27M-88) concluded the mandatory one year maintenance period for works constructed as part of the subdivision agreement. The developer, Houchaimi Holdings Inc., has completed all works to the satisfaction of the Director of Roads and Public Works. Staff is therefore recommending that the Municipality issue final acceptance and that the remaining securities totaling \$40,301.87 be released subject to the conditions as noted in this report. It is also recommended that the Municipality move forward with the preparation of the necessary by-law governing assumption of the works.

Respectfully submitted by,

Luke Harrington,
Engineering Coordinator

Reviewed by:

Cory Smith,
Director of Public Works

PLAN 27M-88

I CERTIFY THAT THIS PLAN IS REGISTERED IN THE LAND REGISTRY OFFICE UNDER SECTION 51 OF THE PLANNING ACT ON THE 15 DAY OF April 2019 AND ENTERED IN THE PARCEL REGISTER FOR PROPERTY IDENTIFIER 05297-0328. AND THE REQUIRED CONSENTS ARE REGISTERED AS PLAN DOCUMENT NUMBER LC-195716

REPRESENTATIVE FOR LAND REGISTRAR

THE PLAN COMPRISED OF ALL OF PIN 05297-0328.

CERTIFICATE OF SUBDIVISION APPROVAL AUTHORITY:

THIS FINAL PLAN OF SUBDIVISION IS APPROVED UNDER SECTION 51 OF THE PLANNING ACT ON THIS 21 DAY OF March 2019

KURT GREAVES, CHIEF ADMINISTRATIVE OFFICER
COUNTY OF LANARK

PLAN OF SUBDIVISION OF
PART OF LOT 14 CONCESSION 10
(GEOMETRIC TOWNSHIP OF RAMSAY)
MUNICIPALITY OF MISSISSIPPI MILLS
COUNTY OF LANARK

SCALE 1:750

METRIC CONVERSION
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METERS AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

GRID SCALE CONVERSION
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99989.

BEARING NOTE
BEARINGS HEREON ARE GRID BEARINGS DERIVED FROM THE CANMET VRS LONGITUDE OF THE 3RD W. ONTARIO COORDINATE SYSTEM, NAD83 (ORIGINAL) ZONE 9.

1973084 N 50.2797 E 1.330023 32
1973085 N 30.66904 E 32488804

FOR BEARING COMPARISONS A ROTATION FACTOR OF 170347 COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS SHOWN ON P2, AND A ROTATION FACTOR OF 01125 COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS SHOWN ON P3.

LEGEND

FOUND MONUMENTS
SET MONUMENTS (M)
UNLESS OTHERWISE STATED
ROUND IRON BAR
STANDARD IRON BAR
CONCRETE PIN
CUT ROCKS
COPPER
WITNESS IDENTIFICATION NUMBER
PROPORTIONED
MEASUREMENTS
STATUTE GEOMETRICS LTD.
OBSERVED REFERENCE POINT
PLAN 27M-88

DEPOTES

OBSEVED REFERENCE POINTS DERIVED FROM THE CANMET VRS NETWORK GPS ON THE 15TH OF APRIL 2019. COORDINATES TO UTM ZONE 18 Q UG (Easting: 500342.22, Northing: 5307352.76).
OR BEARINGS SHOWN ON THIS PLAN.

OWNER'S CERTIFICATE ALL OF PIN 05297-0328

THIS IS TO CERTIFY THAT:

1. LOTS 1 TO 23, BOTH INCLUSIVE, LOTS 41 TO 48, BOTH INCLUSIVE, BLOCKS 24 TO 40, BOTH INCLUSIVE, BLOCKS 49 TO 72, BOTH INCLUSIVE, THE STREETS AND PORTIONS OF ROADS WIDENING MARKET BLOCK 73, AND RESERVE MARKET BLOCK 74, HAVE BEEN Laid OUT IN ACCORDANCE WITH OUR INSTRUCTIONS.

2. THE STREETS AND STREET MORTGAGES ARE HEREBY DEDICATED TO THE MUNICIPALITY OF MISSISSIPPI MILLS FOR PUBLIC HIGHWAYS.

DATE: March 19, 2019

SECRETARY: HOICHIAMI HOLDINGS INC
BALAJI HOICHIAMI

SURVEYOR'S CERTIFICATE

I, THE SURVEYOR, AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEY ACT AND THE REGULATIONS MADE UNDER THEREAFTER.

THE SURVEY WAS COMPLETED ON THE 22ND DAY OF FEBRUARY, 2019.

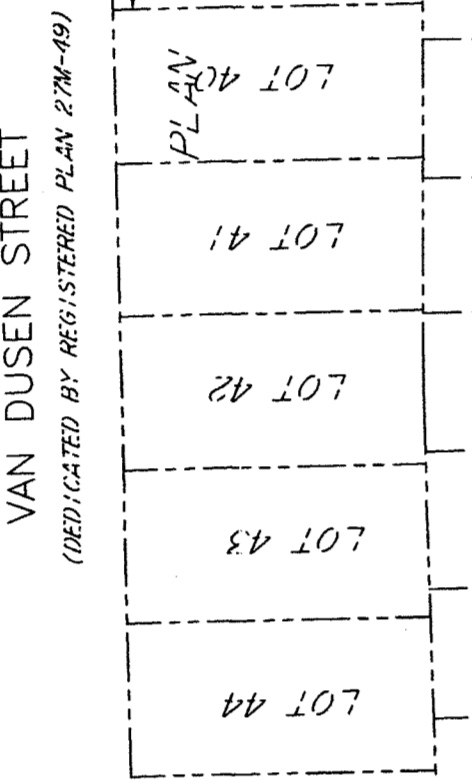
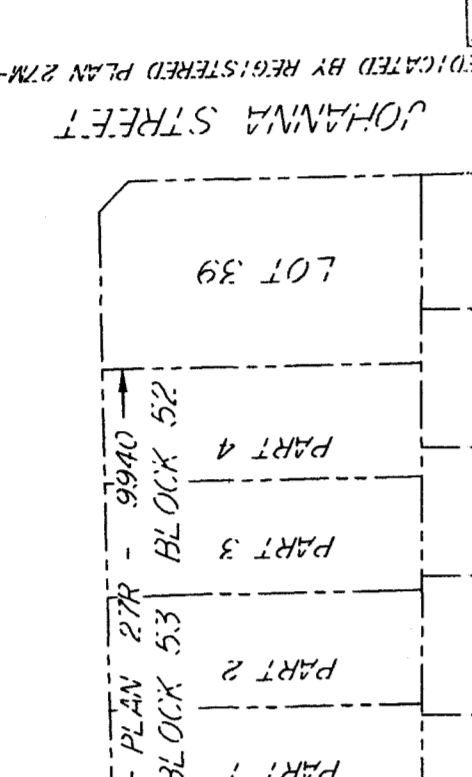
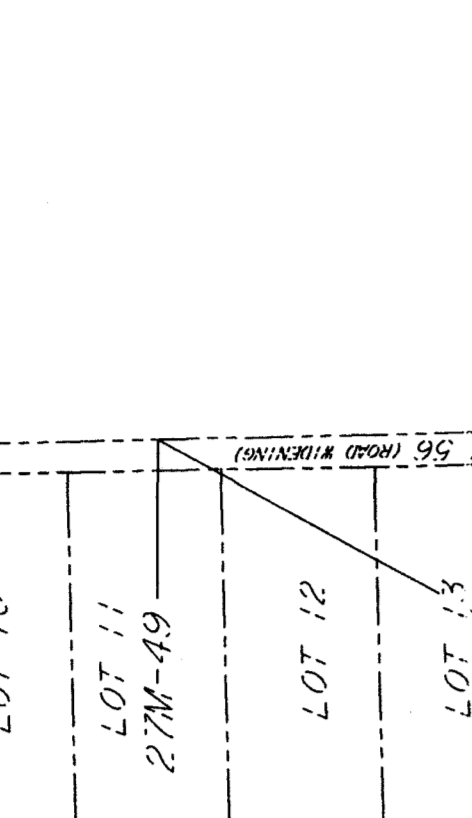
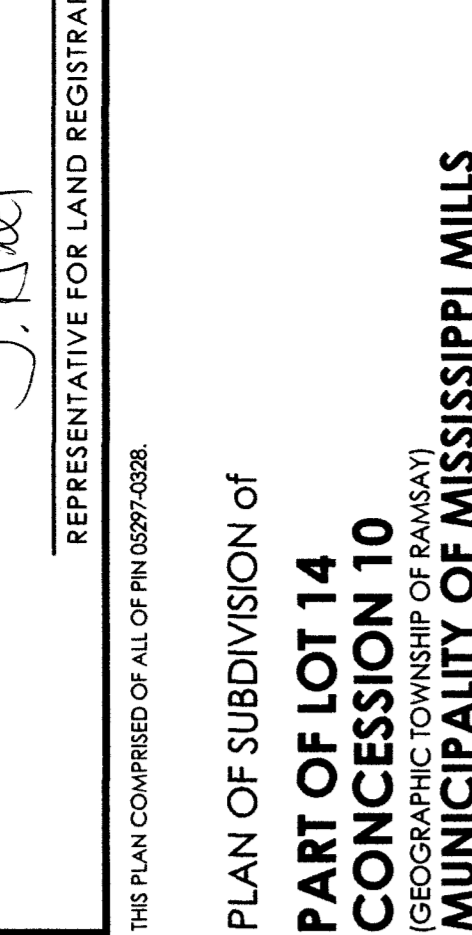
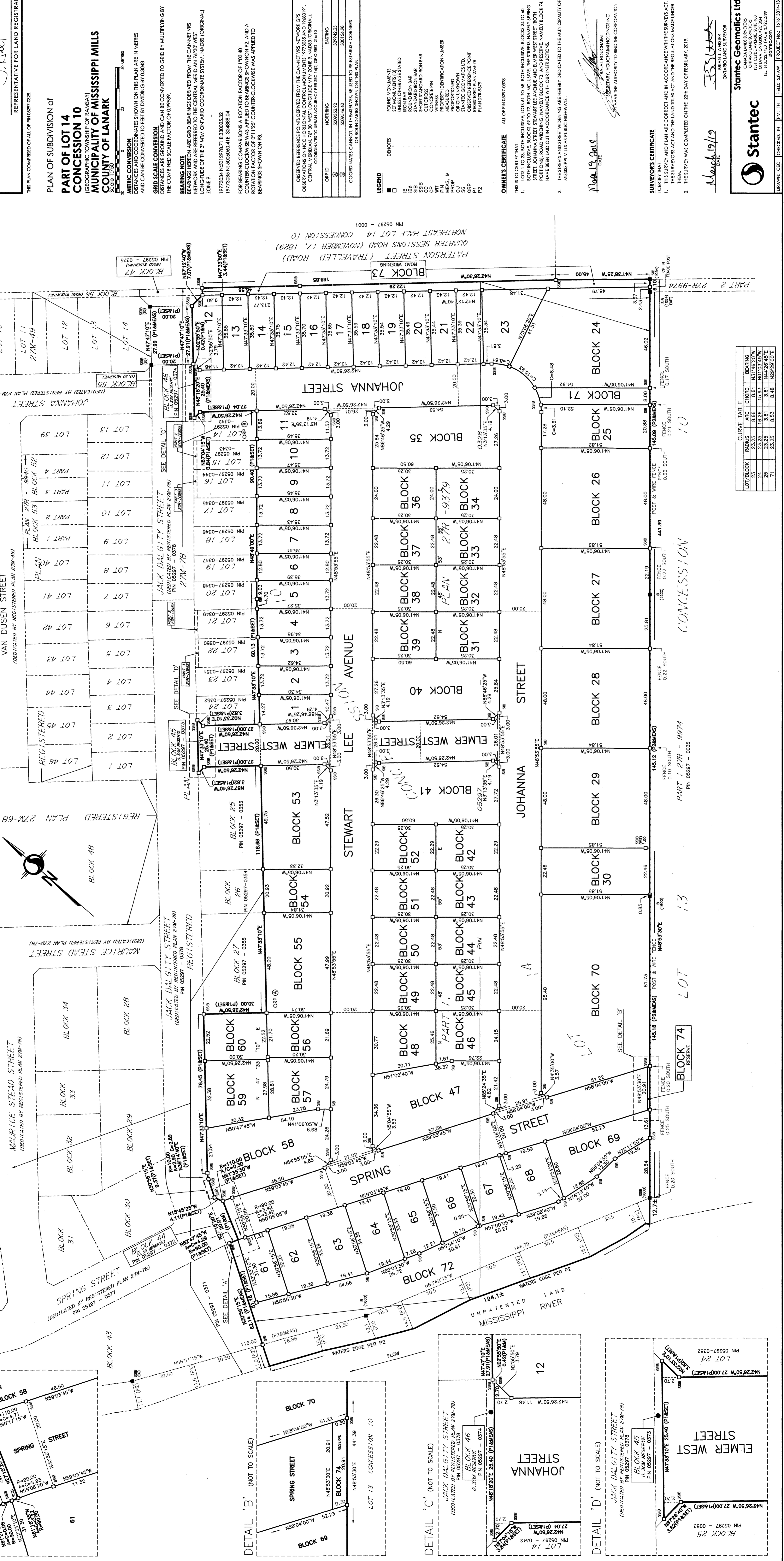
Stantec Geomatics Ltd.
1331 CLIVE AVENUE SUITE 400
MISSISSAUGA, ONTARIO L4X 1L7
TEL: 416.732.4400 FAX: 416.732.7799
stantec.com

DATE: March 19, 2019

BRANDI WEBSTER
ONTARIO LAND SURVEYOR

Stantec

PROJECT NO.: 16161814-132
CHECKED: TH
DATE: 03/19/19
FIELD: S.J.A.W.



CURVE TABLE

LOT/BLOCK	RADIUS	ARC	CHORD	BEARING
23	23.25	8.66	8.61	N174°25'20"W
24	23.25	8.66	8.61	N174°25'20"W
25	23.25	8.66	8.61	N174°25'20"W
26	23.25	8.66	8.61	N174°25'20"W
27	23.25	8.66	8.61	N174°25'20"W
71	23.25	8.65	8.48	N37°29'00"E

LEGEND

FOUND MONUMENTS
SET MONUMENTS (M)
UNLESS OTHERWISE STATED
ROUND IRON BAR
STANDARD IRON BAR
CONCRETE PIN
CUT ROCKS
COPPER
WITNESS IDENTIFICATION NUMBER
PROPORTIONED
MEASUREMENTS
STATUTE GEOMETRICS LTD.
OBSERVED REFERENCE POINT
PLAN 27M-88

DEPOTES

OWNER'S CERTIFICATE ALL OF PIN 05297-0328

THIS IS TO CERTIFY THAT:

1. LOTS 1 TO 23, BOTH INCLUSIVE, LOTS 41 TO 48, BOTH INCLUSIVE, BLOCKS 24 TO 40, BOTH INCLUSIVE, BLOCKS 49 TO 72, BOTH INCLUSIVE, THE STREETS AND PORTIONS OF ROADS WIDENING MARKET BLOCK 73, AND RESERVE MARKET BLOCK 74, HAVE BEEN Laid OUT IN ACCORDANCE WITH OUR INSTRUCTIONS.

2. THE STREETS AND STREET MORTGAGES ARE HEREBY DEDICATED TO THE MUNICIPALITY OF MISSISSIPPI MILLS FOR PUBLIC HIGHWAYS.

DATE: March 19, 2019

SECRETARY: HOICHIAMI HOLDINGS INC
BALAJI HOICHIAMI

SURVEYOR'S CERTIFICATE

I, THE SURVEYOR, AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEY ACT AND THE REGULATIONS MADE UNDER THEREAFTER.

THE SURVEY WAS COMPLETED ON THE 22ND DAY OF FEBRUARY, 2019.

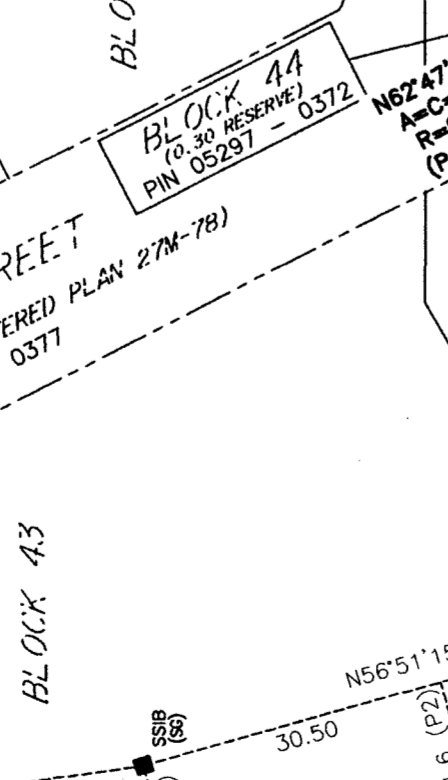
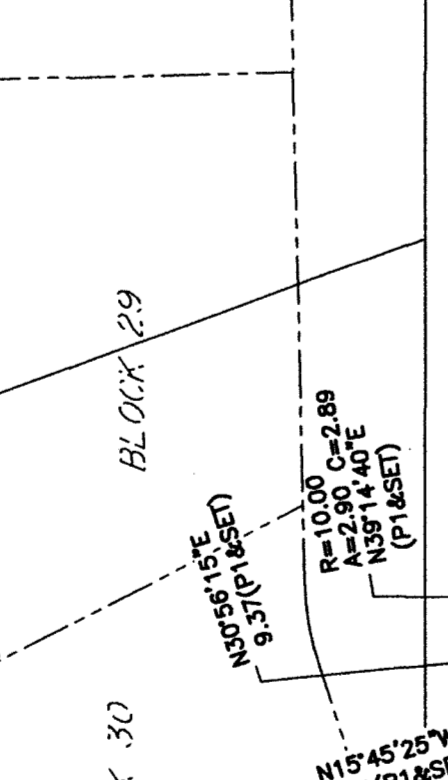
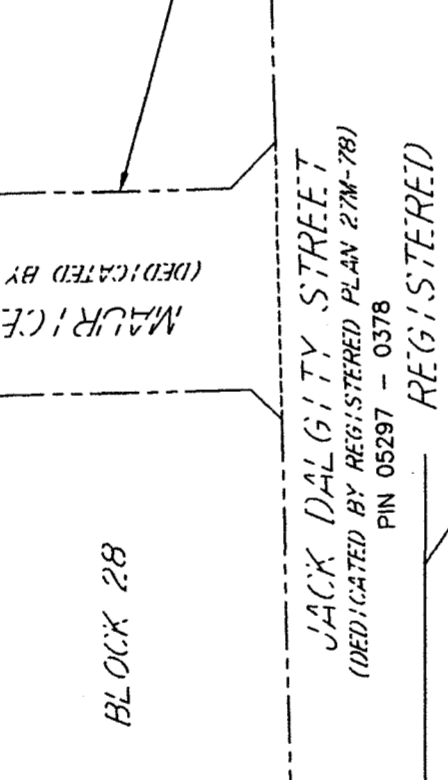
Stantec Geomatics Ltd.
1331 CLIVE AVENUE SUITE 400
MISSISSAUGA, ONTARIO L4X 1L7
TEL: 416.732.4400 FAX: 416.732.7799
stantec.com

DATE: March 19, 2019

BRANDI WEBSTER
ONTARIO LAND SURVEYOR

Stantec

PROJECT NO.: 16161814-132
CHECKED: TH
DATE: 03/19/19
FIELD: S.J.A.W.



MEDIA RELEASE

For immediate release

Nov. 22, 2023

Here are the highlights from the Lanark County Council meeting held Nov. 22, 2023.

2024 Budget Approved: The 2024 Lanark County budget – themed “Bridging the Gap” – was approved with an overall budget increase of 5.1 per cent. After an estimated assessment growth of 2.2 per cent, the tax increase is reduced to 2.9 per cent.

The county will collect \$43 million from property taxpayers this year, up from \$40.9 million last year. Estimated gross expenditures are \$121 million. “A common theme among all departments was the impact of inflation on wages, contractual services and capital projects,” said CAO Kurt Greaves. “With the challenge of staff recruitment and retention, maintaining service levels and capital investment, the net levy increase is below current inflation rates of 3.8 per cent in September 2023.”

At the special budget meeting held Nov. 17, Greaves outlined competing interests that must be considered, including expected service levels, infrastructure deficit, fiscal imbalance from downloaded services without adequate funding (ambulance, social services, roads and farm and forest rebates), and the goal of maintaining low tax rates.

Some highlights in the 2024 budget include:

- Long-term Care: Industry-wide labour shortages continue to affect Lanark Lodge, along with increasingly higher levels of care needed and significant inflation pressures. There has been a positive decrease in supplies related to COVID protocols.
- Public Works: \$3.85 million for Blakeney Bridge rehabilitation was funded from reserves, and 29 km of rehabilitation projects and 17 km of pavement preservation planned. Inflation and continued increases in insurance premiums are creating pressure. The Climate Action Plan has dedicated \$200,000 for implementation activities, including the Better Homes program.
- Social Services: The Ontario Works Employment Services Transformation is being phased in and includes an upload to province but reduced funding, despite an increased caseload. An additional 28 rent-gear-to-income units are planned through Carebridge, and Children’s Services continued implementation of \$10-per-day child care.
- Emergency Services: There is continued commitment to local hospitals (\$380,000); replacement of 23 defibrillators for the paramedic service and fire dispatch enhancements of \$430,000.
- Economic Development: There is a dedicated recruitment and settlement officer position and marketing plan (\$150,000 – grant and shared costs with Renfrew County); \$125,000 for capital trail improvements; \$30,000 to finalize agreement for K&P Trail; \$120,000 for official plan update; and the tourism rebranding project continuation.
- Administration and other non-departmental: There is an increase in investment revenues, funds earmarked for council-directed community grants, a provincial gas tax grant increase of \$100,000, \$90,000 in accessibility funding for Lanark Transportation Association and \$60,000 for compensation review.

MEDIA RELEASE

“The 2024 budget aims to ‘bridge the gap’ between inflationary pressures and maintaining service levels at reasonable tax rates, in conjunction with addressing the key priorities identified by council for the 2023-2026 remaining term,” Greaves said.

The public works budget represents 37 per cent of the county levy, followed by emergency services at 22 per cent, social services and housing at 19 and long-term care at 11. Administration/non-departmental and economic development make up the remainder.

Greaves noted that to meet asset replacement costs, \$15.4 million needs to be invested annually into capital. The 2024 budget includes \$15.6 million for capital investment. The county’s debt related to Lanark County Housing Corporation taking over two non-profit housing providers continues to decline and the loan matures in 2026. “The practice has been to self-finance major projects from reserves and pay back reserves, which has the most benefit to the ratepayer,” Greaves explained. “There has been no new debt issued since 2010 and there is no new debt in the 2024 budget.”

With assessment growth at 2.2 per cent, residential ratepayers with a property assessed at \$500,000 can expect to see an increase of \$56 on the county portion of their tax bill. The bill also includes the local municipal and the education portions. Tax rates and ratios for 2024 will be set by county council soon. For more information, contact Kurt Greaves, CAO, at 1-888-9-LANARK, ext. 1101.

Supporting Human Resources Strategies at Lanark Lodge: Lanark County Council has directed Lanark Lodge staff to explore strategies to support staffing at the long-term care home. This follows a report on the health human resource crisis presented by Long-Term Care Director Carey Duncan to the community services committee earlier this month.

Duncan said the significant lack of health human resources has been further exacerbated in the last year due to retirements, employee burn-out, greater sick time and workplace injury and a lack of people to replace them. “These issues are faced by the health care industry as a whole,” she said. “Hospitals, long-term care homes, and community agencies are all competing for the same small pool of available people.”

She said traditional recruitment efforts have not been able to fill the need, adding challenges in rural areas are magnified by lack of housing and transportation, and the use of temporary staffing agencies is not a sustainable way to fill gaps. She explained the long-term care sector is broadening the search for workers.

Duncan explained many homes are working with international recruitment agencies to bring internationally educated, full-time health-care workers from abroad. This can cost up to \$8,000 per person, and includes sourcing, screening, language testing, application for work permit or visa, and more. The employer is responsible for helping to ensure there is reasonable accommodation for the worker. “Given the limited housing currently available in Lanark County, this could be a barrier,” she said, adding the Lodge is investigating options such as renovating space currently rented to an agency to create temporary staff accommodations.

“At this time, up to 15 Internationally Educated Healthcare Workers are required and, while the cost of
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bringing them to the Lodge is not insignificant, the investment means more sustainable, longer-term employees,” she said.

Council also approved the inclusion of \$200,000 in the 2024 budget for conversion costs for the space if required. Details on the initiative will be brought back to council for consideration. For more information, contact Carey Duncan, Director of Long-Term Care, at 1-888-9-LANARK, ext. 7101.

Issuing Affordable Housing RFP: Lanark County Council has asked staff to issue a request for proposals for one-time capital funding of \$1.5 million to be coupled with funding from other partners to build, own and operate affordable housing units in Lanark County or the Town of Smiths Falls.

Director of Social Services Emily Hollington explained the community services committee expressed an interest in receiving affordable housing development incentive options from staff. Recommendations are provided in the county’s “Municipal Tools to Support Affordable Housing” report from March 2023 to guide the county, local municipalities and Smiths Falls on ways to encourage development of housing that is affordable to low- and moderate-income households.

Hollington said the one-time capital grant would be taken from reserves and be used for capital costs to construct affordable rental units, up to \$150,000 per unit. The proponent would construct, own and operate an apartment building dedicating a specified number of units to affordable housing over an extended period, such as 25 years. Rent would be charged at, or less than, affordable rates (defined at \$982 per month) and only increase as per the allowable annual rental guidelines.

“There would be a high preference for proponents able to deliver more deeply affordable rent or who have a willingness to house directly from the By-Name List of homeless clients,” Hollington said. There would also be preference for projects that leverage other capital funds dedicated to affordable housing, have enhanced accessibility features and contain one-bedroom units. The preference is for non-profit organizations, but the program would also be available to for-profit businesses.

The RFP will include additional incentives, such as grants in lieu of county development charges and county property taxes for the affordable units for the duration of the affordability period. These would be offered as operating grants. Following selection of the successful proponent, the identified local municipality would be encouraged to offer such incentives. Staff have also been asked to provide a draft ongoing affordable rental housing incentive program. For more information, contact Emily Hollington, Director of Social Services, at 1-888-9-LANARK, ext. 2101.

CMHC Funding to Support Maintenance: Lanark County Council has accepted the terms of the National Housing Co-Investment Fund (NHCF) and authorized staff to enter into an agreement with Canada Mortgage and Housing Corporation (CMHC) for \$4.97 million to support the repair and renewal of units in the Lanark County Housing Corporation (LCHC) portfolio over three years from 2024 to 2026.

At the community services committee meeting earlier this month, Director of Social Services Emily Hollington explained CMHC has extended the offer to the county to complete necessary repairs to extend the life of its housing stock through this fund. “Like Lanark County, CMHC is committed to preserving existing affordable housing stock and housing the most vulnerable. CMHC seeks to build

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upon existing funding frameworks to make further progress on this goal.”

The funding is a 70/30 municipal/federal split and LCHC’s share would be about \$3.4 million. Conditions include offering 30 per cent of units below 80 per cent median market rent for 20 years, showing a 25-per cent minimum portfolio energy consumption and greenhouse gas reduction relative to past or pre-repair levels, and 20 per cent of units must meet or exceed provincial accessibility standards.

The funding offer supports LCHC’s 10-year capital plan and includes work that has been budgeted for each year. Hollington indicated the terms and conditions are achievable. For more information, contact Emily Hollington, Director of Social Services, at 1-888-9-LANARK, ext. 2101.

Changes to Children’s Services Operating Funds: Lanark County Council has approved a revision in the Children’s Services general operating funding policy as of Jan 1, 2024 that would address some challenges faced by child-care providers.

At the community services committee meeting earlier this month, Director of Social Services Emily Hollington explained the operating funding is used to support the cost of operating licensed child-care programs, reduce child-care fees, stabilize service levels and improve access to high-quality affordable child-care services. It can be used for wages, benefits, resources, nutrition, supplies, maintenance, administration, utilities, lease and occupancy costs.

Hollington said since the implementation of the Canada-Wide Early Learning and Child Care (CWELCC) system in 2022, many challenges have arisen for licensed child care. One issue is child-care rates have been frozen at March 2022 levels. Despite pressure from inflation, centres have limited ability to increase their revenue. Hollington said four centres in the county have been operating in deficit positions. A second issue is retaining and recruiting employees. She said some providers have very low frozen child-care rates coupled with very low employee wages and no financial availability to increase pay rates to attract and retain skilled staff.

Staff recommended creating an operating deficit and wage improvement fund be established at the beginning of each year, with the county’s full Early Learning and Child Care allocation dedicated to this. The county’s allocation in 2023 was \$595,524. The fund may be used when exceptional circumstances result in child-care operations being in a deficit or financially vulnerable position, and also when staff wages for Registered Early Childhood Educators (RECE) and RECE assistants are below the Lanark County average wage as of August 2023. For more information, contact Emily Hollington, Director of Social Services, at 1-888-9-LANARK, ext. 2101.

Support for EOWC Regional Housing Plan: Lanark County Council has supported in principle the Eastern Ontario Wardens’ Caucus (EOWC) 7 in 7 Regional Housing Plan and is contributing \$36,000 towards the project.

At the corporate services committee meeting earlier this month, CAO Kurt Greaves explained affordable and attainable housing has been the number one priority of the EOWC for the last two years. Deliverables in the project include:

- Templates for funding opportunities

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- Regional marketing
- Exploration of financial aggregators to support the project
- Establishing best practices across eastern Ontario
- Developing an immigration, workforce, skills and housing strategy
- Mitigation strategies for operational risks associated with housing
- Assessment of impacts the project may have on local communities
- Development of an implementation plan and strategic integration plan for review by the end of March 2024

Greaves said these deliverables are needed for the project to move forward while providing information and resources to support housing portfolios of EOWC members. Lanark County is one of 13 upper-tier municipalities that are part of the EOWC. For more information, contact Kurt Greaves, CAO, at 1-888-9-LANARK, ext. 1101.

National Housing Day Proclaimed: Lanark County Council has declared Nov. 22, 2023 to be National Housing Day in Lanark County.

The proclamation recognizes the critical role housing plays in citizens' lives and its profound impact on overall well-being. The federal government has designated this day as a reminder of the importance of access to safe, adequate and affordable housing.

"National Housing Day recognizes the important work done by housing partners to improve access to housing for everyone in Canada," the proclamation states. "Lanark County recognizes the many partners that play an important role in providing safe and affordable housing opportunities to those in need."

For more information, contact Jasmin Ralph, Clerk, at 1-888-9-LANARK, ext. 1502.

Council Supports Funds for Transportation Study: Lanark County Council has included \$26,400 in the 2024 budget to support part of the cost of a county-wide transportation study. This follows a presentation to the community services committee earlier this month by Marilyn Bird of the Lanark Rural Transportation Working Group.

Bird said a study completed in 2016 identified challenges in the county related to a lack of transportation options. Concerns were raised that the information would now be outdated. She provided examples of relevant studies completed in other municipalities and highlighted success stories, including fixed routes to various employment centres or between local municipalities, as well as on-demand services.

Bird noted research showing rural residents tend to spend a larger percentage of their income on transportation due to longer distances and poorer roads. As well, there is a lower percentage of elderly people living in rural townships because they must move to towns due to transportation challenges. "The county may have difficulty attracting sufficient in-migrants unless there is strategic action on transit, housing and recreation." Bird added the feasibility study will help the county take advantage of other funding opportunities.

For more information, contact Jasmin Ralph, Clerk, at 1-888-9-LANARK, ext. 1502.

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Community Safety and Well-being Planning Moves Ahead: Lanark County Council received an update about an update to the Community Safety and Well-being (CSWB) Plan for Lanark County and Smiths Falls. At the community services committee meeting earlier this month, CSWB Coordinator Stephanie Gray explained the original plan was a community-driven effort led by the CSWB Advisory Committee that began in 2016. It was approved by local municipalities in early 2019, just before the province mandated municipalities to complete a plan by 2021.

CSWB plans identify priority risks in communities, strategies to mitigate them and measurable outcomes. The current plan identified 12 priority risk areas. Gray explained the data used is pre-pandemic, prompting an update. A progress report released in September highlighted a range of program creation and expanded services that have occurred since the plan was developed, as well as advocacy efforts with the province by Lanark County Council, increased collaboration and creative solutions that evolved as a result of the pandemic, and ongoing training and education for local organizations and agencies.

Gray indicated four main themes and preliminary risks have been identified as part of the plan update:

- Health (physical, mental, substance use; including access to care)
- Affordability and quality of life (income, employment, housing and homelessness, transportation, food security, climate change and environment, belonging and civic engagement)
- Violence against persons (sexual assault, domestic violence, intimate partner violence, gender-based violence, hate-motivated crime, child and elder abuse, justice system changes)
- Priority populations and diversity (children/youth, seniors/elderly, Indigenous peoples, new Canadians and immigrants, accessibility/disability)

Surveys were recently conducted for agencies and the community, and a number of focus sessions have been held, with more to come. The update work will continue into 2024. For more information, contact Jasmin Ralph, Clerk, at 1-888-9-LANARK, ext. 1502.

Upcoming Meetings: County Council, Wednesday, Dec. 6, 5 p.m.; Community Services, Dec. 6 (following County Council); Corporate Services, Dec. 6 (following Community Services). **County Council, Wednesday, Dec. 13, 5 p.m.;** Public Works, Dec. 13 (following County Council); Economic Development, Dec. 13 (following Public Works). Watch for details about public access to meetings on agendas and through online notifications. For more information, contact 1-888-9-LANARK, ext. 1502. Like "LanarkCounty1" on Facebook and follow "@LanarkCounty1" on X!

LANARK COUNTY

November 21, 2023

Re: Traffic Advisory Working Group

Hello Municipal Clerk,

This letter is to request your participation in the new Traffic Advisory Working Group established at the County of Lanark.

The Traffic Advisory Working Group was formed to address traffic related safety concerns on County roads and to obtain feedback on activities such as; suggested speed reductions, community safety zones and other speed management practices on a case by case basis.

The County is seeking one municipal Council representative from each municipality in the County. Meetings will take place once per quarter. Please find the Terms of Reference attached.

Please inform myself at jralph@lanarkcounty.ca by January 10th, 2024 of your chosen representative.

Thank you,



Jasmin Ralph
County Clerk



TRAFFIC ADVISORY WORKING GROUP

TERMS OF REFERENCE

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MISSION STATEMENT

The Traffic Advisory Working Group will help streamline the process of assessing issues of speeding and other safety concerns on County Roads. The group aims to keep all relevant parties informed and allow for collaboration in decision making and implementation of speed reduction and speed management strategies.

DEFINITIONS

Working Group – any group established by Council which has either a continuous existence or which goes out of existence as soon as the specified task is completed. The membership of the group shall be comprised of staff, County Council Members and lay members when necessary. The membership of a working group shall consist of less than 50% County Council and/or Local Board Members (a minimum of 2 members of Council). (Lanark County Draft Procedural By-Law).

Speed management – the act of influencing drivers to adopt speeds that offer mobility without unduly compromising safety. It includes a wide variety of techniques (including traffic calming) to maximize compliance with properly set speed limits. Used effectively, speed management can reduce incidences of motorists driving too fast for conditions.

Lanark County Speed Management Policy (SMP) – policy that lays out the process to initiate, review, install, monitor, and assess speed management measures on County Roads in an equitable and consistent manner. The policy describes the steps and process for responding to resident traffic safety concerns. This includes the use of Community Safety Zones, speed limit changes, and traffic calming measures. The policy sets out a step-by-step process to evaluate appropriate speed management measures specific to Lanark County. The policy also provides a list of traffic calming measures that could be used by the County.

Traffic calming – a set of measures used to “calm” traffic. The goal is to create safer streets for all users. This includes pedestrians, people who use mobility devices, cyclists, and motorists. Used effectively, traffic calming measures can reduce speeds, limit cut-through traffic, and discourage poor driving habits, such as distracted or aggressive driving.

PURPOSE AND MANDATE

The Traffic Advisory Working Group (TAWG) was formed to permit the Lanark County Public Works department to bring forth traffic related concerns to the lower tier municipalities and the OPP to obtain feedback on; suggested speed reductions, Community Safety Zones, and recommended speed management and/or traffic calming measures on a case-by-case basis.

The TAWG will also aid in the development of education and/or enforcement programs aimed at improving compliance with existing laws that can have a positive influence on road safety outcomes.

The results of the working group discussions will form part of the speed management review process that will be brought forward to the Public Works Committee of Lanark County Council as required on a case-by-case basis.

WORKING GROUP STRUCTURE

Members:

- Lanark County Public Works staff
- Council Representative(s) from each of the lower tier municipalities
- Representative(s) from the Lanark County OPP
- Representative(s) from the Leeds, Grenville, and Lanark District Health Unit, the Ministry of Transportation, and other emergency service providers (i.e., fire and ambulance) may also be invited to participate.

MEETINGS

The Traffic Advisory Working Group (TAWG) will be a permanent body and will meet on a quarterly basis.

Meeting agendas will be prepared by Lanark County Public Works staff and circulated electronically to all Working Group Members prior to the meeting. Lanark County Public Works staff will chair each meeting and record minutes, which will include a summary of action items and recommendations that shall be circulated electronically to all Working Group Members.

REPORTING PROCESS

Action Items or recommendations stemming from the working group shall be referred to the respective Committee of the Whole in the form of a Staff Report.



COUNCIL CALENDAR

December 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 6PM Council 7PM COW	6	7 4PM Accessibility Advisory Committee	8	9
10	11	12 6PM Council 7PM COW	13 1:30PM Library	14	15	16
17	18 6PM Committee of Adjustment	19	20 3PM Heritage	21	22	23
24	25	26	27	28	29	30
31						



Mississippi
Mills

COUNCIL CALENDAR

January 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 [Redacted]	2	3	4	5	6
7	8	9 Tentative: 4PM Special COW	10 County	11	12	13
14	15	16 6PM Council 7PM COW	17	18	19	20
21 ROMA	22 ROMA	23 ROMA	24 County	25	26	27
28	28	30 6PM Council 7PM COW	31			