



The Corporation of the Town of Tecumseh

Public Works & Engineering Services

To: Mayor and Members of Council

From: Phil Bartnik, Director Public Works & Engineering Services

Date to Council: January 28, 2025

Report Number: PWES-2025-04

Subject: Sylvestre Sanitary Pump Station: Emergency Backup Generator

Recommendations

It is recommended:

That Report PWES-2025-04 entitled “Sylvestre Sanitary Pump Station: Emergency Backup Generator” **be received;**

And that funding allocations, reflecting a total budget requirement of \$263,305 with an overall \$123,305 increase to the original allocation, **be approved and funded** from the Wastewater Facilities Reserve Fund.

Background

At the February 13, 2024, Regular Council Meeting, Council approved the recommendations within Report [PWES-2024-07](#) titled “2024-2028 Public Works & Engineering Services Five-year Capital Works Plan” that authorized Administration to proceed with the 2024 Pump Station improvements which included a new electrical panel at the Sylvestre Drive Sanitary Pump Station.

The Ontario Clean Water agency (OCWA) is the Overall Responsible Operator (ORO) for the Town of Tecumseh, and it is the responsible party to coordinate and undertake the upgrades to the sanitary collection system, specifically the wastewater facilities. Administration has been coordinating the new electrical panel with OCWA for the Sylvestre Drive Sanitary Pump Station.

Comments

As the design of the new electrical panel commenced, both Administration and OCWA discussed the opportunity to provide an emergency backup generator at the pump station and for the new electrical panel to accommodate its installation. Administration also acknowledged that with new hotel being constructed off Sylvestre Drive and continued development within the pump station service area, the installation of a generator is recommended.

OCWA, acting as the Town's Overall Responsible Operator, and having full operational control over the Town's Sanitary Pump Stations and currently leading the design and installation of new electrical panels and controls, will manage the procurement activities required following OCWA procurement guidelines, which comply with all provincial and federal procurement guidelines.

OCWA has provided a quote for work to be completed which also includes the installation of the emergency backup generator. The quote of \$118,750 excluding HST is for an 80KW pad mounted generator, including electrical connections and concrete pad. The quoted cost also includes alterations to the electrical panel, a brand new ATS and 3KVA 120-volt transformer to feed power to the generators block heater and battery charger.

It should be noted that in discussions with OCWA and its suppliers, a generator may take up to 26 weeks for delivery to the site. The electrical panel work is slated to take place in spring of 2025, a carryover from the 2024 Capital Works plan. This delay is due to Hydro One approvals required before design and fabrication of the new panel could begin. It is anticipated that the panel will be installed, and the generator installation will follow upon delivery.

Consultations

Financial Services
Ontario Clean Water Agency

Financial Implications

Council Report PWES-2024-07 approved a budget allocation of \$140,000 for the installation of a new electrical panel. A summary of project costs with the addition of the emergency backup generator is as follows:

Item	Amount
PS Electrical Panel	\$140,000
PS Emergency Backup Generator	\$118,750
Non-Rebated HST (1.76%)	\$4,555
Subtotal	\$263,305
Approved Project Budget	\$140,000
Project Deficit	\$123,305

Link to Strategic Priorities

Applicable	2023-2026 Strategic Priorities
<input checked="" type="checkbox"/>	Sustainable Growth: Achieve prosperity and a livable community through sustainable growth.
<input type="checkbox"/>	Community Health and Inclusion: Integrate community health and inclusion into our places and spaces and everything we do.
<input type="checkbox"/>	Service Experience: Enhance the experience of Team Tecumseh and our citizens through responsive and respectful service.

Communications

Not applicable

Website Social Media News Release Local Newspaper

This report has been reviewed by Senior Administration as indicated below and recommended for submission by the Chief Administrative Officer.

Prepared by:

Dana Reid
Public Works & Engineering Services Assistant

Reviewed by:

Kirby McArdle, P.Eng.
Manager Public Works & Transportation

Reviewed by:

Tom Kitsos, CPA, CMA, BComm
Director Financial Services & Chief Financial Officer

Reviewed by:

Phil Bartnik, P.Eng.
Director Public Works & Engineering Services

Recommended by:

Margaret Misek-Evans, MCIP, RPP
Chief Administrative Officer

Attachment Number	Attachment Name
None	None