



Council Report

Report Number: ENG2024-024

Meeting Date: August 27, 2024

Title: **Highway 7 Sewage Pumping Station Environmental Assessment (EA) Completion**

Description: The results of the EA study for the new Highway 7 Sewage Pumping Station that are documented in the Environmental Study Report (ESR) is presented here for council endorsement.

Author and Title: Marten Leclerc, Senior Engineering Technician

Recommendation(s):

That Report ENG2024-024, **Highway 7 Sewage Pumping Station Environmental Assessment (EA) Completion**, be received;

That Council support the preferred solution of constructing a new Sewage Pumping Station and associated force main within the proposed block of the Gateway Subdivision to service new development of the Gateway Subdivision and the adjacent properties identified; and

That Staff be authorized to file the Environmental Study Report (ESR) for the legislated 30-day comment period.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

**Highway 7 Sewage Pumping Station Environmental Assessment (EA)
Completion****Background:**

At the Council Meeting of December 12, 2023 Council adopted the following resolution which enabled Staff to retain the Greer Galloway Group and to proceed with the Schedule B Municipal Class Environmental Assessment (EA) study:

PUR2023-034

That Report PUR2023-034, 2023-107-CP EA and Design for New Highway 7 Sewage Pumping Station and Force Main, be received;

That The Greer Galloway Group Inc. be awarded Request for Proposal 2023-107-CP EA and Design for New Highway 7 Sewage Pumping Station and Force Main for the amount of \$203,741.00 (not including HST);

That the deficit of \$156,310 required to complete the project comes from the Sewage DC Reserve (3.24140);

That subject to receipt of the required documents, the Director of Engineering and Corporate Assets be authorized to execute the agreement, and;

That the Engineering and Corporate Assets Department be authorized to issue a purchase order.

Carried

As part of the review of area-specific Development Charge (DC) By-law (2019-184), a water and wastewater servicing analysis for the southeast development area in Lindsay was completed by AECOM in 2013. The study identified the need of a new Sewage Pumping Station (SPS) near the intersection of Highway 7 and Lindsay Street South, referred to as "Hwy 7 SPS", along with other linear infrastructure improvements to facilitate the growth of the southeast development area. This new SPS will primarily service the proposed development known as the "Gateway Subdivision." Design of the linear infrastructure including water mains and gravity sewers that are required to connect these lands to full municipal servicing are outside of the scope of this project and are contained within a separate project within the 2024 Capital Budget.

On February 6, 2024, the City issued a Notice of Commencement for the initiation of the Class Environmental Assessment (EA) for the Highway 7 SPS which was posted on the City website. Staff conducted a Public Information Center (PIC) meeting on May 22, 2024. No concerns were raised with the preferred alternative during the PIC.

The ESR which documents the results of the EA study is complete and ready for Council endorsement. A summary of Public, Regulatory, and First Nations consultations is

Highway 7 Sewage Pumping Station Environmental Assessment (EA) Completion

Page 3 of 5

contained within the ESR. Once received, the consultant for this project will be directed to issue Notice of Completion for publication on the City website and file the EA for the mandatory 30-day evaluation period. The ESR report is available at the Clerk's office for review.

Subject to Council endorsement, Staff will initiate the Environmental Compliance Approval process and detailed design of the SPS and associated force main which has already been budgeted for, and awarded to the Greer Galloway Group through report **PUR2023-034**. The budget for construction will be requested within the 2025 Capital Budget.

Rationale:

The purpose of the recommended construction of a new SPS to service the South East area is to accommodate the future residential, institutional, and commercial growth identified on these lands. Three alternatives to resolve performance issues were analysed from a technical perspective as well as assessing the potential impacts on the natural, cultural, social and economic environments. The construction of a new SPS was selected as the preferred alternative.

The new system will extend the sewage collection system within the Lindsay Settlement Area and provide the necessary services required to enable growth. Due to the elevations of the lands that this SPS is intended to service, strictly gravity sewer connection to the existing wastewater collection system is not a feasible alternative rendering the construction of a new SPS the preferred solution to service this area.

Other Alternatives Considered:

The Greer Galloway Group has evaluated all relevant alternatives and has determined the preferred alternative within the confines of the EA process. The alternatives to the preferred solution considered as part of this process were "Do Nothing" which is not a sustainable option as it would not allow for the directed and project growth to occur, "Gravity Sewer System for New Development" which due to the elevations of the lands that this SPS is intended to service, strictly gravity sewer connection to the existing wastewater collection system is not a practical alternative.

No other alternatives have been considered outside of this process.

Alignment to Strategic Priorities

This report aligns with the strategic prorates of:

1. Healthy Environment

**Highway 7 Sewage Pumping Station Environmental Assessment (EA)
Completion**

Through accommodating growth in a manner that allows for a reduced environmental impact;

2. A Vibrant and Growing Economy

Through allowing residential and commercial growth opportunities to occur, creating housing, jobs, and places to shop;

3. Good Government

Through allowing a responsible and practical extension of the Lindsay wastewater collections system and providing municipal services to residents and businesses.

Financial/Operation Impacts:

This report has no financial implications. The detailed design and permitting process has already been budgeted for and award through Report **PUR2023-034**. The eventual construction of the preferred alternative will commence if Council approves the construction budget within the 2025 Capital Budget. Procurement would then proceed in accordance with the purchasing policy requirements.

The estimated construction cost of the preferred solution is approximately \$3,500,000.00 which will be funded 100% through development charges.

Servicing Implications:

The recommendations associated with this report will sufficiently address the existing need to expand the Lindsay wastewater collection system to service new development and enhance performance and efficiency of the system. The upgrades will also provide sufficient capacity for growth.

Consultations:

Supervisor, Environmental Capital Project Management

Executive Assistant – Engineering and Corporate Assets

Consultant, the Greer Galloway Group Inc., Belleville, ON.

Attachments:

Appendix A –ESR Highway 7 SPS

**Highway 7 Sewage Pumping Station Environmental Assessment (EA)
Completion**



REDUCED CKL Hwy 7
SPS - Project File Rep

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Department Head: Juan Rojas – Director, Engineering and Corporate Assets