

**City of North Bay
Report to Council**

Report No: IO-2025-002

Date: January 17, 2025

Originator: Adam Lacombe

Business Unit:
Infrastructure and Operations

Department:
Engineering

Subject: Premier Sanitary Pumping Station Replacement Site Selection

Closed Session: yes no

Recommendation

That Council refer Report to Council IO-2025-002 dated January 17, 2025 from Adam Lacombe to the Infrastructure and Operations Committee.

Background

In consideration of a public presentation on the selected location for the replacement of the Premier Sewage Pumping Station (SPS), Council requested a report discussing the chosen site.

The Premier Road SPS, at the end of its useful life, requires full replacement. A Municipal Class Environmental Assessment (EA) was conducted in-house from 2021 to 2024, evaluating various alternatives and sites. A contract for engineering services will be issued in winter 2025 for detailed design and construction assistance.

The EA process adhered to the Municipal Engineers Association's guidelines, including issuing a Commencement Notice on March 5, 2021, and holding two Public Information Centers. Initially, Option C was preferred, but due to land acquisition issues, Option D was developed and presented. The Notice of Completion was issued on August 26, 2024, and the EA was finalized on October 5, 2024.

Four alternatives were considered:

1. Do Nothing.
2. Reduce Infiltration.
3. Upgrade/Retrofit Existing SPS.

4. New SPS on a New Site.

Alternative 4 was selected for its low environmental and socio-economic impacts and its potential to improve the Premier Road neighborhood.

Four locations for Alternative 4 were evaluated:

- A. Unopened Archibald Street right-of-way at Premier Road.
- B. Unopened Rheaume Street right-of-way at Premier Road.
- C. Private property at the southeast corner of Premier Road and Lakeshore Drive.
- D. City-owned traffic island at the southwest corner of Premier Road and Lakeshore Drive.

Options A and B were not preferred due to infrastructure relocation and constructability. Option C was eliminated due to land acquisition difficulties, leaving Option D as the preferred site.

The new SPS will align with designs used for the recently reconstructed Gertrude and Wallace SPS's, with adjustments for the selected site. Option D involves constructing the SPS on a reconfigured island at Lakeshore Drive and Premier Road, with additional protective measures and utility relocations.

The EA process included informing government agencies, stakeholders, and the public on multiple occasions. No responses or comments were received.

Financial/Legal Implications

Design and construction costs will be contingent upon confirmation of the site selection for the SPS.

Corporate Strategic Plan

- Natural North and Near
- Economic Prosperity
- Affordable Balanced Growth
- Spirited Safe Community
- Responsible and Responsive Government

Specific Objectives

- Maintain infrastructure across the city in a good state of repair
- Develop a practice of communications and engagement that ensures that residents are aware and understand what City Hall is doing

Options Analysis

Option 1: That Report to Council IO-2025-002 dated January 17, 2025 from Adam Lacombe be referred to the Infrastructure and Operations Committee.

This option is recommended.

Option 2: Do not refer the Report. This option is not recommended because the SPS is at the end of its useful life and a final site selection is required to ensure timely replacement.

Recommended Option

That Council refer Report to Council IO-2025-002 dated January 17, 2025, from Adam Lacombe to the Infrastructure and Operations Committee.

Respectfully submitted,

Name: Adam Lacombe, P.Eng.

Title: Senior Capital Program Engineer

I concur with this report and recommendation

Name: Alan Korell, P.Eng.

Title: City Engineer – Infrastructure and Operations

Name: John Severino, P.Eng., MBA

Title: Chief Administrative Officer

Personnel designated for continuance:

Name: Adam Lacombe, P.Eng.

Title: Senior Capital Program Engineer