

Richmond Sewage Pump Station Rehabilitation and Capacity Upgrades

Contract No. CP000428



Online Public Information Session
March 15, 2023

Land Acknowledgment

We recognize that Ottawa is located on unceded territory of the Anishinabe Algonquin Nation.

We extend our respect to all First Nations, Inuit and Métis peoples for their valuable past and present contributions to this land.

We also recognize and respect the cultural diversity that First Nations, Inuit and Métis people bring to the City of Ottawa.

Welcome

Welcome to the Online Public Information Session for the Richmond Sewage Pump Station Rehabilitation and Capacity Upgrades project.

The purpose of this Online Public Information Session is to inform residents of the ongoing construction activities, schedule, and neighbourhood impacts.

Please feel free to circulate, review the information presented, discuss issues with the City and the design team, and to provide your comments.

The City has a proactive communications approach. The project team will update you on the project using different methods to communicate including letters and posting information on ottawa.ca.

Please review the information presented and provide your comments by phone or email, as noted on the last presentation board, **by March 29, 2023.**

Project Background

The purpose of the project is to increase the capacity of the existing pump station (PS), replace aging equipment, and to improve reliability and maintainability.

The station was built in 1983 and serves the Richmond and Munster community. It discharges over 13km away at Eagleson Road and Hazeldean Road.

Upgrade work will be largely confined to the existing PS site with some work in on the road right of ways.



Why this Project is Important?

Adds pumping capacity:

- Allows for new development
- Increases protection of the Jock River from sanitary overflows
- Improves operational flexibility

Increases reliability of the facility:

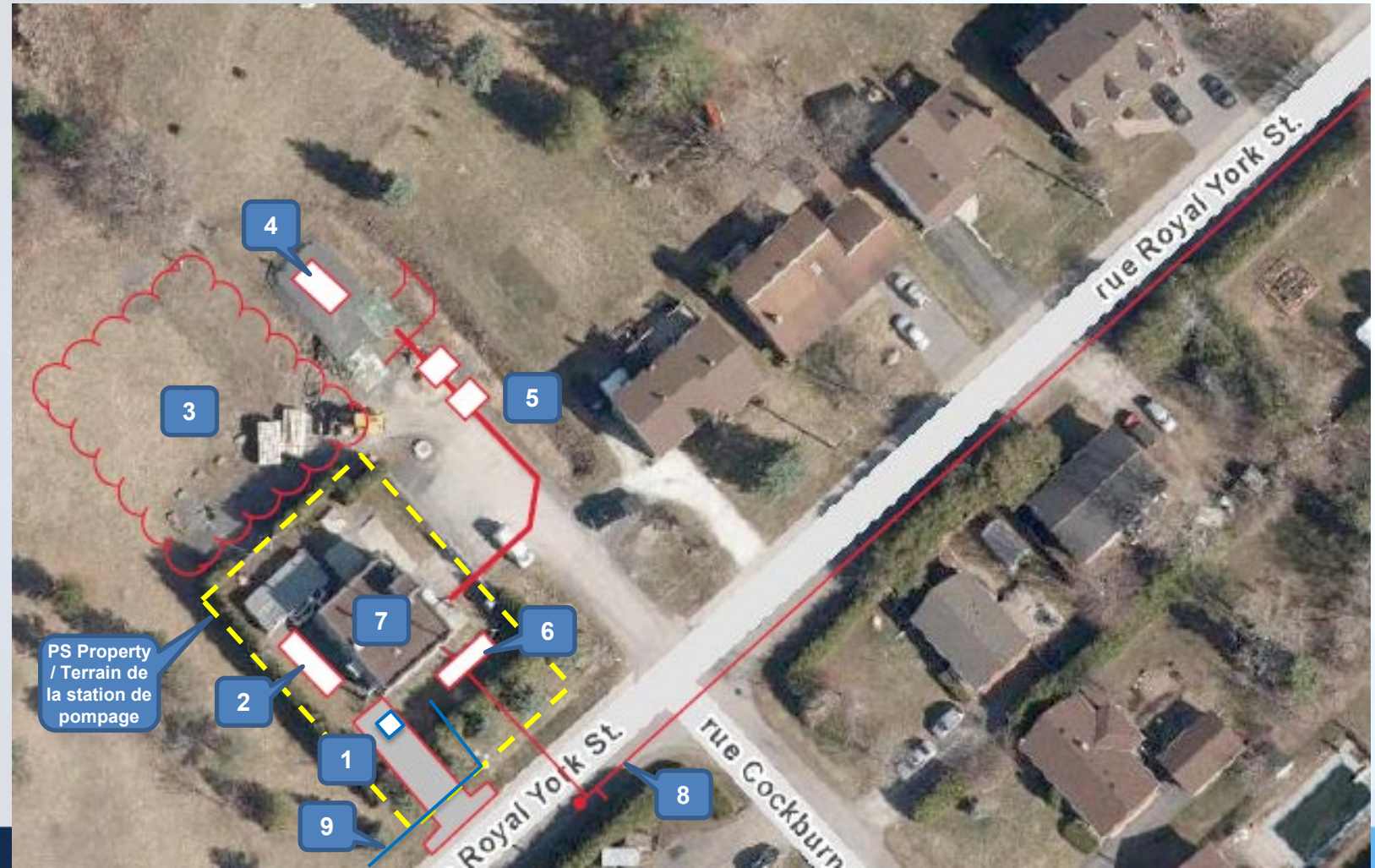
- Replaces aging equipment
- Updates communication methods and controls
- Reduces maintenance efforts and costs

Allows removal of the temporary standby generator.



Project Site Plan

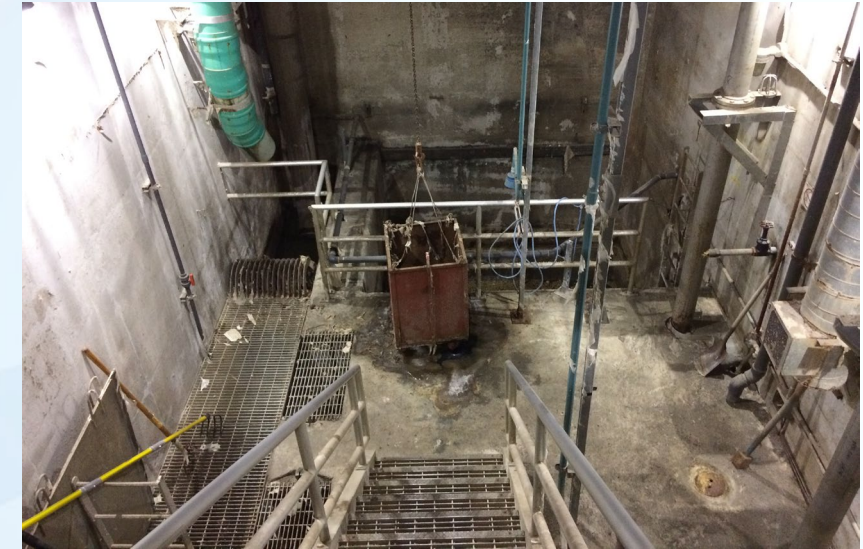
1. New site access
2. Air handling equipment
3. Temporary staging area
4. Temporary standby generator
5. Underground piping and chambers
6. Permanent standby generator
7. Upgrades within the building
8. Watermain from King Street
9. Hydro Ottawa transformer & pole line to McBean Street



Project Scope

Upgrades inside the pump station building include:

- Replacement of all sewage pumps, piping, and valves
- Upgrade of all electrical, instrumentation, and communications equipment
- New air handling equipment and duct work
- Improved access to the wet well area
- Mechanical screening of incoming sewage
- Addition of washroom facilities for Operators



Project Scope



Anticipated Construction Impacts

Construction Impacts	Mitigations
Noise Equipment • Temporary stand-by power generation	Abide by City's Noise Bylaw (No. 2017-255) Standard work periods: Mon-Fri, 7 am to 10 pm Minimized use of temporary generators. Will be run continuously when bypass pumping is required but within City's Noise Bylaw decibel limit.
Dust	Dust suppression using water trucks.
Odour	Existing odour control system will remain in service except for short duration tie-ins.
Trees & Landscaping	Four trees and most of the existing PS hedge will be removed for construction access. Five trees will be reinstated (locations to be determined) and the PS hedge replaced.

Anticipated Construction Impacts

Construction Impacts	Mitigations
Traffic Interruptions	<p>Royal York Street: Reduced to one lane during July-August for watermain installation. Dates will be communicated approximately 2 weeks before commencing.</p> <p>Cockburn Street South: West branch to the site will be closed to secure the construction site.</p>
Pedestrian Impacts	<p>Entrance to parkland and river access at Cockburn Street will be interrupted.</p>
Sewer Service	<p>No impacts or service interruptions.</p>
Water Service	<p>No impacts to local / private wells. Project team is monitoring nearby groundwater elevation levels throughout construction.</p>

Anticipated Construction Timing

Construction is currently underway and the contractor has mobilized to site.

Much of the exterior work is expected to be performed in 2023 with project completion by the end of 2024.

Schedule and progress is heavily dependent on supply chain issues and availability of key equipment.

Residents will be updated accordingly as the project progresses and information posted to the project webpage: ottawa.ca/richmond pumping station

Thank you

Thank you for your interest in the project.

Inquiries may be directed to:

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