

BEACHBURG WATER TREATMENT PLANT RENEWAL AND OPTIMIZATION PROJECT

History

The Beachburg Water Treatment Plant (WTP) is located at 31 Robertson Drive in Beachburg. The WTP was built in 1955 and the most recent retrofit was completed in 1994 which included a building expansion, high and low lift pumps replacement, a new packaged treatment unit and a 150kW diesel emergency backup generator.

Funding

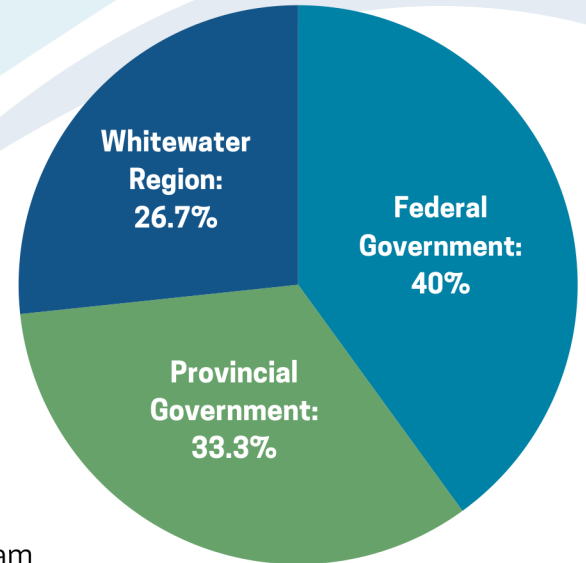
The Township was successful in obtaining \$1,512,499.89 in funding through the Investing in Canada Infrastructure Program (ICIP) Green Stream Intake II grant. These funds represent 73.33% of the total project cost of \$2,062,593.60.

The Project

The Beachburg Water Treatment Plant will undergo renewal and optimization throughout 2024/25. The renewal will address vital components of the plant that are reaching the end of their useful life and ensure the continued delivery of clean, safe drinking water to the residents of Beachburg. The plant will be optimized by receiving new digital controls and monitoring devices in order to reduce energy consumption, carbon emissions, increase capacity and provide redundancy.

The project encompasses 10 essential categories for renewal, rehabilitation and optimization to the Beachburg Water Treatment Plant (WTP). The engineering phase was completed by EVB Engineering and included the assessment of the treatment components including both supply wells. The construction project was tendered in early 2024 and was awarded to Harrington Mechanical Limited. The Water Treatment Plant will receive new a new generator, pumps, electrical, instrumentation, Supervisory Control and Data Acquisition (SCADA), process piping, HVAC, building upgrades, and clear well repairs.

THE FUNDING CONTRIBUTIONS ARE:



Disruption

A drinking water advisory is expected in the Fall of 2024 to complete repairs in the clear well. The Township is working with the Renfrew County District Health Unit and future communication will be provided to Beachburg residents closer to the event.

Notification

Beachburg residents are encouraged to sign up for future notification by scanning the QR code or visiting the Township's website under the 'PROJECTS' Tab.

