



GEORGINA WATER TREATMENT PLANT UPGRADES

Open House
April 2, 2026



Georgina Plant Delivers Reliable, High-Quality Drinking Water



Project includes:

- Upgrades to the water treatment plant site
- Building a twinned **raw watermain** along Kennedy Road from the pump station to the water treatment plant
- Improving the **intake pipe** and mussel control system
- Replacing the **outfall pipe**

Main Project Drivers include Quagga Mussels and Outfall Pipe



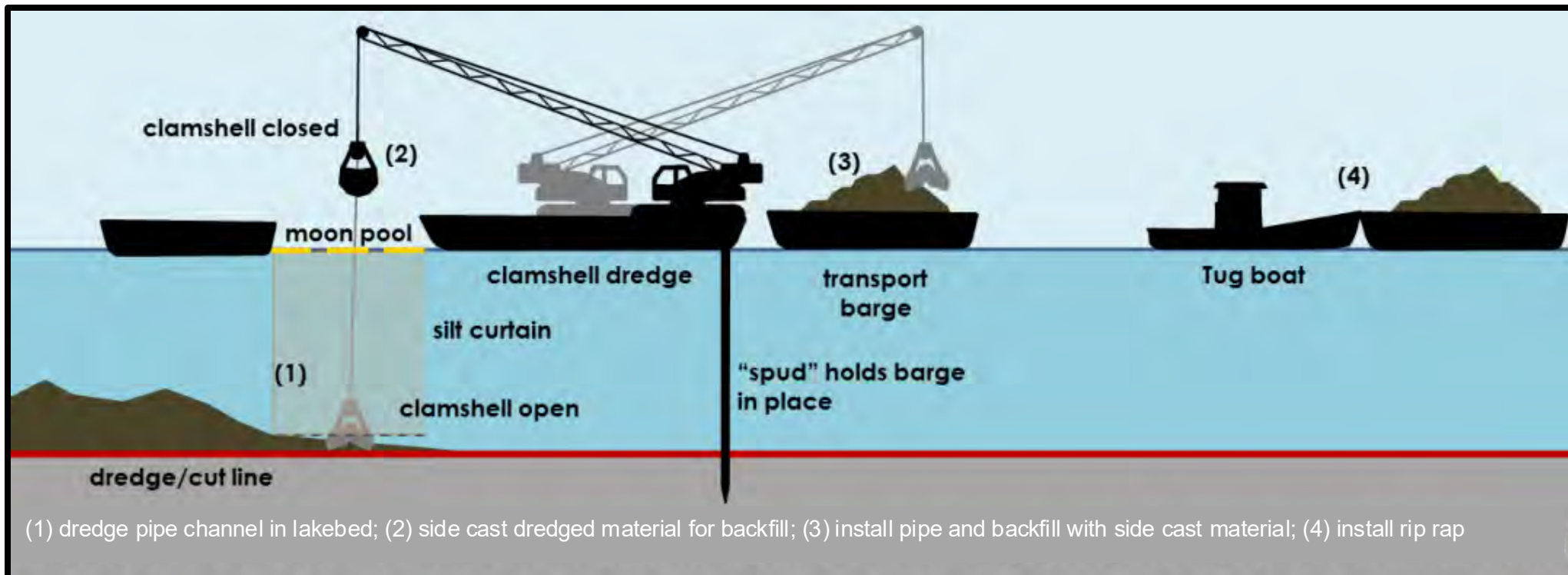
Quagga Mussels – at the intake water screening



Outfall Pipe – floating at lake surface

Extensive Agency Collaboration to Protect Natural Environment

- Transport Canada (TC)
- Lake Simcoe Region Conservation Authority (LSRCA)
- Fisheries and Oceans Canada (DFO)
- Ministry of Natural Resources (MNR)
- Ministry of the Environment, Conservation and Parks (MECP)



What to Expect in Lake Simcoe

- Use of **moonpool** and potential use of **turbidity curtains** during in-water construction works
- Extended working hours in Lake Simcoe due to in-water regulatory construction windows

Moonpool



Turbidity Curtain



Turbidity Curtain



Microtunnelling for Installation of New Piping

Launch

Retrieval

- Compound 1 at the treatment plant - Launch
- Compound 2 at Willow Wharf Park - Retrieval
- Microtunnelling along Kennedy Rd with a connection chamber across from the pumping station



Traffic Management Plan Prioritizes Traveler Safety



Kennedy Road closed Fawn Lane to Lake Drive East

Permanent All Way Stop Signs

- Traffic Control Person
- Temporary Traffic Assistance Device

Parking lot closed for construction storage

- Traffic Control Person
- Temporary Traffic Assistance Device



Asphalt Resurfacing at End of Construction

Asphalt resurfacing
on Lake Drive East

Asphalt resurfacing on
Kennedy Road
between Metro Road
and Lake Drive East

Continues
to Metro
Road



Key Milestones



Construction Start: Winter 2025



Regulatory Timelines for In-Water Work:
Summer – Fall 2026



Construction Completion: Fall 2027

Key Takeaways

- Improvements to the Georgina Water Treatment Plant will ensure reliable supply of healthy, high-quality drinking water to residents and businesses
- Project has a unique set of regulatory and environmental factors with tight timelines for in-water works
- Design has been focused on minimizing impacts and adding in controls to keep everyone safe



THANK YOU



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- Send inquiries to accessyork@york.ca quoting Georgina Water Treatment Plant