

# Neighbours

Summer 2024

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Frederick House Lake Dam  
Rehabilitation Project

ONTARIO  
**POWER**  
GENERATION

## Project background

The rehabilitation of the Frederick House Lake Dam will extend its operating life by approximately 50 years, while upholding the highest standards of dam and public safety. The dam will maintain existing flow capacity and no changes will occur to the current water levels and flows as set out in the Abitibi River Water Management Plan.

To ensure that the dam can continue to safely pass water, the project will be completed in two phases. Phase 1 involves repairs to the South Gravity Wall and sluices 7-9, before switching to the North Gravity Wall and sluices 1-6 for Phase 2.

Project work includes:

- Concrete repairs to dam and sluiceway structure;
- Road maintenance to support construction access; and
- Replacement of gains, sills, stop logs and sectional gates;
- Temporary in-water work (e.g. cofferdams).



*The Frederick House Lake Dam Rehabilitation Project is 39% complete, with work continuing into 2025.*

## Construction update

Since the last update in Fall 2023, the Frederick House Lake Dam Rehabilitation Project has progressed on schedule and achieved several construction milestones for Phase 1. These include successful installation and commissioning of the upstream cofferdam, completion of the upstream south gravity wall repairs, installation of temporary post-tension anchors in the rollways, and completion of base demolition scope.

Scaffolding has been erected in sluiceways 7, 8 and 9 which allows closer inspection of



*Construction at Frederick House Lake Dam is well underway, with several construction milestones completed for Phase 1.*

the piers and continuing of concreting activities. These activities are now in full swing in the sluiceways and on the downstream face of the South Gravity Wall, including installation of dowels and rebar, formwork and concrete pours.

Over the next few months, all concrete repairs and installation of embedded parts will be complete for Phase 1. This includes sluiceways 7, 8 and 9 having been fully commissioned before moving to Phase 2, on the North side of the dam.

# Welcoming Timmins Mayor Boileau

On Tuesday, June 18, the Frederick House Lake Dam Rehabilitation Project team hosted Timmins Mayor Michelle Boileau for a site tour. Mayor Boileau remarked with amazement at the scale of the work taking place on site. Inviting local leadership for an inside look at OPG projects is an

important part of ensuring that stakeholders remain informed and up to speed on OPG's maintenance and rehabilitation work taking place across multiple sites. A big thank you to Mayor Boileau for the visit, and to Stuart Olson and OPG Project staff for assisting with the tour.



*Pictured left to right: Tanya Stuart, Communications Officer, OPG, Thush Manmatharajah, Project Leader, OPG, Mayor Michelle Boileau, Issa Salsa, Project Manager, Stuart Olson, Darren Mulrooney, Stuart Olson, and Kate Cantin, Senior Communications Advisor, OPG.*

## Watch for wildlife!

It's the time of year for wildlife, and the Frederick House Lake Dam Rehabilitation Project area is no exception. Project staff heading to site has observed an increase in wildlife over the past several weeks including bears, moose and even an adolescent Bald eagle. OPG is reminding the public to stay alert when driving to avoid wildlife collisions, especially at dawn, dusk and at night.



*Project staff has spotted several moose, bears and other wildlife in the area.*

## Did you know?

Frederick House Lake Dam, located about 50 km northeast of Timmins, downstream of Frederick House Lake, was originally constructed in 1938, making it 85 years old. The dam is receiving a much-needed 'facelift'.



### For more information contact:

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