

## Project background

The rehabilitation of Frederick House Lake Dam is required to extend the operating life of the structure, while upholding the highest standards of dam and public safety. The project also supports OPG's commitment to safety and operational excellence. The work taking place at the dam will not involve changes to the water level and flows prescribed in the Abitibi River Water Management Plan. The project involves primarily concrete repairs/resurfacing to the dam and sluiceway structure, as well as replacement of other flow control equipment, road maintenance and temporary in-water work.



## Construction update

The end of 2024 marked an important milestone for the project - completion of Phase 1 with Sluiceways 7, 8 and 9 successfully commissioned. Several key construction activities were completed as part of this effort, including all Phase 1 concrete overlay and

mass pours, installation and alignment of stop log gains and sills, installation of the pre-cast bridge deck panels which required the mobilization and use of a 600T crane, and removal of both the downstream and upstream cofferdams. The project was also able to complete all void grouting, curtain grouting and water stop installation on both concrete gravity walls, ahead of schedule.

Phase 2 is currently underway, with construction activities focused on the installation of the upstream cofferdam and installation of temporary post-tension anchors. This will allow for concrete removal and replacement on Sluiceways 1 through 6.



## New experiences lead to project success

Cliff Edwards, a member of Taykwa Tagamou Nation, is working as a Project Administrator on the Frederick House Lake Dam Rehabilitation Project. His day-to-day tasks include procurement of equipment and tools, drone work, document control and

water testing. Cliff said that the project allows for a good work-life balance, with a Monday-Friday work schedule, as well as the opportunity to try many new things. “I love being able to see the progress of the project,” he explained. “It’s great to see how my contributions are going toward the bigger goal.” To learn more about Cliff’s experience working on the project, visit [opg.com/frederick](https://opg.com/frederick).



*Cliff Edwards, a TTN member, is enjoying his role as a Project Administrator on the project.*

## Warming up in Connaught

The Connaught Community Centre has been working hard to improve the facilities for youth and community members. The Frederick House Lake Dam Rehabilitation Project (Stuart

Olson) recently donated a heated trailer, to be utilized as a warm changing/skate tying area for those using the community skating rink. Stuart Olson and the Project were honoured to be able to give back to the community and ensure local residents are able to enjoy the outdoors.



*A warming/skate tying area was recently donated to the Community of Connaught by Stuart Olson.*

## Winter water safety message

Danger looks different in the winter. The ice might look nice – but the currents below make it deceptively thin and can change without warning. If you take the risk and venture out onto icy surfaces near our



dams, you might find yourself in real trouble, fast. While enjoying Northern Ontario’s great outdoors this winter, please obey the signs and barriers, and stay clear, stay safe!



*Bobbi the Buoy says “Stay Clear, Stay Safe”!*



### For more information contact:

Kate Cantin  
[kate.cantin@opg.com](mailto:kate.cantin@opg.com)  
(705) 266-5319

### For media inquiries call:

1-877-592-4008  
[opg.com](https://opg.com)

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