



Parks
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Parks Canada

Federal Infrastructure Investment Program

Update

September 2024



Horseshoe Lake Dam 2021



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Parks Canada Infrastructure Renewal

Infrastructure renewal allows the Trent-Severn Waterway to continue performing its role in serving Canadians by:



- ❖ Mitigating flood risks for the purpose of protecting people and property;
- ❖ Protecting heritage structures and landscapes;
- ❖ Operating the Trent-Severn Waterway as a uniquely Canadian destination for visitors that supports economic opportunities for local communities.



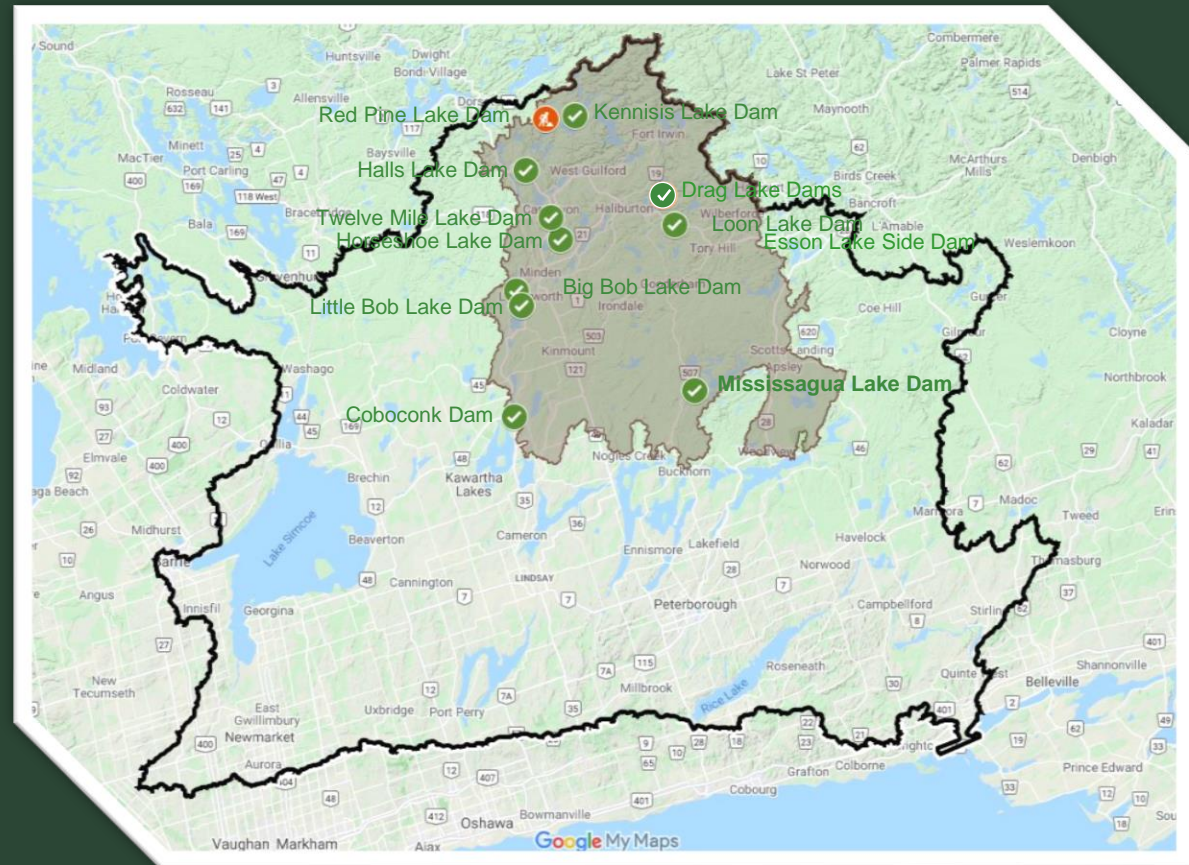
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Structural capital assets support the operations of a more than 18000 km² watershed, and a 386 km navigable waterway.

These assets include 140 dams and water control structures, 2 lift locks, 2 flight locks, 36 conventional locks, and a marine railway.





Completed Projects in Reservoir Area

- ❖ Kennisis Lake Dam Replacement
- ❖ Mississauga Lake Dam Replacement
- ❖ Drag Lake North Dam Rehabilitation
- ❖ Loon Lake Dam Rehabilitation
- ❖ Little Bob Lake Dam Repair
- ❖ Big Bob Lake Dam Repair
- ❖ Percy Lake Dam & Little Brother Dam Access Roads
- ❖ Coboconk Dam Rehabilitation
- ❖ Twelve Mile Lake Dam Replacement
- ❖ Horseshoe Lake Dam Replacement
- ❖ Drag Lake South Dam Replacement
- ❖ Esson Lake Side Dam Temporary Structure
- ❖ Red Pine Lake Dam Replacement





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Ongoing Asset Management

- Gathering Data and Preparation -

- ❖ Capital Funds have been directed toward projects with deferred work, as identified by engineering inspections and various reviews.
- ❖ During the implementation of the program of work, Parks Canada has gathered up-to-date information about TSW structural assets and their condition and this inspection program continues.
- ❖ This preparatory work is not as visible, but forms an invaluable baseline of data for ongoing asset management.
- ❖ The in-depth data has led to some re-prioritization: work on some projects has been expanded, while other work has instead been prioritized for the future.





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Asset Management

- Dam Safety Reviews-

Gull River

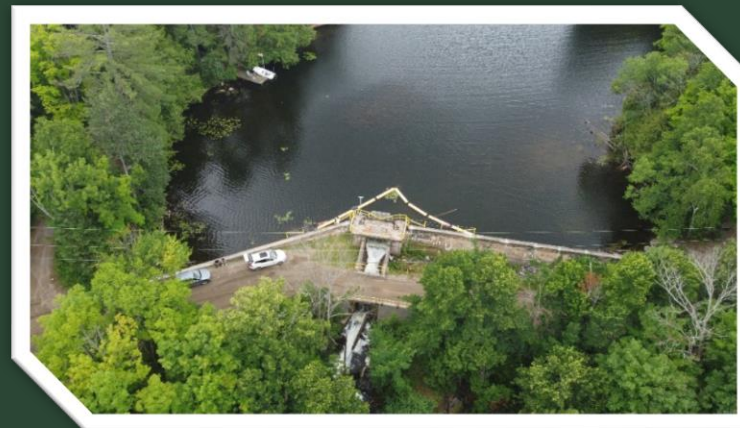
- ❖ Nunikani – Stability study - Complete
- ❖ Hawk/Sherborne/Little Brother – Stability study Complete
- ❖ Halls – Hydrotech only Complete
- ❖ Kushog – Hydrotech only Complete
- ❖ Percy – Complete
- ❖ Oblong – Complete
- ❖ Redstone East and West Hydrotech only Complete
- ❖ Eagle – Complete
- ❖ Little Bob - Complete
- ❖ Big Bob - Complete
- ❖ Gull – Complete
- ❖ Elliot Falls stability only - Complete
- ❖ Norland – Complete
- ❖ Kushlong – Complete

Burnt River

- ❖ White – Complete
- ❖ Long – Complete
- ❖ Esson – Complete
- ❖ Little Glamor – Complete
- ❖ Big Glamor - Complete
- ❖ Gooderham – Complete
- ❖ Farquhar – Complete
- ❖ Pusey – Complete
- ❖ Loon – Complete
- ❖ Contau – Complete

Central

- ❖ Jack – Complete
- ❖ Anstruther – Complete
- ❖ Crystal – Complete
- ❖ Mississauga- Complete
- ❖ Eels - Complete



White Lake Dam July 2022



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Priorities for Further Investment

Funding Requested – dam replacements

- ❖ Elliot Falls
- ❖ Little Brother Dam
- ❖ Esson Lake
- ❖ Long Lake



Other Updates

Trent-Severn Waterway Management Plan

- ❖ Commitment for a water management communications plan

Bill C-23 - Historic Places Act

- ❖ Currently at Second Reading in the House of Commons
- ❖ Will allow modernization of the *Historic Canals Regulations*



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