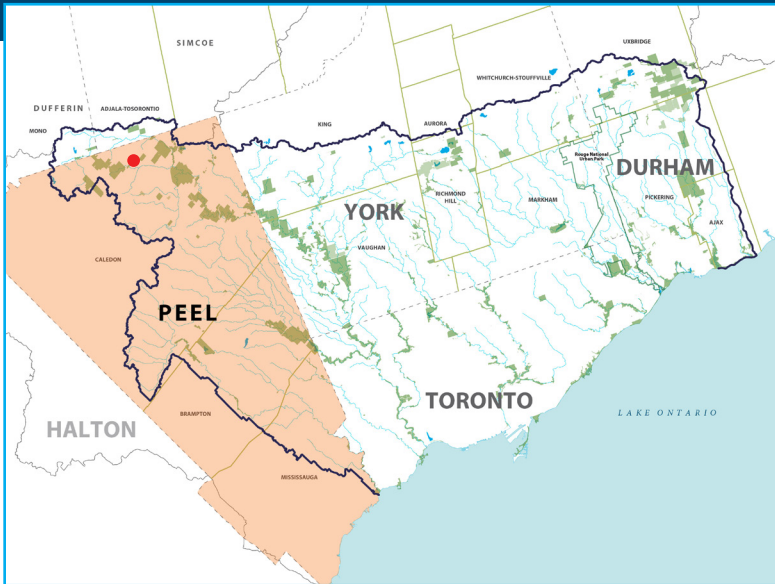




PEEL REGION

FLOOD AND EROSION INFRASTRUCTURE - PHYSICAL

Legacy Dam Decommissioning - Glen Haffy Upper and Lower Dam Extension



EXPECTED IMPACT

Removing the dams eliminates the looming risk of structural failure and downstream flooding. It also restores natural hydrology, improves fish passage, and supports healthier aquatic ecosystems. This is a rare opportunity where an investment delivers both risk elimination and ecological restoration, producing long term environmental and safety benefits.

BUDGET & FUNDING

Estimated Total Cost (\$000's): \$1,800

20% Engineering

80% Construction

Possible Funding Sources:

- Water and Erosion Control Infrastructure Grant
- Disaster Mitigation Action Plan Grant
- Municipal Contributions

OWNERSHIP

- TRCA

OVERVIEW

The Glen Haffy Upper and Lower legacy dams are no longer safe, functional, or upgradeable. Their aging structures pose escalating risks that cannot be addressed through repair. Decommissioning these dams is the safest, most cost effective solution to eliminate public safety hazards and restore a natural, stable watercourse system.

OBJECTIVES

These aging legacy dams present escalating safety risks and cannot be feasibly upgraded. Decommissioning eliminates failure risk, restores natural flow, improves fish passage, and strengthens watershed resilience. The objective is to remove high risk structures permanently and return the area to a safe, stable, natural condition.

BENEFITING STAKEHOLDERS

- Region of Peel
- Town of Caledon



KEY PRIORITIES AND ACTIVITIES TO DATE

Remove Aging Dam Infrastructure to Eliminate Failure Risk

High Priority



Decommissioning the Glen Haffy Extension Upper and Lower Dams will remove unsafe, non-compliant structures and prevent the potential for dam failure, road damage, and downstream safety impacts.

Restore Natural River Function and Ecological Health

High Priority



Taking out the legacy dams will reconnect the river, allow natural sediment movement, and improve aquatic and riparian habitat, leading to long-term environmental resilience.

Work to Date:

Monthly dam inspections to assess dam failure. Dam Safety reviews have been completed for each dam.

RISKS IF UNFUNDED

Social: Dam failure at the aging Glen Haffy Extension Upper and Lower Dams could endanger downstream residents, and damage to nearby road crossings could disrupt access and emergency response routes.

Financial / Economic: Failure of these deteriorating structures could lead to costly infrastructure repairs and corporate reputational risk, increasing financial pressure and reducing support for future projects.

Deferred Action Risk: Leaving the dams in place increases the likelihood of extensive environmental damage, including the release of sediment trapped behind the dams, which would degrade river health and become far more complex to restore later.



Separated concrete culvert at the dam.

KEY DATES

- **Possible Start:** TBD
 - **Duration:** 3 years
- Environmental Assessment, design, approvals, and implementation

CONTACT INFORMATION:

Craig Mitchell, Senior Manager,
Flood Infrastructure & Hydrometrics
Engineering Services
Craig.Mitchell@trca.ca