

Vittoria Dam Decommissioning Update

The Vittoria Dam is assigned a "High" Hazard Potential Classification due to structural deficiencies and inadequate spillway capacity to safely convey the Inflow Design Flood, a large flood event used to assess dam safety.

To address these safety risks while mitigating environmental impacts, a Draft Drawdown Plan and Detailed Design Brief completed by GeoProcess Research Associates Inc. outlines the execution of Environmental Assessment Alternative 5, decommissioning of the dam.



The core components of this implementation strategy include:

- Lower the reservoir level, remove controls and naturalize the reservoir area
- Staged Drawdown
- Hybrid Sediment Management
- Monitoring and Adaptive Management

What are the next steps?

- Finalize Detailed Engineering Design
- Complete Regulatory Approvals
- Continue Baseline Monitoring

What has LPRCA done to prepare?

- Baseline Monitoring
 - Executing the 1-year pre-implementation baseline monitoring program to refine adaptive Management Targets
 - Continuous data collection of water quality parameters upstream and downstream of the dam structure
- Ongoing spring/fall spawning surveys
- Ongoing benthic sampling
- Ongoing biomass surveys
- Ongoing habitat evaluation using the Ontario Stream Assessment Protocol

Questions and comments about the Vittoria Dam Decommissioning can be directed to:

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