

## Crane Lake Dam Safety Upgrades

Client: Ministry of Natural Resources

Year: 2010 - 2011



### SERVICES PROVIDED

The Ministry of Natural Resources retained C.C. Tatham & Associates Ltd. in September 2010 to complete Construction Inspection and Contract Administration for the safety upgrades to the dam at Crane Lake. Constructed in 1964, the concrete dam is located at the outlet of Crane Lake in the Township of the Archipelago. The dam is 49.0 m long and 3.4 m high at the centre, with one 4.3 m wide sluiceway controlled by stop logs.

The upgrades included lowering the spillway, installing rock anchors, removing and replacing the overhead lifting gantry and handrail, and repairing the concrete to remove areas of deterioration, improving operator and public safety measures, and upgrades to the access road.

Key Staff: Jesse Woolnough, Terry Smart, Bill Van Ryn



**C.C. Tatham & Associates Ltd.**  
Consulting Engineers

Collingwood

Bracebridge

Orillia

Barrie

email: [info@cctatham.com](mailto:info@cctatham.com)  
web: [www.cctatham.com](http://www.cctatham.com)