

Request for Quote

For

Consecon Mill Dam – New Stairs

In Prince Edward County



— Quinte —
CONSERVATION
—

Requested by Quinte Conservation Authority
August 14th, 2024

RFP Contact:
msmith@quinteconservation.ca

Closing:
Thursday, Sept 12th, 2024 at 2pm

Quinte Conservation
RR#2
2061 Old Highway 2
Belleville, ON
K8N 4Z2

Background & Scope of Work

The dam consists of an overflow weir section which is abutted to the south by a single stoplog sluiceway supporting a steel grate operations deck via two (2) piers. The southern pier is abutted with the south earth abutment which is contained between the upstream and downstream retaining walls. The stoplogs maintain an upstream water level and serve to prevent flooding in the surrounding area. A large building exists adjacent to the south (left) abutment which appears to include the original mill structure as well as some newer building additions.

The original dam is understood to have been constructed some time prior to 1976, with a major redevelopment program initiated in the late-1970s involving the construction of the present stoplog sluice and a vertical extension of the original upstream retaining wall. In 2008, a gantry system with manual chain winches was added for stoplog operations

Access to this dam is through private property which includes a driveway and gate. All work must be complete within normal business hours (Weekdays 9 to 4) unless special permission is granted from the landowners. Any disturbance or damage must be rectified to the satisfaction of the property owner.

The scope of work includes design of new stairs, removal of existing stairs, and installation of new stairs. The design must include a P.Eng. stamp which QC must review prior to fabrication. The current stairs must be fully removed. Any exposed rebar must be protected. Any exposed concrete must be reasonably ground smooth. Any metal cut on site must be left in a smooth and safe fashion. The new stairs shall be galvanized steel, must abide by OBC and shall not decrease the tread length. The treads shall have suitable traction to assist in adverse winter conditions.

The proposal submission requirements are listed in the below section.

Known Reports or Data

- 2024 Dam safety Review – KGS Group, 2024
- 2024 Public Safety Plan – KGS Group, 2024

Meetings and Site Visits

Upon award, a start-up meeting will be required to confirm the methodology, schedule, etc.

Proposal Submission Requirements

The proposal shall be submitted no later than Thursday, Sept 12th, 2024 at 2pm . Copies of the proposals shall be sent to Mike Smith at msmith@quinteconservation.ca.

The proposal shall include:

- Details on the approach and methodology.
- Contact person and phone number and people involved in the preparation of the proposal
- sub-consultants/sub-contractors to be used and their role
- Construction methodology. Clearly show any assumptions made or requirements from Quinte Conservation.
- attestation of all addenda reviewed

- state all assumptions used
- Project cost breakdown

Schedule

Site Visit	Thursday, Aug 29th, 2024 at 930am
Questions regarding the proposal due	Friday, Aug 30th, 2024 at 930am
RfP addenda posted on the Quinte Conservation website	Tuesday, Sept 3rd, 2024
Request for proposal closing	Thursday, Sept 12 th , 2024 at 2pm

Selection Criteria

QC will select the successful contractor following an assessment of the submitted proposals based on criteria such as meeting the project requirements, project team experience, project schedule and project cost. The proposal with the lowest bid may not necessarily be accepted.

It is anticipated that the successful consultant will be notified at the latest by the end of Sept, 2024. This project is subject to confirmation of funding and Quinte Conservation reserves the right to reject any or all proposals and cancel the project.

Appendix A: Photos of Dam



Figure 1: Stairs – Looking North



Figure 2: Stairs – Looking East

Appendix B: Location of Dam

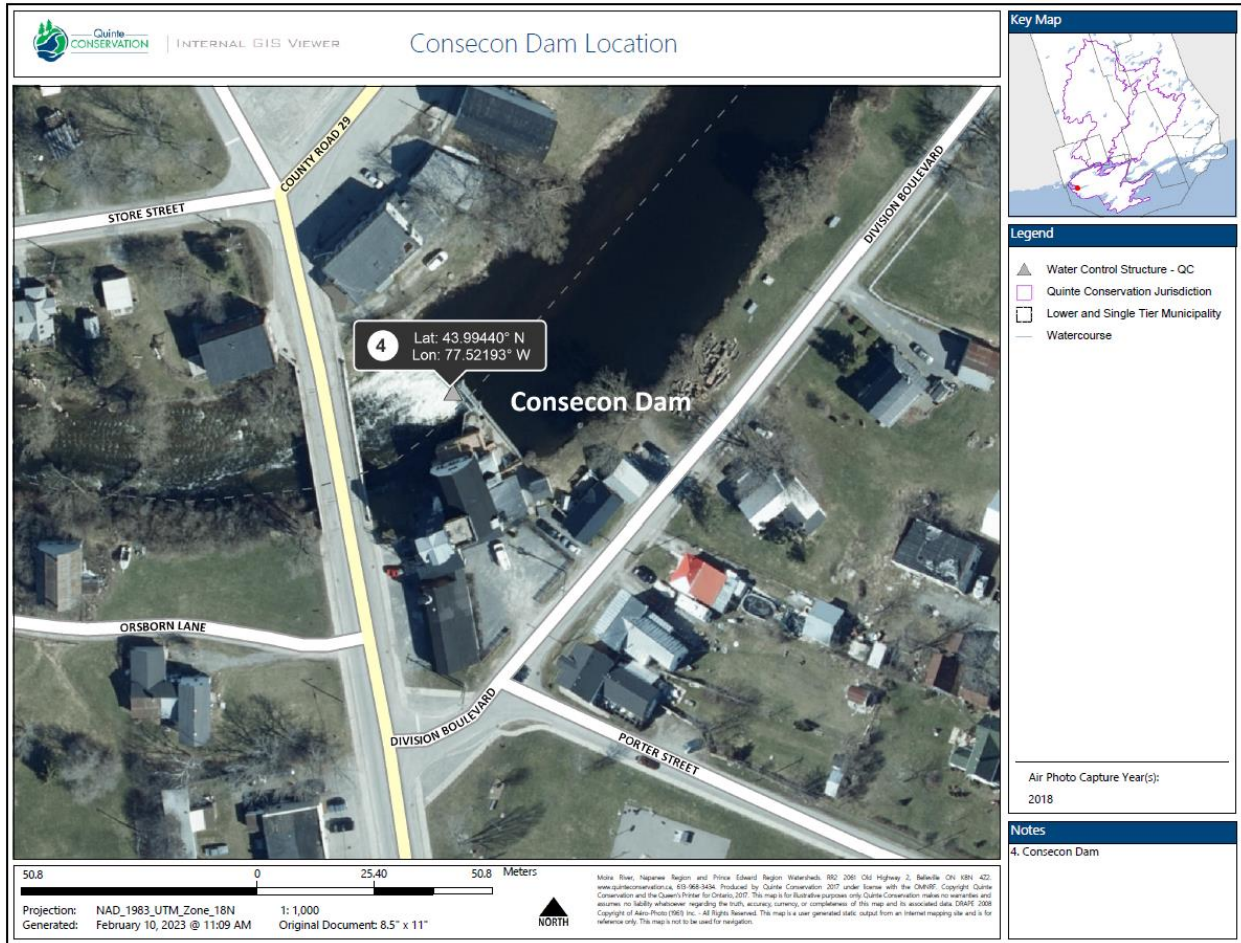


Figure 3: Location of Consecon Mill Dam