



## ***Project Completion Report***

# **Tadenac Lake Outlet Walleye Spawning Bed Enhancement Project**

**Eastern Georgian Bay Stewardship Council**

**October 30, 2007**

The Eastern Georgian Bay Stewardship Council (EGBSC) in partnership with the Ministry of Natural Resources and Tadenac Fishing Club have conducted a walleye spawning bed enhancement project in the Township of Georgian Bay, Freeman Ward, Concession IV, part Lots 44 and 45.

### **Location:**

The enhancement site is located on Eastern Georgian Bay where the Tadenac Lake outlet empties into it. The surrounding land is owned exclusively the Tadenac Fishing Club. The site is approximately 2 miles south of Twelve Mile Bay. It is accessible via King Bay Marina on the Moose-Deer Point First Nation Reserve, and then by water via Tadenac Bay of eastern Georgian Bay (Figure 1).

**Figure 1.**

#### **Work Site Location.**

(Note: Site is accessible via Georgian Bay. Closest water access point is King Bay, Moose-Deer Point First Nation.)



## Enhancement Work Description:

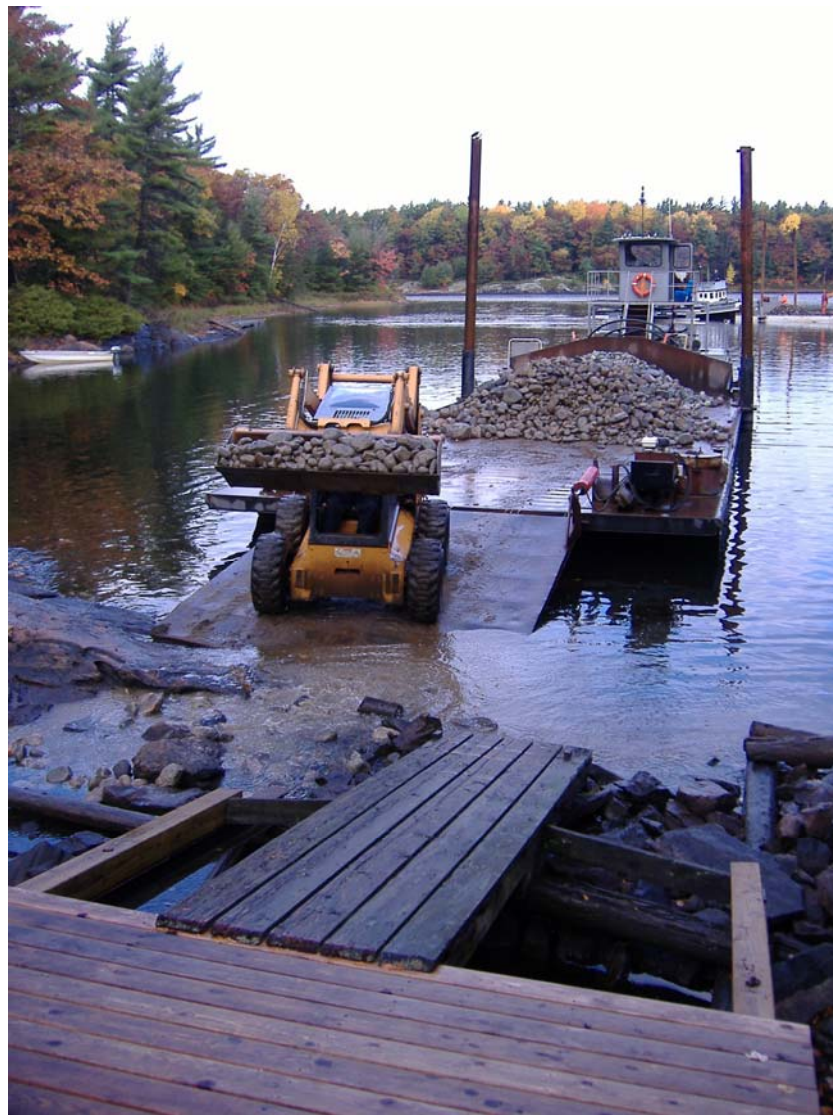
On October 24, 2007, approximately 50 cubic yards of round, granite cobble was deposited at the site (Photo 1). Dimension of granite cobble ranged from 7 – 25 cm in diameter. An additional 10 granite boulder 0.5 metres in diameter were randomly interspersed throughout the spawning site to act as current deflectors (Photo 2). These current deflectors provide resting or staging sites for spawning walleye.

It is estimated that approximately 60 - 80 square metres of walleye spawning habitat has been enhanced.

### Photo 1

**Unloading spawning rubble from barge onto spawning bed.**

*Enhancement work conducted by Chantler Barging Ltd.*



**Photo 2.**

**Placement of large boulders to act as current deflectors.**

*(Note: Area of rock cobble is submerged during spring freshet and walleye spawning and incubation periods.)*



**Financial Partnership:**

Total cost of the project was \$8,215.00. Financial contributions to the project:

- OMNR via Canada-Ontario Agreement (COA) project grant: \$4,500 (54%)
- Tadenac Fishing Club: \$1,857 (23%)
- EGBSC: \$1,857 (23%).

**Acknowledgements:**

The EGBSC graciously acknowledges the significant financial contribution from COA. We also recognize the generous stewardship ethic displayed by the Tadenac Fishing Club in permitting the work to be done on their waters that will benefit the Georgian Bay fish community at large. We are also appreciative of their financial contribution to the project.

We would also like to thank Chantler Barging for the professional and proficient manner in which the project was conducted.