

Lake Wabukayne Sediment Removal

Lake Wabukayne, Mississauga, Ontario, Canada



COMPLETION DATE

Spring 2006

VALUE OF CONTRACT

\$1,850,000.00

OWNER

City of Mississauga
Contact: Kealy Dedman, P.Eng
905-896-5937

CONSULTANT

Marshall Macklin Monaghan
Contact: Ken Hunter
905-882-0055



Project Description

DESCRIPTION

Dredging 15,000 m³ of sediment from Lake Wabukayne.
Contract #17 111 04143

EQUIPMENT

Hydraulic Suction Dredge
LS 108 Crane, Cat 325 Backhoe
Cat IT28G Loader
Work Boats

DREDGING METHOD

This was a hydraulic suction dredging project. The sediment material was pumped via a 8" HDPE discharge line to a series of high strength geotextile containment tubes located onshore. A flocculating polymer was added for the dewatering of the extracted sediment. Once dewatered, the material was disposed of at a registered landfill site.

