

Burlington Raw Water Intake



BURLINGTON, ONTARIO

Burlington Water Purification Plant Stage 2 Expansion – Contract W-1793A2-01

COMPLETION DATE

2002

VALUE OF CONTRACT

\$5,000,000.00

OWNER

Regional Municipality of Halton
Contact: Katrina Blom, P.Eng
905-825-6030 Ext 7612

CONSULTANT

CH2M Hill Canada Ltd.
Contact: Paramjit S. Dhillon, P.Eng
416-499-0090 Ext 530



Project Description

DESCRIPTION

Water Purification Plant, Raw Water Intake – 750m of 1800mm Ø Concrete Pressure Pipe

EQUIPMENT

Derrick No. 1 Barge c/w 5 cy
Manitowoc 4100 Crane
Derrick No. 4 Barge c/w 4 American
9260 Crane
Whitby Tug Boat – 500 HP
R.C.L. 11 Tug Boat – 600 HP

INSTALLATION METHOD

Install approximately 750m of 1800mm Ø Concrete Pressure Pipe into Lake Ontario from existing gate chamber. Drill & Blast rock, excavate, lay pipe, place pipe bedding and installation of new intake structure, provision of chemical & sampling lines & installation of sluice gate at existing gate chamber

