

Great Cataraqui River Utilities Crossing

GREAT CATARAQUI RIVER, KINGSTON, ONTARIO



COMPLETION DATE

Fall 2004

VALUE OF CONTRACT

\$7,900,000.00

OWNER

Utilities Kingston
Contact: Allen Lucas, P. Eng
613-546-1181 Ext. 2250

CONSULTANT

R.V. Anderson Associates Ltd.
Contact: Gerald Bauer, P. Eng.
613-226-1844



Project Description

DESCRIPTION

40,000m3 Environmental Dredging
3,000m of HDPE Pipeline Fusion & Installation
Barge Unloading Facilities
Contract UK-03-06

EQUIPMENT

Tugboat – Tow Le Taureau Tugboat,
Manistique Tugboat
Derrick No. 3 Barge
McNco 123 & McNco 124 Dumpscows
45 Ton Crane Linkbelt 108
100 Ton BE-71B Crane
Cable Arm Clamshell Bucket
Outboard Work boats

INSTALLATION METHOD

Construction of Temporary Dock,
dredging of 40,000m3 of river sediments /
clays using Cable Arm clamshell bucket.
Installation of 2128m of 1067mmØ HDPE
Forcemain & 1064m of 560mmØ HDPE
in-water c/w concrete bolt-on weights.
Construction of forcemain/watermain
chambers. Erosion/Sediment control
measures both in-river and on-land.
Maintenance of sediment disposal facility.

