DUBLIN DOCKLANDS RISING MAINS SCHEME

Design and Construction of twin 500mm diameter foul rising mains from Spencer Dock Pumping Station across the River Liffey to the Main Lift Pumping Station

Client: Dublin City Council

SUMMARY:

Value: 16,000,000
Population Served: 250,000 p.e.
Procurement: Traditional
Status: Detailed Design

Services Provided:
Route Selection
Managed Preliminary Contracts
Detailed Design
Management of Tender Process and Evaluation

Dublin City Council procured Nicholas O'Dwyer Ltd. to act as specialists in relation to the design and provision of 3.5km of twin 500mm dia. rising mains, along with supervision of the design and construction of a 250,000 p.e. pumping station. The work was carried out in highly urbanised areas with high traffic, population and service densities. Nicholas O'Dwyer Ltd provided all services from route selection to design to construction supervision.

Part of the project entailed a review of the existing network model of the area to optimise the performance of the system to allow for future development in the area in a phased manner and the elimination of flooding.

Nicholas O'Dwyer
CONSULTING ENGINEERS