



LEIXLIP - BALLYCOOLEN WATER SUPPLY SCHEME- Phase 2

Construction of new water transmission and storage facilities to cater for the requirements of the Administrative Area of Fingal County Council and the North Dublin City Environs to the year 2025

Client: Fingal County Council

SUMMARY:

Value: €22 million

Services Provided:

Design report

Status: Tender assessment

Detailed design

Project management

Nicholas O'Dwyer were appointed by Fingal County Council as consultants for augmentation of the rising mains between Leixlip Water Treatment Plant and Ballycoolen Reservoir Site. Currently the Leixlip Water Treatment Plant supplies treated water to Ballycoolen Reservoir site through two parallel rising mains - a 27" diameter steel main and a 1,000mm diameter pre-stressed concrete main. Storage at Ballycoolen is currently being expanded to in excess of 190,000m³ under **Phase 1** of the project.

Phase 2 will provide two new 1,000mm diameter ductile iron rising mains and all necessary pipeline fittings and instrumentation chambers from Leixlip to the Ballycoolen Reservoir Site, a distance of approximately 13.5km. The extra delivery capability will allow Leixlip Water Treatment Works to operate at full capacity and to cater for the future requirements of North Dublin / Fingal area.

