



LEIXLIP - BALLYCOOLEN WATER SUPPLY SCHEME - Phase 2

Construction of new twin 1000mm dia Rising Mains between Leixlip WTW and Ballycoolin Reservoir

Client: Fingal County Council

SUMMARY:

Value: €22 million

Services Provided:

Design Report, Detailed Design

Status: Under Construction

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 Ballycoolin Reservoir Site. Currently the Leixlip Water Treatment Plant supplies treated water to Ballycoolin Reservoir site through two parallel rising mains - a 27" diameter steel main and a 1,000mm diameter pre-stressed concrete main. Storage at Ballycoolin was 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 Ballycoolin 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.

