



TUBBERCURRY, GRANGE AND STRANDHILL DBO BUNDLE

Design, Build and Operation of Wastewater Treatment Systems for the towns of Tubbercurry, Grange, Strandhill, Ballinafad, Gurteen and Carney in Co. Sligo.

Client: Sligo County Council

SUMMARY:

Value: €9.1 million

Population Served: 17,700 p.e.

Procurement: Design, Build and Operate

Status: On going

Services Provided:

Design Review Report, Detailed Design

Contract Documents, DBO Tender Evaluation

Procurement, Project Management

Nicholas O'Dwyer Ltd. were appointed by Sligo County Council in December 2006 to act as Client's Representative for the procurement of upgraded wastewater treatment plants (WwTP) for Tubbercurry and Strandhill, and a new WwTP for Grange.

Under this appointment, a strategic review was carried out which examined the wastewater treatment options for plants in the geographical area. It was concluded that a grouped operational contract, to include recently completed WwTPs at Gurteen and Carney, would provide a cost-effective long-term solution for the operation and maintenance of wastewater treatment plants.

Sampling regimes were put in place to determine the characteristics and statistical variability of the influent to each WwTP. In order to determine the relevant effluent standards and ensure no degradation of receiving water quality, detailed waste assimilative capacity studies were performed on each of the receiving waters.

The project was implemented under a single Contract with an operation and maintenance period of twenty years. The main purpose of selecting this route as a method of procuring the project was to ensure that a high level of service would be provided to Sligo County Council over the twenty year period of operation including proper maintenance and protection of the asset, and enhanced protection of the receiving environment. Nicholas O'Dwyer Ltd. has met all the target deadlines for producing detailed designs and tender documents for the scheme.

