



## EDENDERRY SLUDGE ACCEPTANCE FACILITY

Provision of a Sludge Acceptance Facility, Inlet Works and Sludge Screening / Degritting Facility.

**Client: Offaly County Council**

### SUMMARY:

**Value:** €300,000

**Population Served:** 3,500 p.e.

**Status:** Complete

### Services Provided:

Detailed Design / Contract Documents

Management of Tender Process and Evaluation

Construction Supervision

Nicholas O'Dwyer were appointed as Consultants for the Edenderry Sludge Acceptance Facility scheme. A Design Review and Assessment of Needs was carried out to identify the existing and future sludge handling requirements.

Nicholas O'Dwyer prepared the detailed design requirements and the managed the procurement process for the scheme.

This scheme comprised the following elements:

- A tanker unloading facility for the delivery on site of the sludge.
- A Sludge Inlet pumping station.
- A New Inlet works comprising a 6mm Inlet Screen with integrated Washpactor, Grit Trap and Grit Classifier to replace a coarse mechanically raked screen.
- A sludge screening and degritting building.
- Equipment to screen and degrit the sludge and to wash and bag the screenings and grit.
- A sludge forward feed positive displacement pumps.

All Civil works were procured using a modified MF/1 contract. This resulted in the Main M&E Contractor being responsible for delivery of all elements of the scheme, including the civil works. This allowed in a greater control by the Main Contractor over the programme and cost of the project, and enhanced the design coordination required between contractors.

This innovative solution resulted in a complex installation delivered on time and budget.



**Nicholas O'Dwyer**  
CONSULTING ENGINEERS