



NAVAN SEWERAGE AUGMENTATION SCHEME

Construction of a New Wastewater Treatment Works in Navan

Client: Meath County Council

SUMMARY:

Value: €28 million

Services Provided:

Preliminary Report, Detailed Design

Status: Complete

Project Management, Operational Support

Navan Sewerage Augmentation Scheme was initiated to provide the required wastewater collection, treatment and disposal facilities conforming to the town Development Plan for a population equivalent of 60,000 to the year 2021.

The first phase of the scheme has now been implemented for a population equivalent of 40,000. The facility provides stringent standards of effluent quality to ensure no degradation of the River Boyne water quality.

The sludge generated from Navan, as well as those from other areas of the County, is treated at the Navan Works, having a sludge handling capacity of 80,000 population equivalent. The plant recycles waste gases from the sludge treatment process to produce heat and power to offset the power demands of the plant. Considerable emphasis was given to the visual impact of the proposed development and renovation of the existing facilities and pumping stations. These facilities are screened from the surrounding countryside by extensive landscaping and all buildings are designed to blend with existing buildings in the vicinity.



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