



MOUNTMELICK SEWERAGE SCHEME, STAGE 2

Preparation of Preliminary Report for Scheme

Client: Laois County Council

SUMMARY:

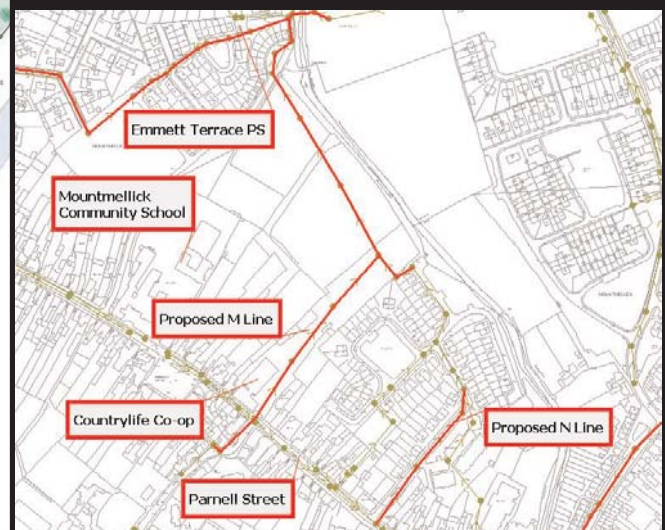
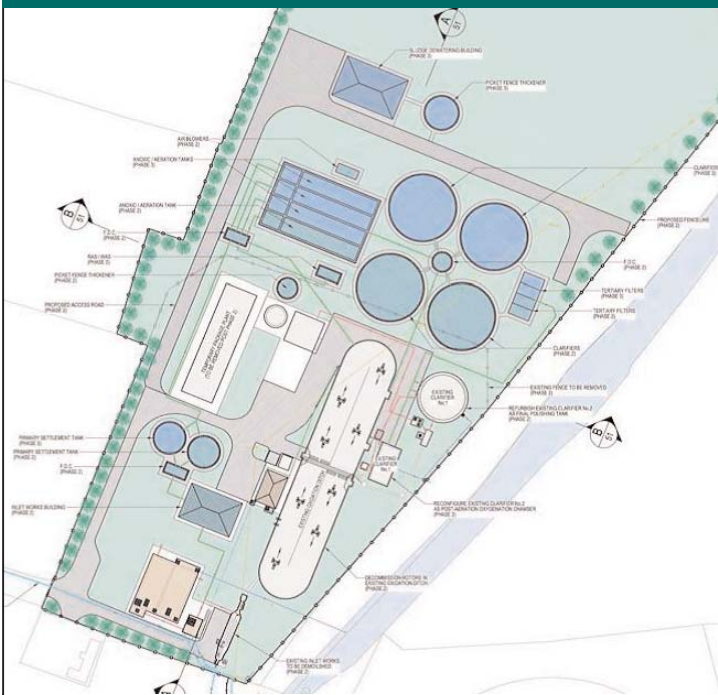
Scheme Value: €167k (Fees)
Status: Preliminary Report and EIS (Stage 1) complete

Services Provided:
 Preliminary Design of WwTW & Network Upgrades
 Environmental Impact Assessment
 Hydraulic Modelling of Sewer Network
 Management of Preliminary Contracts (CCTV/SUS, Topographical, Impermeability surveys)

The Mountmellick Sewerage Scheme, Stage 2, allows for the staged upgrade of the Wastewater Treatment Works to meet more stringent effluent standards, required under the Surface Water Regulations, and to provide capacity for future development.

Nicholas O'Dwyer procured and managed preliminary investigative contracts such as CCTV/SUS Surveys, Topographic surveys, Impermeability surveys. A network hydraulic model was built and calibrated and the existing network analysed to identify hydraulic deficiencies. Proposed upgrades to eliminate overflows and a programme of rehabilitation works was recommended.

An Environmental Impact Assessment was carried out and an EIS and Appropriate Assessment reports prepared and submitted to An Bord Pleanála for approval for the scheme.



Nicholas O'Dwyer
 CONSULTING ENGINEERS