



FETHARD WATER CONSERVATION PROJECT.

Metering of Non-Domestic Water Connections

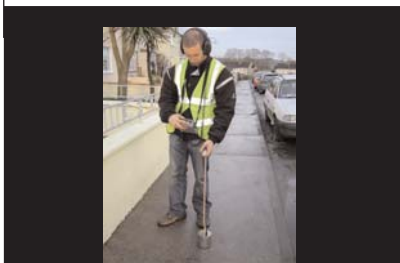
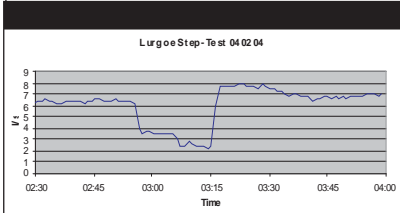
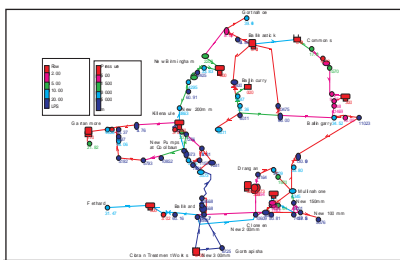
Client: South Tipperary County Council

SUMMARY:

Value: €350,000

Firm: Nicholas O'Dwyer Ltd

Status: Pilot Scheme Stage completed 2004



Description:

The project involved the installation of District Meters, the undertaking of Water Audits, Step Tests and Leak Location and Repair activities, the installation of Pressure-Reducing Valves and the review of system data in order to formulate a strategic plan for County-wide implementation.

The benefits of the project include reduction in water abstraction, treatment and pumping costs, improved network pressures, and targeting leak location and repair activities into areas of greatest need

Services Provided by Nicholas O'Dwyer:

- Hydraulic modelling of network
- Design and procurement of District Meters and Telemetry - Outstations
- Design and implementation of leak location and repair programme
- Design of pressure management and pump control systems
- Training of Client's in-house staff
- Network condition appraisal and rehabilitation assessment and cost estimate
- Preparation of Project Report and Strategic Plan

Principal project statistics:

- Water distribution network: 340 km
- New District Telemetry Outstations Installed: 26 no.
- Leakage Reduction from 50-55% to 30-35% in priority zones
- Strategic Construction Cost Estimate: 8 million