



# KILDARE NON-REGIONAL WATER CONSERVATION PROJECT

Metering of Non-Domestic Water Connections

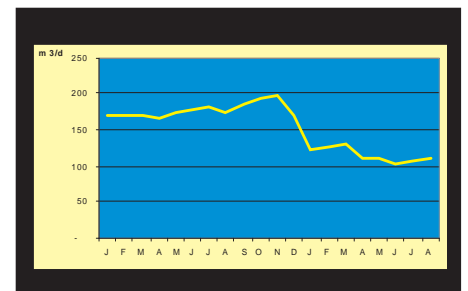
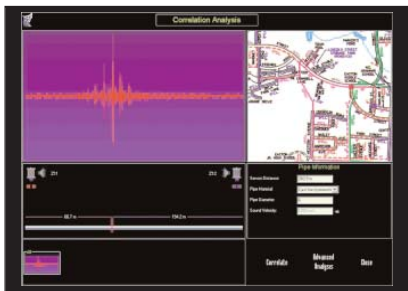
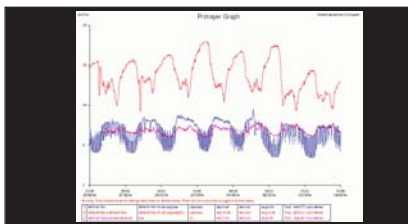
**Client: Kildare County Council**

## SUMMARY:

**Value:** €700,000

**Firm:** Nicholas O'Dwyer Ltd

**Status:** Phase 1 Stage completed 2007



## Description:

The project involved the installation of District Meters, the undertaking of Water Audits, Step Tests, Leak Location and Repair activities and the review of system data in order to formulate a strategic plan for further 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 Ltd:

- Hydraulic modelling of network
- Design and procurement of District Meters and Telemetry Outstations
- Design and implementation of leak location and repair programme
- Network condition appraisal and rehabilitation assessment and cost estimate
- Preparation of Project Report and Strategic Plan

## Principal Project Statistics:

- Water distribution network: 300 km
- New District Telemetry Outstations Installed: 30 no.
- Leakage Reduction from 45-55% to 20-30% in priority zones