

## Non-Domestic Water Audits & Efficiency Programmes

## Area of Expertise

Using the vast experience gained by work undertaken on many water distribution systems, the JOAT Group of Companies has extended its expertise into the water efficiency market, providing conservation programmes for industrial, commercial and residential consumers.

The water conservation programme comprises of detailed field measurements, audits and analyses, as well as a retrofit or repair of existing metering equipment, principal pipes and consumer plumbing.

JOAT carries out the following services:

- Water audits (including current use practice and identification of wastage)
- Leak detection and repair of underground pipes, including updating of plans
- Leak location and repair on consumer plumbing
- Preparation of Water Efficiency Plans
- Design and installation of water-saving devices
- Design and implementation of pressure control devices
- Consumer meter evaluation for accuracy
- Flow and pressure measurements before and after corrective measures
- Water reuse studies
- Follow-up maintenance inspections and corrective action to ensure sustained savings

