

## Mapping Your Water System

## Information Sheet

### Why mapping?

- Speed of operation of system apparatus
- Ease of planning for future alterations to system
- Ease of understanding how the system works
- ISO 14001, simplify the management of your effect on the environment
- Legionella risk assessments – schematics recommended in the Code of Practice

### What we do

We create digitized maps of water systems to provide people with the detail that they need about the location of valves and other apparatus to effectively control the system in day-to-day use and in emergencies. Our mapping is tailored to customer needs, taking account of information already available. The mapping is usually conducted in three stages: -

#### 1. A review of the current situation

- review any drawings available
- review of local knowledge regarding the system
- assessment of the confidence in the accuracy of information available
- agreement / determination of the level of detail required to be recorded
- format for the provision of the drawings

#### 2. Site survey

- confirmation / verification of the accuracy of information already recorded
- supplementary survey work as required to determine additional detail
- assessment of the plant and valve apparatus, if required
  - condition survey
  - serviceability of valves, hydrants, etc.

#### 3. Mapping

- digitized plot of system supplied in paper and/or digitized format
- report upon system, if required

Whilst surveying the system we assess and advise upon the ease with which the system can be managed. We advise upon aspects of system management. See our information sheets on **leak management**, **metering** and **system management**.

**Accurate plans - the key to effective water system management.**

*...providing solutions*

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