

# TRENCHLESS WORLD CONGRESS

## Medellin, Colombia

### Developments in Buried Asset Information in the UK and the impact on trenchless technology

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Jo Parker is a chartered civil engineer and has worked in the water industry for over 40 years. She has held a variety of roles with UK water companies up to Director level and has worked in a variety of other countries. She was awarded the MBE by the Queen in 1996 for services to the water industry. She currently works as an independent consultant specialising in the management of water mains and is recognised internationally as an expert in the field.

#### **Abstracts**

Knowing what buried assets are where is essential for all streetworks but especially important for trenchless work. In some parts of the UK, notably Scotland and Northern Ireland there is already a one call system for the provision of streetworks. However, in England and Wales, there has not been any common system and anyone requiring information about buried assets must cope with a variety of formats and standards.

However, over the last few years a number of developments have improved the standard and availability of buried asset information.

The first of these was the production of a standard for buried asset surveys. Until this time surveys had no quality control and might not always be fit for purpose. A new publically available specification (PAS) was developed by the Institution of Civil Engineers in co-operation with the British Standards Institute (BSI) PAS 128<sup>i</sup>

Following this a second PAS was developed which set standards for the capturing of newly installed buried asset information. This new standard, PAS 256<sup>ii</sup> has just been published.

Finally the development of 'asset tags' has allowed an entirely new approach to asset records. This has been allowed for in the above publications and trials have been extremely successful with the tags offering a visibility of what lies below the street never encountered before.

The paper will detail all 3 developments and the impact on trenchless technology.

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<sup>i</sup> British Standards Institute PAS 128 Specification for underground utility detection, verification and location London 2014

<sup>ii</sup> British Standards Institute PAS 256 Buried Assets – Capturing, recording, maintaining and sharing of location information and data – Code of Practice. London 2017