

## Abstract No 12

### **WATERMAIN CLEANING and PREPARATION**

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Watermain cleaning and preparation is an integral component in the operation and maintenance of any municipal water system, and is undertaken for a variety of reasons.

This interactive presentation will provide an overview of the many different methodologies for cleaning and preparing mains that are available to staff who manage water systems. Some of the issues that will be examined will be the purpose of the exercise, whether it can be done by in-house staff or requires outsourcing, the effectiveness of the cleaning technology and its limitations, the history of cleaning operations undertaken previously and will undertake to assess them. A summary of each method will list advantages and disadvantages of each, with the audience contributing.

Another secondary issue that is becoming increasingly important and will be incorporated into the presentation is the high use of water. Some jurisdictions are now mandating that water use for any and all operations be controlled and not wasted, and innovations to address this are now beginning to come forward.

Number types

In house or outsource

Limitations

Purpose

Cost

Effectiveness

In fashion

Current use