

# Intrusive Inspection Services



## OVERVIEW

When sections of pipeline are removed from the water network AESL offer a full intrusive inspection procedure.

The inspection outputs can be tailored to individual client's requirements. Typically the procedure is composed of the following:

### Internal and external examination as received

- External coating and internal liner inspection
- Inspection of internal tuberculation (as per WRC Publication, "Assessing the Condition of Cast Iron Pipes")



### Internal and external examination following cutting and grit blasting

Following cutting and grit blasting activities the pipe section is inspected in detail.

- All internal and external defects are identified and measured
- Corrosion, pit depth, width, orientation and general distribution can be reported
- All areas of through wall corrosion are reported



## Soil Analysis

Where soil samples related to pipe samples are provided AESL offer a full soil inspection process. This is undertaken in accordance with the AFNOR Scheme, A05-250 "Evaluation of Ground Corrosiveness"

## Inspection Outputs

These are tailored to individual client's needs. Typical examples of the inspection outputs are:

- remaining life to through wall corrosion
- remaining bending strength
- pipe condition inputs to line/replace decisions (specifically aimed at section 19 rehabilitation projects)

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