

Confidence Grading Underground Assets (Pipes)

Example Table of Standard Confidence Factors

Position	Position	Date Installed	Size	Material	Condition Grade	
					Internal	External
New Scheme	A1	A1	A1	A1	A1	A1
Pipe	A1	As Existing*	A1	A1	A1	A1
Field Data Capture	A1	As Existing*	A1	A1	A2	C3

Confidence Factors - Position (Per Pipe Length)

Reference

Source

- A1** - As Constructed drawing
- Verified asset survey (pipe sampling)
 - Verified standard survey
 - Opportunistic site data collection.
- A2** - Non-verified standard survey
- As detailed on mains record drawing certified up to date and correct by an operational supervisor.
- B3** - Extrapolated from 1 and 2 type data
- As detailed on mains/sewer record drawings not certified up to date.
- C4** - Incomplete mains records with no 1 and 2 type data available to extrapolate.
- D5** - Basic schematic and spiders (no background)
- Location estimated for continuity of network
 - Unconfirmed verbal reports.
- Note** It is possible to have several categories of locational accuracy on one plan and plant should be marked accordingly

Confidence Factors - Date (Per Pipe Length)

Reference

Source

- A1** - As Constructed drawing/record
- Date laid stated in certified mains record drawing
- A2** - Age estimated from construction of properties served by main
- Data obtained from planning records, customer account etc.
 - Verified survey data
- B3** - Estimated from age of property served by main based on style or type
- C3** - Unconfirmed verbal reports from operational supervisor.