

# **CASE STUDY LOOK AT THE ASSET MANAGEMENT OF WATER PIPELINES**

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## **ABSTRACT**

The role of corrosion and condition assessment techniques to assist in the asset management of pipelines is discussed, with particular emphasis on the need to generate quantitative probability data.

Three case studies are discussed, using a range of condition assessment techniques, including Remote Field Eddy Current “intelligent pigging”, electrochemical soil testing and visual inspections.

An important outcome of some investigations is the production of a Materials Management Plan, which assists in the cost-effective operation of an existing pipeline.

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