



**PIPELINE  
CONDITION  
ASSESSMENT**  
A Division of ADE Consulting Group

## PCA-ADE Overview

*ADE Consulting Group provides Engineering and Scientific Services to support clients in understanding and managing the risks associated with fixed asset infrastructure, across the Environmental, Building, Transport and Water Industries.*

This is achieved by acquiring data through a range of testing and analytical techniques, and presenting the data, and its interpretation, to clients.

ADE is a Privately-owned business with over 20 years' experience, employing over 120 staff, comprising Engineers, Scientists and Technicians, at 3 locations in Australia - Sydney, Newcastle and Melbourne. ADE's **NATA Accredited Chemical Laboratory** is located at Silverwater, Sydney.

PCA is a **Specialist Consultancy, Contractor and Researcher** dedicated to the **Water Industry**, and has operated since 1997 (*under different companies*), assessing more than **3800km** of water and wastewater pressure pipelines using a variety of techniques, and has proprietary technologies, such as **SoilCorr**, and algorithms, **EnviroStat** and **PipeFail**. Other techniques utilized over the years include **PipeForm** (Informed Desktop), Hydroscope® ILIT, **RFT Mainscan®**, Pipe Coating Survey (PCS), Ultrasonic testing (UT), correlation leak detection and acoustic wall thickness assessments. PCA has also provided Expert Witness consulting in legal cases. It employs a team of Engineers and Scientists to:

- **Design, Conduct (Inspect), Analyze, Assess and Report** on water pipelines.

PCA has conducted major condition assessment projects for Queensland Urban Utilities, Seqwater, Hunter Water Corporation, Sydney Water Corporation, Water Corporation (of Western Australia), Singapore PUB and Hong Kong WSD.



# We Know Pipelines



Accreditation Number S1410994MA



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