

# Project Summary

## South West Loddon Pipeline Project

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CLIENT	GMMWater
LOCATION	South West Loddon, VIC
PROJECT VALUE	\$90M

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### Project Description

Hydraulic modelling and optimisation of the West Loddon Water Supply Project, detailed design and documentation of approximately 1400 km of DN 450 to DN 50 pipelines and 3 tank storage sites. Detailed civil, mechanical, electrical and telemetry design and documentation of 8 pumping stations. Preparation of O&M manuals and as-constructed information.

The system required supply from multiple sources with complex operating conditions. Modelling of multiple operating modes was required to meet all conditions.

Facets of work completed include:

- Pipeline hydraulics and modelling
- Pipeline design and documentation
- Pump station design
- Detailed system control philosophy
- SCADA/Electronic control systems
- O&M Manuals
- Project management
- As-constructed documentation

