

## PROJECT SUMMARY

# Quakers Hill - Purified Recycled Water Scheme

CLIENT : Sydney Water

PROJECT VALUE : \$500M

ENGAGEMENT PERIOD :

### PROJECT OVERVIEW

The Quakers Hill Purified Recycled Water project includes the upgrading of the outflows from the Quakers Hill Water Resource Recovery Facility to Australian Guidelines for Water Recycling (AGWR) phase 2 quality as well as network augmentation to transport treated water to Prospect Reservoir, associated tank infrastructure, and a brine discharge line. The 14km pipeline between Quakers Hill and Prospect Reservoir will interface with numerous existing utilities, posing significant risks that must be managed carefully during design and construction to ensure project success.



### Involvement

Croi personnel conducted a utilities impact assessment for the preferred proposed pipeline alignment from Bungarrabee Road to Prospect Reservoir.

- Involvement included:
- Digital engineering
- Clash detection and impact assessment
- Provide subject matter expert advice
- Risk assessment

### Key Interfaces

- Sydney Water

### Key Achievements

- Identify major utilities interface risks associated with the preferred alignment and provide utilities information in an easily understood format for use as reference by the concept design service provider.

### Key Benefits

- Identify major utilities interface risks associated with the preferred alignment and provide utilities information in an easily understood format for use as reference by the concept design service provider.