



PROJECT REFEREE

Stefan Dencic
 Project Manager
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CLIENT

Monadelphous (Hunter Water)

FB ROLE

Subcontractor

VALUE

\$1.9M

LOCATION

Wyee, NSW

TIME FRAME

December 2019 – current

INDUSTRY

Wastewater

CAPABILITIES

Renewals Water & Wastewater

Sewer & Water Reticulation

Wyee Backlog Sewerage Scheme

Overview

The project initially provided a reticulated sewer system to four hundred lots within the existing urban area of Wyee, New South Wales with the aim of reducing environmental, cost and public health issues surrounding the existing on-site pump-out and septic tank systems.

Works Undertaken

- Excavation, installation and backfill of 77 manhole structures to residential areas, ranging from 2–7m in depth
- Trench, bed, lay & backfill 5100m of DN100 & DN150 gravity mains to depths of up to 6m
- Installation of 163 property connections at each property and under-boring of driveways where required, and construction into properties
- Excavation, shoring, dewatering, maintenance of excavation/trench and backfilling to provide access for trenchless pipe installations
- Community engagement and communication throughout project duration
- Transportation of excess spoil to nominated disposal locations
- Rehabilitation and restoration of grass/turf areas and road pavements, kerb and gutter

Highlights, Innovations and Key Risks

- Installation of structures to depths of 6m in wet, sandy conditions requiring management of dewatering setups and deployment of shoring systems
- Management of community expectations around property access and construction works impacting private properties was key to the success of this project