

Harmony - Sewer Pump Station

Palmview | Sunshine Coast



Scope of Works

Supply and installation of over 5km of DN355 PE100 Sewer Rising Main to connect the new Palmview Pump Station to the Kawana Sewerage Treatment Plant.

The project also included the requirement of dual 220m DN315 PE100 lines to be tunnel bored under the Mooloolah River.

The Shadforth Scope of Works included:

- 4.2m diameter poly-lined wet well
- 8.8m depth to invert of the wet well
- 18m² switchboard room
- Acid sulphate resistant due to a sulphate resistant concrete mix
- Odour controls unit
- Asphalt access and concrete wash-down bay
- Connection of 600mm diameter trunk gravity sewer
- Connection of 355mm diameter rising main
- 2km of temporary watermain for the pump station's water supply.

Project Overview

Client

Avid Property Group

Start Date

June 2017

Completion Date

October 2017

Contract Sum to Date

\$5.2 Million

Shadforth Team

Construction Manager

Jeremy Linton

Project Manager

Ed Wilkinson

Project Engineer

Alex Watson

Site Supervisor

Anthony Rook

Safety Manager

Grant Fowler

Quality Assurance

Brendan Wilkinson

Environmental Officer

Ben Francis

Project Particulars

2km of the rising main alignment was required to be completed in a 10m corridor and in a tidal area which resulted in sensitive environmental conditions.

Shadforth adopted extra sediment, erosion and water quality management throughout the project.

