

## RECYCLED WATER PUMP STATION NORTHERN WASTE WATER TREATMENT PLANT



**fgf's** Civil Construction Division delivered a recycled water pump station including platform, access and associated distribution Mains at the Northern Wastewater Treatment Plant for Cairns Regional Council Water and Waste. The pump station was constructed over the existing chlorine contact tank and tied into existing infrastructure including adjacent platforms, pipework, communications and actuation systems. The types of work involved in this project included in-ground and above ground pipework, supply and installation of control panels and instrumentation, and integration with the existing SCADA system.

Project opportunities and challenges included:

- Project complexity (challenging construction program, coordination with other trades packages)
- Proactive relationship management with many stakeholders
- Proximity to multiple services along pipe alignment
- Development of solutions such as regrading sections of pipework to provide sufficient separation to existing services

**Fgf** was able to deliver this project on time and on budget.



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**Location:**

Cairns

**Client:**

Cairns Regional  
Council,  
Water & Waste Dept.

**Civil Engineering**

**Consultant:**

SKM

**Duration:**

May 2013 – Oct 2013