

TRILITY was selected by Unitywater to operate and maintain existing facilities while delivering the Design, Build, Operate and Maintain contract for the rehabilitation of the Redcliffe Sewage Treatment Plant in South East Queensland



The project delivers an optimum service to residents and businesses in the suburbs of Rothwell, Kippa-Ring, Redcliffe, Clontarf, Scarborough, Margate and Woody Point.



TRILITY's contract with Unitywater ensures the sewage treatment plant has the capacity, serviceability and performance to meet the needs of the Redcliffe Peninsula communities.

TRILITY is undertaking the rehabilitation of the Redcliffe Sewage Treatment Plant (STP) and operates it on Unitywater's behalf until 2022. Once rehabilitated, the facility will deliver services to a community of approximately 70,000 residents and businesses in the Redcliffe Peninsula and surrounding areas.

The rehabilitation of the Redcliffe STP incorporates a new odour control system, new inlet works, new aerobic digesters, a major electrical upgrade and a new SCADA/PLC system.

This rehabilitation project reduces the risk of environmental non-compliance and ensures Unitywater continues to meet its environmental obligations. It maintains treatment capacity equivalent to a community of 70,000 until 2026.

While TRILITY operates and maintains Redcliffe facility, Unitywater remains the holder of the Environmental Licence.



Who

Unitywater is a statutory authority that provides water and wastewater services to the Moreton Bay, Sunshine Coast and Noosa local authority areas.

What

The Redcliffe STP services residents and businesses from the suburbs of Rothwell, Kippa-Ring, Redcliffe, Clontarf, Scarborough, Margate and Woody Point.

Where

Located in the suburb of Clontarf on the Redcliffe Peninsula.

Why

Unitywater commenced operation of the STP in June 2012 and began remediation works at the facility in order to maintain a safe working environment. TRILITY took over operations and maintenance in March 2015 and construction enabling works commenced in July 2015.

Snapshot

Client	Unitywater
Type of Contract	Design, Build, Operate and Maintain (DBOM)
Facilities	Sewage treatment plant
Technology	Biological Nutrient Removal
Term	8 years



For further information

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