

Providing value for money solutions to local wastewater treatment



TRILITY operates and maintains the Birdwood and Kersbrook Wastewater Treatment Plants (WWTP) and associated reuse infrastructure for the Adelaide Hills Council.



The Adelaide Hills Council has a number of communities not connected to the deep sewer system and rely on waste management systems which treat waste from customer on site effluent schemes at a central plant such as the Birdwood and Kersbrook Wastewater Treatment Plants (WWTP)

The WWTPs and associated reuse facilities were built by the Council using local contractors. The location of the infrastructure is within the Adelaide Hills catchment area and as such the discharge performance is critical.

The Council chose TRILITY through an open tender process recognising our ability to leverage off existing operations in the region to deliver a very cost-effective solution whilst still providing the benefits of contracting with a national water utility specialist such as TRILITY. The project includes strict Environmental Protection Authority (EPA) licence criteria and beneficial reuse of the wastewater.



Who

The Adelaide Hills Council provides services for 40,000 residents east of Adelaide. The Birdwood WWTP serves the small communities of Mt. Torrens and Birdwood, and the Kersbrook WWTP serves the small community of Kersbrook, providing a sustainable treatment and disposal method for Community Waste Management Scheme (CWMS) wastewater.

What

Operations and maintenance of the existing wastewater treatment plants and associated reuse infrastructure and provision of high-class reuse water to nearby ovals and vineyards.

Where

Birdwood and Kersbrook, located approximately 45km north-east of Adelaide in the Adelaide Hills.

Why

To minimise the impact to the environment within the Adelaide Hills catchment area.

Snapshot

Client	Adelaide Hills Council
Type of Contract	Operations and Maintenance (O&M)
Facilities	Two wastewater treatment plants and associated reuse infrastructure
Technology	Sequence batch reactor / facultative lagoon system
Design Capacity	>350kL/d
Term	1 + 1 + 1
Capital Cost	N/A



For further information

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