

# Providing value for money solutions to local wastewater treatment



TRILITY operates and maintains the Birdwood Wastewater Treatment Plant (WWTP) 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 Wastewater Treatment Plant (WWTP).

The Birdwood WWTP facilities were built by the Council using local contractors. The location of the plant 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, providing a sustainable disposal method for Community Waste Management Scheme (CWMS) wastewater.

## What

Operations and maintenance of the existing wastewater treatment plant and provision of high class reuse water to nearby ovals and vineyards.

## Where

Birdwood, 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	One wastewater treatment plant and associated reuse pump station
Technology	Sequence Batch Reactor
Design Capacity	350 kL/d
Term	7 years
Capital Cost	N/A

### For further information