



Bulahdelah – Water Re-Source Plan

Bulahdelah, New South Wales, Australia

Bulahdelah is a town on the NSW mid North Coast. The Bulahdelah water supply is drawn from the Crawford River and treated in a conventional filtration plant. Wastewater is treated in an intermitted conventional plant with downstream chlorination and sand filtration.

The deteriorating quality of the source water, the impact on the river and a proposed major development have prompted MidCoast Water to investigate options to manage water issues in Bulahdelah.

HydroScience is developing an integrated plan for water supply, sewerage and stormwater services.

The plan includes review of alternative sources of water, water recycling strategy for sewage effluent and stormwater and development of integrated solutions. The solutions will be assessed on a triple bottom line (TBL) criteria to identify the most suitable strategy.

Integrated water management (IWC) strategies have been developed for large areas, mainly local government areas. The re-source plan is an innovative concept, applying the IWC principals to identify integrated solutions for a town.

Project Overview

Highlights

- ❖ Integrated study for town
- ❖ Improvements to water supply and recycling
- ❖ Environmental improvements
- ❖ TBL assessment
- ❖ Application of IWC principles to a single town

Details

Completion Date: Current

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