

Mudgee PAC Dosing System

Chemical Dosing System

Key Elements

- PAC dosing system
- Bulk bag loading
- Safety conscious design



PAC Bulk Bag Loading System

Background

Mid-Western Regional Council manages the 15 ML/d Mudgee WTP, which delivers treated water to the town of Mudgee. Council had been experiencing issues with taste and odour in their treated water.

Project Scope

A new Powdered Activated Carbon (PAC) dosing system was proposed to deal with taste and odour, and possible algal toxins in the water. The system would include a bulk bag loading system with vacuum transfer to storage hopper, eductor, and transfer pumps. A new building would be constructed to house the system.

Our Role

After consulting with Council to define the scope of the project, Water Services were engaged to complete a Concept Design, Specification, Tender Evaluation, Technical Advice, and Commissioning for the new system.

Outcomes

Water Services successfully delivered a design for the PAC dosing system and building, and assisted the client through the tendering and construction process. The system was completed and commissioned in 2009.



Mudgee PAC System Building

Location: **Mudgee WTP, NSW**

Client: **Mid-Western Regional Council**

Project Description: **PAC Dosing System – Bulk Bag**

Total Project Value: **\$XX M**

Consultancy Fees: **\$ X M**

Year Completed: **2009**

Water Services

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