

# Willow Vale Reservoir

## 10ML Prestressed Concrete Reservoir

### Key Elements

- 10ML capacity PC reservoir.
- 36m internal diameter.
- 10.8m height.



Reservoir construction

### Background

Wingecarribee Shire Council required a 10ML water storage reservoir as part of the Mittagong Water Supply Augmentation in order to cater for an anticipated population increase in the Willow Vale area. The reservoir is located adjacent to the Highlands Golf Course, which is approximately 6km north-east of Mittagong.

### Project Scope

The project involved the construction of a 10ML new concrete reservoir and associated civil engineering site works.

### Our Role

Water Services was involved in the following:

- Delivered design, construction drawings and tender documentation enabling the contractor to carry out detailed design and construction of the reservoir and associated civil works.
- Reviewed contractor's design, drawings & specification and provided technical advice to the contractor to meet tender document requirements.
- Provided on going technical advice for construction issues on site.

### Outcomes

This project outcome was a new reservoir capable of providing potable water with reliable water pressure to the consumers in Willow Vale areas.

Location: **Willow Vale, NSW**  
Client: **Wingecarribee Shire Council**  
Project Description: **10ML Potable Water Reservoir**  
Total Project value: **Approx \$4.1 M**  
Consultancy Fees: **\$32 K**  
Year Completed: **2009**



Completed reservoir

## Water Services

### Principal Engineer

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**Public Works**  
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