

Muswellbrook Shire Council  
60-82 Bridge Street  
Muswellbrook, NSW 2333

Approval number: WAMS 15079

## Notice of determination

### Section 60 approval for Denman Water Treatment Plant

I am writing to inform you that on 13<sup>th</sup> November 2023, I, the Director Local Water Utilities, as delegate of the Minister for Lands and Water, in accordance with section 60 (b) of the Local Government Act, have granted approval for your application, Denman Water Treatment Plant, Lot 224, 158 Rosemount Road Denman NSW.

The approval is subject to the following conditions:

- Consistency with design - a local water utility can only construct drinking water treatment works that are consistent with those approved, or that it allows for sewage to be discharged, treated or supplied in a way that is broadly consistent with the way that was approved. Some degree of variation is acceptable to ensure that the practical realities associated with design and construction, or treatment and discharge, are accounted for.
- Consistency with standards - Local water utilities must always adhere to any relevant legal, regulatory, industry or technical standards in completing the works (including environmental planning requirements where relevant).

The approval operates from 20<sup>th</sup> October 2023.

#### Scope of approval

Works are approved as described in Table 2.4 located in *Technical Specification A: Process Denman to Sandy Hollow Water High Security Pipeline*

Approved works comprise:

New construction:

- 3 sedimentation lagoon clarifiers and supporting pipework.
- Alum dosing system
- Sulfuric acid dosing system
- Second UF filtration train

Integration with and upgrade of existing infrastructure:

- Upgrade WTP control system to integrate with existing raw water pump control.
- Convert existing sludge lagoons to UF CIP waste storage and evaporation lagoons.
- Decommission, remove, and dispose of existing pressure filters.
- Upgrade membrane CIP system to include new recirculation tank.
- Integrate existing horizontal Norit Ultra-Filtration (UF) skid with new UF Train 2.
- Integrate new UF Train 2 to existing Surge Tank and UF Backwash Tank.

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- Integrate existing UF Train 1 and new UF Train 2 to CIP system.
  - Capacity upgrade/modification to sodium hypochlorite storage arrangement.
  - Install new fluoride dosing point for existing fluoridation system to dose into treated water pipeline.

#### **Reviews/ appeals**

Section 9 of the Regulatory and Assurance Framework for Local Water Utilities outlines the review process for decisions made by the delegated departmental decision maker. Should your council wish to review part or whole of this decision then make contact with the contact officer below.

The department will monitor the conditions attached to your approval.

Your contact officer for this approval is Duncan Harrison, Senior Project Officer, who can be contacted by email at [Duncan.harrison@dpie.nsw.gov.au](mailto:Duncan.harrison@dpie.nsw.gov.au).

Sincerely,



Jane Shepherd

Director Local Water Utilities

Department of Planning and Environment - Water