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Bega Valley Shire Council  
Zingel Place  
PO Box 492 Bega NSW 2550

Approval number: 16017

## **Notice of determination**

### **Section 60 approval for Bega Water Treatment Plant**

I am writing to inform you that on Wednesday, 20 March 2024, I, the Director Local Water Utilities, as delegate of the Minister for Water, in accordance with Section 60 (b) of the Local Government Act, has granted approval for your application, Bega Water Treatment Plant and Newtown Road, Bega NSW 2550.

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. 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).

#### **Scope of approval**

As detailed in the 22-008 Bega WTP - Design Report January 2024. The scope of works for approval includes:

- Incorporation of existing 3.8 ML raw water tank and existing 4.5 ML clear water tank
- A 70kL oxidation tank
- Three No. 331/3% ultrafiltration trains including individual UF feed pump, 200-micron strainer and DuPont Memcor XP-E36L40N filtration unit fitted with 36 No. L40N ultrafiltration modules.
- Duty/standby Xylem LBX 1500e UV systems (dose rate >100mJ/cm<sup>2</sup>)
- Rooms within main WTP building for chemicals, machinery, electrical, office/laboratory, lunch/crew room and amenities.
- Wash water handling, consisting of:
  - Wash water tank

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- Sludge thickener
  - Supernatant return
  - Four (4) sludge drying beds.
  - New chemical dosing systems for caustic soda, aluminium chlorohydrate (ACH), potassium permanganate
  - Integration of existing chemical dosing systems for chlorine gas and fluoride.
  - UF chemical cleaning and neutralisation chemicals include.
    - sodium hypochlorite (cleaning)
    - sulphuric acid (cleaning and neutralisation)
    - citric acid (cleaning)
    - and caustic soda (neutralisation)
  - Electrical and control works.
  - Interconnecting pipework throughout the treatment plant

The approval operates from 20/03/2024.

#### **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 (Regulatory Assessments), who can be contacted on email at [duncan.harrison@dpie.nsw.gov.au](mailto:duncan.harrison@dpie.nsw.gov.au).

Sincerely,



Jane Shepherd

Director Local Water Utilities

Department of Climate Change, Energy, the Environment and Water - Water