

Lismore City Council  
43 Oliver Avenue  
Goonellabah NSW 2480

Approval number: 14533

## Notice of determination

### Section 60 approval for Containerised Filtration Unit at D.E. Williams Dam, Nimbin Water Treatment Plant

I am writing to inform you that on the 1st February 2023, the Director Water Utilities, as delegate of the Minister for Lands and Water, in accordance with section 60 of the Local Government Act, has granted approval for the Containerised Filtration Unit at Nimbin Water Treatment Plant.

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 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).
- A Trade Waste Application will need to be submitted for the sediment waste stream proposed to be transported to the nominated Council STPs for disposal.

The approval operates from 1 February 2023.

#### Scope of approval

The approved treatment works include:

- Installation of 2 commercial grade treated water storage tanks (34kl each) and 2 backwash storage tanks (32 kl each) inclusive of all pipes and fittings to connect the unit.
- MF1200 Filtration Unit (preconstructed) to be commissioned and maintained by Osmoflo.
  - Capable of treating initial turbidity of 10 NTU to a final turbidity of <1 NTU.
  - Capacity to treat 636 kl per day, where peak demand is calculated at 485kl per day.
  - A turbidity meter will be installed post the containerised filtration unit to verify performance.
  - Filtration will generate a sludge waste stream predicted to be 300L per day. This waste is to be transported via vacuum excavation truck to both Nimbin STP and East Lismore STP sludge lagoons for disposal.
- Clean in Place (CIP) Chemical feed and storage system and CIP waste neutralisation tank. It is understood this will be installed within the first 3 months of operation to avoid delays in treatment.
- ACH dosing if it is found to be required.

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**Reviews/ appeals**

The department will monitor the conditions attached to your approval.

Your contact officer for this approval is Nicholas Sutton who can be contacted via email at [nicholas.sutton@dpie.nsw.gov.au](mailto:nicholas.sutton@dpie.nsw.gov.au).

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Shepherd', is positioned above the typed name.

Jane Shepherd

Director Local Water Utilities  
Water Operations