

Nambucca Valley Council  
44 Princess Street  
Macksville NSW 2447

Approval number: 15141

## Notice of determination

### Section 60 approval for upgrading of the Bowraville Water Treatment Plant.

I am writing to inform you that on the 19th of June 2023, the Director Water Utilities, as delegate of the Minister for Lands and Water, in accordance with section 60 of the Local Government Act and section 292(1)(a) of the Water Management Act, has granted approval for the construction of the upgrades to Bowraville Water Treatment Plant, Missabotti Road Bowraville.

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).

The approval operates from 19<sup>th</sup> of June 2023.

### Scope of approval

The approved treatment works include:

Updating the current water treatment facility to include:

- Installation of a Wedecco LBX/1500e twin vessel UVT system, with peak flow of 320L/s validated to >15mj/cm<sup>2</sup> UEPA UVDGM 2006 standard. To be validated for 4 log reduction of Cryptosporidium.
- Provide baffling to the 160 kL chlorine contact tank and upgrade the chlorine dosing system, to achieve a minimum Ct of 15mg/min/L.
- Additional works include:
  - Replacement of flow meter for final product outlet
  - Installation of a new flow meter on delivery side.
  - Installation of new generator supply plug.
  - Rebuild of old chlorine bund - 110% of containment capacity.

### Reviews/ appeals

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The department will monitor the conditions attached to your approval.

Your contact officer for this approval is Duncan Harrison who can be contacted via email at [duncan.harrison@dpi.nsw.gov.au](mailto:duncan.harrison@dpi.nsw.gov.au).

Sincerely,

A handwritten signature in blue ink, appearing to read 'J Shepherd', enclosed in a thin black rectangular border.

Jane Shepherd

Director Local Water Utilities  
Water Operations