

Clarence Valley Council

2 Prince Street

Grafton, NSW 2460

Approval number: WAMS 17233

Notice of determination

Section 60 approval for Rushforth Road WTP disinfection upgrades

I am writing to inform you that on 24th January 2024, 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 for works at Rushforth Road Water Treatment Plant, 701 Rushforth Road, Rushforth NSW 2460.

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).

Microbial Health Based Targets (MHBT) – The approved scope of works does not bring the Rushforth Road WTP inline with NSW Health MHBT requirements. Council will need to demonstrate how they intend to deliver the works identified in the site master plan in order to meet MHBT requirements.

Scope of approval

The approval operates from 23rd January 2024.

Works are approved as described in the document 'Rushforth Road CCT and Reservoir Reference Design Reference Design Report, Beca hunter H2O, March 2023'. Approved works comprise:

- Dedicated free chlorine disinfection using the existing Chlorine storage and dosing system with a new dosing point prior to the new 1.8 ML chlorine contact tank.
- Fluoridation using the existing fluoride storage and dosing system with a new dosing point prior to the new 16ML treated water storage.
- Chloramination using aqueous ammonia dosing, utilising the existing storage and dosing system and a new dosing point at the outlet of the new chlorine contact tank prior to the new 16ML treated water storage.
- The provision of a new chlorine contact tank with a minimum 1.8ML working volume and a minimum baffle factor of 0.4. using three baffle curtains.
- Provision of a new, circular 16ML Treated Water Reservoir.
- Decommissioning the existing 32 ML treater water storage.

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 Ian Burrows, Senior Urban Water Planner, who can be contacted by email at ian.burrows@dpie.nsw.gov.au.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jane Shepherd".

Jane Shepherd

Director Local Water Utilities
Local Water Utilities Branch