



Timeline

- ✓ **Site Establishment**
February 2020*
- ✓ **Demolition of Existing Structures**
March 2020
- ✓ **Commencement of construction works**
March 2020
- ★ **Completion of concrete work for tanks**
August 2020
- ★ **Start of water pipework**
August 2020
- ★ **Start of new Manilla River Pump Station construction**
August 2020
- ★ **Completion of Manilla River Pump Station**
November 2020
- ★ **Water Treatment Plant construction complete**
March 2021
- ★ **Completion of the Namoi River Pump Station**
July 2021

* Weather permitting

Plant design

The new water treatment plant at Manilla will be built on the south-eastern portion of the Kanangra Road site, close to the existing reservoir.

The location was chosen to allow for the entire plant to operate under gravity flow to reduce electricity usage and operational costs.

The new plant will include the following processes:

- » Iron & Manganese removal tank.
- » Powder Activated Carbon tank for treating algae.
- » Sedimentation tanks.
- » Filtration.
- » Chlorination and fluoridation.
- » Sludge thickening and handling.
- » Sludge lagoons for sludge drying.
- » Chemicals storage and handling.
- » Pump station to transport treated water to the reservoir.
- » The new plant will also include a new administration building and shed/workshop.

The design of the water treatment processes at the new Water Treatment Plant will ensure that water quality meets the Australian Drinking Water Guidelines when the Manilla River or Namoi River water or both sources are being used.

Project rising from the ground

Work on the Manilla Water Supply Upgrade is underway with construction of the new Manilla Water Treatment Plant and I am excited to update you about the latest progress.

The demolition of existing buildings and structures on the Council-owned property on Reservoir Road is now complete.

This will be the site of the new water treatment plant which includes an electrical switch room, a clarifier and filter facility, washwater and backwash tanks, a chlorine contact tank and three sludge lagoons.

Construction is advancing well with the bulk earthworks complete and the sludge lagoons taking shape. The Electrical switch room and Amenities Buildings are taking shape with brickwork and roofing almost complete. The workshop building slab has been poured and the steel structure with its wall and roof cladding is continuing.

Over the next three months, the water treatment plant will begin to take shape with several structures rising above ground, including:

- Completion of construction and fitout for the electrical switchroom and amenities building;
- Completion of sheds for Workshop and Chemical Dosing Facility
- Completion of concrete works for tanks;
- Start of water pipework internal to the plant and to the Reservoir and
- Construction of a new Manilla River Pump Station on Lloyd Street.

The project is on schedule to be completed in June 2021.

The estimated cost of the project is more than \$17 million. The work will be funded by the NSW Government and Council. The NSW Government is contributing \$3.768

million through Restart NSW's Safe and Secure Water Program with Tamworth Regional Council funding the balance of the cost of the overall project.

For more information about the project see our MyTRC Online Community page yourvoice.tamworth.nsw.gov.au/manilla-water-supply-upgrade and select the 'Follow' option. It will be updated regularly as the project proceeds.

For any enquires, please do not hesitate to contact me on 6767 5555.

Regards

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Proposed Manilla Water Treatment Plant

