



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**
September 2021
- ★ **Completion of the Namoi River Pump Station**
January 2022

* Weather permitting

The water treatment process

The new water treatment plant at the Reservoir road site will incorporate the latest water treatment technology, allowing for safe, clean, clear water to be supplied to Manilla River no matter the quality of the Raw water in the rivers.



What is a Chlorine Contact Tank?

The final stage of the Treatment Process is disinfection, where Chlorine is introduced into the filtered water in order to inactivate any pathogens that might be present in the water. Chlorine disinfection is not an instantaneous process and so water travels through a snaked path through the chlorine contact tank to ensure sufficient time for disinfection prior to water being pumped to the Reservoir and out into the town.

Plant commissioning

The Construction of the New Manilla Water Treatment Plant is complete and the commissioning process is nearing completion, with the new plant currently providing clean safe water to Manilla.

The civil, electrical and mechanical works at the treatment plant site are now complete, including the asphaltting of Reservoir Rd and the driveway into the plant.

The commissioning process started with circulating clean water through the plant and chemical systems to check pumps and flow instruments, and has since introduced water from the Manilla River Pump station, treating progressively with the different processes and chemicals used to produce clean drinking water.

The complex control and data system for the plant is also being tested during commissioning with bugs being ironed out, ensuring the plant can run for extended periods, producing clean water without unnecessary shutdowns.

During this commissioning phase the limited water flowing through the plant is being sent to the sludge lagoons.

Over the last couple of weeks, the plant has been run for longer periods with full quality tests carried out on the water being produced by the plant. The clean water being produced by the plant has met all the required water quality guidelines, and fresh drinking water is being sent to the Manilla Reservoir, servicing the town.

Once the New Treatment has been fully tested and is reliably producing clean fresh

water the Project will be moving onto the next phase, the construction of the New Namoi River pump station at the Namoi Weir.

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.

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Manilla Water Supply Upgrade
Tamworth Regional Council



Construction completed at the new Manilla Treatment Plant

Progress on the Manilla Water Treatment Plant

