



## 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 Kanangra 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 Filter?

The filters remove the final particles remaining in the water that are too light to settle out in the IPSTs. At the new Manilla Water Treatment Plant, the filters are filled with layers of Granular Activated Carbon (GAC), and Sand supported by two layers of garnet and will operate as a biological activated carbon filter enhancing the removal of organics in the clarified water. The filters will be periodically backwashed with both air and water to remove build up with backwash water treated and returned to the raw water feed.

## Commissioning begins

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

The civil, electrical and mechanical works at the treatment plant site are very near to complete with the installation of street lighting around the plant to be finalised in the near future. Roadworks on Reservoir Rd, including the driveway in to the plant, and Landscaping has commenced and will be the final civil works completed at the site in the next month.

Once the chemical pipelines around the site have been connected the plant will enter into the commissioning process, starting

with the electrical testing and operation checking of all the small pumps, flow switches, valves, and flow meters at the plant.

The next stage will be checking all equipment and systems are able to be operated together demonstrating the entire system will be able to function according to specifications, initially by recirculating water around the plant and then by using raw water and introducing the treatment process chemicals.

In order to complete the works in a known timeframe the raw water pipeline crossing at the Namoi River Weir (to source water from the Manilla River) has been changed from being attached to the wier to a horizontal under bore under the Namoi river. A directional drilling team has completed works in early June, now ensuring no risk

to the Raw water pipeline during future large river flow events. This however has extended completion timeframes slightly with works now due for completion in September for the Water Treatment Plant and to January for the Namoi Pump Station at Chaffey Park.

For more information about the project see our MyTRC Online Community page [yourvoice.tamworth.nsw.gov.au/manilla-water-supply-upgrade](https://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



Underbore Launch Site in Chaffey Park



Underbore Drill Broken through on Northern Bank



## Progress on the Manilla Water Treatment Plant

