

**TENTERFIELD WATER SUPPLY – DROUGHT AUGMENTATION WORKS  
STATUS REPORT – 26 JULY 2019**

<b>No</b>	<b>Task</b>	<b>Comments</b>
1	Emergency Drought Funding Application to Minister	Following an application for funding to the Minister for Water, an amount of \$373,000 has been received, which is part funding for the first stage of the project. Council is in almost daily contact with the Government regarding emergency funding and funding the future stages with an estimated cost of around \$3.2 million.
2	Water Search	Consultants Geo 9 Pty Ltd Hydrogeologists have been in Tenterfield since the 17 July 2019 undertaking the site surveys, including the soundings to validate the exploratory desktop work. They presented their preliminary findings to the Shire on 24 July 2019, along with another three potential sites worthy of further exploration. The detailed analysis will continue through until the 2 August 2019. This will inform the sites for the test bore hole drilling.
3	Drilling and Test Bore Establishment	Application submitted to Minister for Test Bore Work and the Water Access Licence applications will be submitted to the Natural Resources Access Regulator following the test bore locations being identified and validated on site. The Shire has submitted 16 test bore applications to NRAR, along with land details for the various sites and NRAR have expedited the application process with 7 completed to date. Concurrently, operational bore license applications have also been lodged and these are being assessed.
4	Infrastructure Design	<u>Bores</u> – Consultant Geo 9 P/L and subcontract Hydro-geologist Zoic Environmental P/L. <u>Pumps</u> – Coffs Harbour City Council – Citysmart Solutions <u>Electricals/SCADA etc.</u> – Coffs Harbour City Council - Citysmart Solutions <u>Civils</u> – Coffs Harbour City Council – Coastal Works or Tenterfield Shire Council (depending on resource availability) <u>Bore water treatment</u> – MJM Environmental have been engaged to prepare the treatment options for the new bore field and submitted their draft report for review to DoI Water and this will be discussed in detail at a joint meeting on 29 July 2019 in Sydney.
5	Drilling and Production Bore Establishment	<u>Bores</u> – Water Resources Drilling P/L have confirmed they will be on site by the 5 August 2019. <u>Rising Main Design &amp; Construct</u> – Coffs Harbour City Council - <u>Electrical &amp; SCADA etc.</u> – Coffs Harbour City Council - Citysmart Solutions with local electrical contractor support as required
6	Dam Water Management	<u>Destratification / Aeration System</u> - Acqua & Co aerators installed with 3 phase power to dam eastern wall completed. <u>Remote water depth measurement</u> - Coffs Harbour City Council - Citysmart Solutions with local electrical contractor support as required
7	Project Management	Risk management and insurances being managed by TSC. Technical project management by LOGO consultants supported by TSC.
8	Water Quality Monitoring	Managed by TSC with an overview by Department of Health NSW for compliance. Technical design inputs from MJM Environmental P/L. Further testing of the Shirley Park Bore water and the Dam water is underway to ensure quality standards are being met.

