

**TENTERFIELD WATER SUPPLY – DROUGHT AUGMENTATION WORKS
STATUS REPORT – 16 AUGUST 2019**

| No | Task | Comments |
|-----------|---|--|
| 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 completed the groundwater exploration site surveys. They presented their findings to the Shire on 7 August 2019, The sites for the test bore hole drilling have been determined and work has been completed on two of the sites in the Archery Club location. The other prospective test bore sites will be sunk during the last week of August 2019. |
| 3 | Drilling and Test Bore Establishment | Application submitted to Minister for Test Bore Work Orders and the Water Access Licence (WAL) applications will be submitted to the Natural Resources Access Regulator now the test bore locations have been identified and to be validated on site. NRAR has issued all of the test bore Licences. Concurrently, operational bore license applications have also been lodged and these are being assessed. |
| 4 | Infrastructure Design | <p><u>Bores</u> – Consultant Geo 9 P/L and subcontract Hydro-geologist Zoic Environmental P/L.</p> <p><u>Pumps</u> – Coffs Harbour City Council – Citysmart Solutions</p> <p><u>Electricals/SCADA etc.</u> – Coffs Harbour City Council - Citysmart Solutions</p> <p><u>Civils</u> – Coffs Harbour City Council – Coastal Works or Tenterfield Shire Council (depending on resource availability)</p> <p><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 has been moderated. The final treatment process will depend on the water quality test results from the test bores sunk.</p> |
| 5 | Drilling and Production Bore Establishment | <p><u>Bores</u> – Water Resources Drilling P/L have been on site and drilled two test bores. They have confirmed they will be on site again on the 26 August 2019.</p> <p><u>Rising Main Design & Construct</u> – Coffs Harbour City Council -</p> <p><u>Electrical & SCADA etc.</u> – Coffs Harbour City Council - Citysmart Solutions with local electrical contractor support as required</p> |
| 6 | Dam Water Management | <p><u>Destratification / Aeration System</u> - Acqua & Co aerators installed with 3 phase power to dam eastern wall completed.</p> <p><u>Remote water depth measurement</u> - Coffs Harbour City Council - Citysmart Solutions with local electrical contractor support as required</p> |
| 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 (compliance). Technical design inputs from MJM Environmental P/L. Further testing, as per standard operating procedures, of the Shirley Park Bore water and the Dam water continues, along with water quality testing of the new bores. |