



### **PowerWater - Chlorine & Flouride Dosing Systems Remote Communities around the Northern Territory**

WestWater were contracted to design, construct, install and commission transportable chlorination and fluoridation treatment plants for 5 remote Aboriginal Communities throughout the NT.

This task offered a number of different challenges including the transportation of nine 28 tonne concrete buildings from Sydney to Darwin and then via barge from Darwin to their corresponding Community. The systems also had to be extremely reliable and simple to operate as some sites would be operated by local Aboriginal ESOs with minimal experience or training.

WWE incorporated a number of different control modes to allow for any scenario that may happen in the bush. The systems are currently all installed and have been running for the past year with minimal to no faults.



*Chlorine drum mounted on a trolley and rail weigh scale system for ease of installation and storage. 1 drum last a year and they are changed over by WestWater Personnel upon service visits*



*1 x Barge loaded with 3 x 20T buildings  
1 x 150T crane 2 x prime movers and every nut bolt and pipe length required for the installation.*



*2 buildings containing chlorination, fluoridation and control systems. Pre built in Sydney and barged to site meaning installation time was only 2 weeks completely commissioned*

**WESTWATER.COM.AU**

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