



## CHARLESTON DAM WATER SUPPLY INFRASTRUCTURE

### Scope of work

Client: Etheridge Shire Council

November 2021

North Marine is contracted to deliver the Charleston Dam water supply tender - "Water infrastructure works, installation phase".

North Marine crew and divers install water pipes, four mooring systems and two pontoons to house raw-water intake infrastructure and an electrical pump for the dam and township near Forsayth, QLD. Additionally, water pipes are poly welded and groundcover pipe/electrical cable areas are trenched and filled over (approx 100meters). Environmental management, including erosion and sediment control, was critical. NM workboat 'Tin Duck' and landing barge 'Reef Safari' were utilised, along with trade sub-contractors.



Visit case study page on  
the Charleston Dam  
Water Supply project



### Discriminators

- Extensive track record of Government contracting
- Environmentally & socially aware company - with experience operating in the 'Environmental and Cultural Heritage Protection' requirements
- Adept at delivering logically complex / remote projects
- Fleet of suitable charter vessels to perform works
- Local SME business using a local FNQ workforce
- ISO Accredited, plus experienced Key Personnel

### Outcome

North Marine successfully completed the contract with all project objectives delivered in full, on time and within budget.



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### Deliverables

- Design, fabricate & install mooring systems for the pontoons - 1 x main pontoon, 1 x pump pontoon
- Install two pontoons
- Install the raw water intake pipe - inc poly-welding, installation of pipe floats (water) and pipe protection earthworks (land)
- Installation of electrical cable
- Electrical trenching - land area
- Co-ordinate sub-contractors, as necessary
- Transport bulk equipment from Cairns to the worksite

Map demonstrates area the of North Marine installation works - From water holding tank on the left to the pump pontoon on the right

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