



## CONSTRUCTION OF BRINSMEAD RESERVOIR DEDICATED INLET MAIN – CONTRACT 75379



**fgf** Developments constructed a new dedicated inlet main for the Brinsmead Reservoir with an approximate length of 650m.

Works included construction of a new DN400 Poly inlet main to connect the existing DN525 trunk water main in Brinsmead Kamerunga Road to the reservoir together with ancillary electrical conduit installation.

The location of the Site is along the access road to the Brinsmead Reservoir from the Brinsmead Kamerunga Road intersection (with the reservoir access road) up to the reservoir.

The project included:

- Poly pipe welding, including extruded collars
- Formed pipe restraints
- Reinstatement of access track including new seal
- Directional drilled section under the Brinsmead Kamerunga Road
- Management of key stakeholders including Freshwater College, and access track users including CRC, mountain bike riders and bushwalkers.

Project opportunities and challenges included:

- Changing design alignment to suit position of existing structures and fauna
- Testing pipeline in situ

The project was delivered on time and on budget. Key subcontractors including Dawsons Engineering, fgf Bitumen and Tracksons contributed significantly to the successful completion of this project.

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**Location:**  
Brinsmead

**Client:**  
Cairns Regional Council

**Civil Engineering  
Consultant:**  
GHD

**Duration:**  
June 13 – Oct 13