

NPI (with map)
(Tense relevant until end of project)

The Northern Pipeline Interconnector (NPI) – Stage 1 is one of three major infrastructure projects being delivered by the Southern Regional Water Pipeline Alliance (SRWPA) for LinkWater Projects, the State Government's special purpose vehicle for the design and construction of water infrastructure. Gazetted completion date is 31 December 2008 with final reinstatement of land continuing into early 2009.

This mostly underground pipeline spans 47 km from Landers Shute to Morayfield.

The NPI is part of the \$9 billion South East Queensland (SEQ) Water Grid.

The NPI team was assembled in August 2006 with the first pipe laid in November 2007.

The SRWPA partners are KBR, Abigroup and McConnell Dowell, and LinkWater Projects as owner-participant. JP Richardson Electrical was a sub-alliance partner.

Project Statistics

- A bulk water carrier, laid mostly underground and designed to move potable water for commercial and residential use
- Able to transport up to 65 ML per a day
- Gravity fed - requiring no pump stations or balance tanks
- Built with future reverse-flow capacity
- 57 road crossings including TBM bores under D'aguilar Highway and Steve Irwin Way and 2 thrust bores under Steve Irwin Way and Mooloolah Connection Road
- 17 waterways, including 3 bridge crossings of the Caboolture, Warrahba and Mooloolah rivers
- 2 rail crossings

Pipeline Materials

- Mild-steel, concrete-lined (MSCL) pipe – 1290 mm diameter
- Glass-reinforced plastic (GRP) pipe - 1229mm diameter

Workforce and Staff

- A total of 1,661 people worked on this project with the workforce peaking at 381 personnel in June 2008

Communication

- 292 directly affected private landowners
- Crosses 4 local councillor divisions within Sunshine Coast and Moreton Bay Regional Councils* plus two State and two Federal electorates.

**Prior to change in Council boundaries in 2008*