

Cooroy during construction

South East Queensland is one of the fastest growing regions in Australia with the population set to increase significantly in the next 25 years. A secure water supply is essential.

The Northern Pipeline Interconnector (NPI) – Stage 2 is a vital piece of infrastructure designed to help secure water supply for the Sunshine Coast. It involves construction of an underground reverse-flow pipeline from the Noosa Water Treatment Plant to NPI – Stage 1 at Eudlo.

The Northern Network Alliance (NNA) has been engaged to plan, design and construct NPI – Stage 2. The Alliance consists of LinkWater Projects, McConnell Dowell, Abigroup and KBR.

NPI - Stage 2 key facts

The pipeline is made up of approximately 48km of underground reverse-flow pipeline.

Pumps will be installed to allow reverse-flow between the Sunshine Coast and Brisbane, vastly improving water security for the region by the time of its completion in December 2011.

NPI - Stage 2 includes:

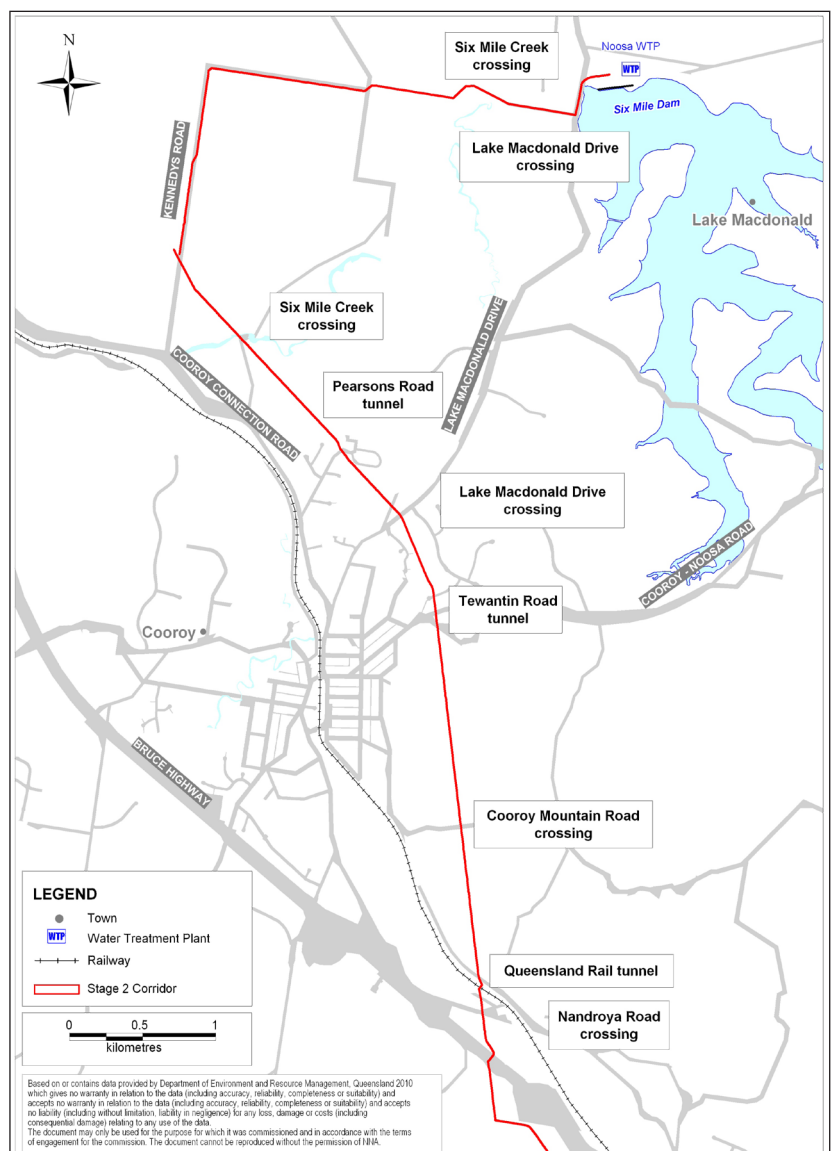
- Constructing one balance tank (reservoir) at Kulangoor
- Constructing four new pump stations – Narangba, Morayfield, Eudlo and Cooroy
- Upgrades to an existing pump station at North Pine
- Constructing three additional water quality treatment facilities - Landsborough, Kulangoor and Cooroy (Noosa Water Treatment Plant)

Wherever possible the pipeline will be laid in existing public utility easements (around 68 per cent) or road corridors (around 24 per cent) to minimise community impact.

Cooroy - your questions

How will the pipeline cross Nandroya Road, Cooroy Mountain Road and Lake Macdonald Drive?

Trenching will be undertaken across Nandroya Road, Cooroy Mountain Road and at two crossings of Lake Macdonald Drive (Swift Drive to Wilgee Court and Liane Drive to Lake Macdonald). This will



follow the process of 'dig, lay, bury' where backfilling of the trench will take place shortly after laying the pipe. A comprehensive traffic management plan will be developed for all roads to ensure the NNA maintains at least one lane open and minimises impact to the community.



Why are you tunnelling under Queensland Rail’s railway line, Tewantin Road and Pearsons Road?

Tunnelling will be used for these sections of the pipeline in order to maintain road access for residents and emergency services. Auger bore tunnelling will be used to create a tunnel from south of Queensland Rail’s railway line (between Nandroya Road and Cooroy Mountain Road) to the north of the railway line and from McPaul’s Road to Curlew Crescent. A micro-tunnel will be used to create a tunnel crossing under Pearsons Road, staying within the existing Energex easement and avoiding multiple existing services located in the vicinity.

How will Six Mile Creek and the Noosa Water Treatment Plant spillway be crossed?

Piled crossings will be constructed at two points along the pipeline in order to cross Six Mile Creek (Lamonts Road and end of Kennedy’s Road) and at the Noosa Water Treatment Plant spillway.

How will construction traffic be managed in Cooroy and Lake Macdonald?

There will be increased traffic in and around sites during construction. Traffic management plans will be in place to ensure trucks and traffic flows are managed safely and with minimum inconvenience to motorists, cyclists and pedestrians. Access for emergency and community services, such as refuse collections, mail delivery and bus services will be available at all times. For safety reasons, speed limits may be temporarily reduced around construction areas.

What are the NNA’s commitments to the local economy?

The NNA is committed to providing jobs for the region - our target

is to employ 60 per cent of our staff from the local area. The NNA is also committed to providing training for ongoing staff development. In addition, we are implementing a local industry participation plan to ensure local subcontractors and suppliers are given full, fair and reasonable opportunities to quote or tender for subcontract work.

How do I hear more about construction?

Consultation with the Cooroy and Lake Macdonald area has included corridor walks and site visits, direct mail regarding key milestones and developing Landowner Construction and Rehabilitation Plans (LCRP) with directly affected landowners. These activities have already taken place. Ongoing consultation will include construction cards, door knocks, e-updates and newsletters providing project updates. We are also happy to hear suggestions about the best way to communicate with you to keep you informed.

If you’d like to find out more about the project, please contact the NNA.

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A Queensland Government
Water Project

