

Darwin CBD Water Supply Enhancement Project

Description of project

The Darwin CBD is rapidly growing and new water mains are required to adequately service the area. These new water mains will provide water to the CBD, Stuart Park and adjacent areas and will ensure Power and Water's service standards are maintained to existing customers while allowing increased development in the area.

Power and Water is undertaking the construction of several major water mains in two stages.

Stage 1: New water main, The Esplanade

Stage 1 will include the installation of 1.2km of 450mm steel water main along the south side of The Esplanade and along Daly Street.



Daly Street

Stage 2: New water main, Dinah Beach Road

Stage 2 will include 1.8km of 450mm steel water main being installed along Dinah Beach Road, McLachlan Street and Mirambeena Street.

Disruptions

Power and Water is working with the Darwin City Council and the Department of Planning and Infrastructure to minimise disruptions and plan appropriate traffic controls.

However, there may be some disruption to traffic, pedestrians and local residents in the areas affected during construction. Thrust boring will be used to construct the water mains under the Tiger Brennan Drive, Daly Street and McMinns Street to minimise disruption to traffic.

There may be some noise and dust associated with the construction works.

Timing

The approximate timeframes for these works are:

Stage 1: March 2009 to August 2009

Stage 2: July 2009 to December 2009

Future works

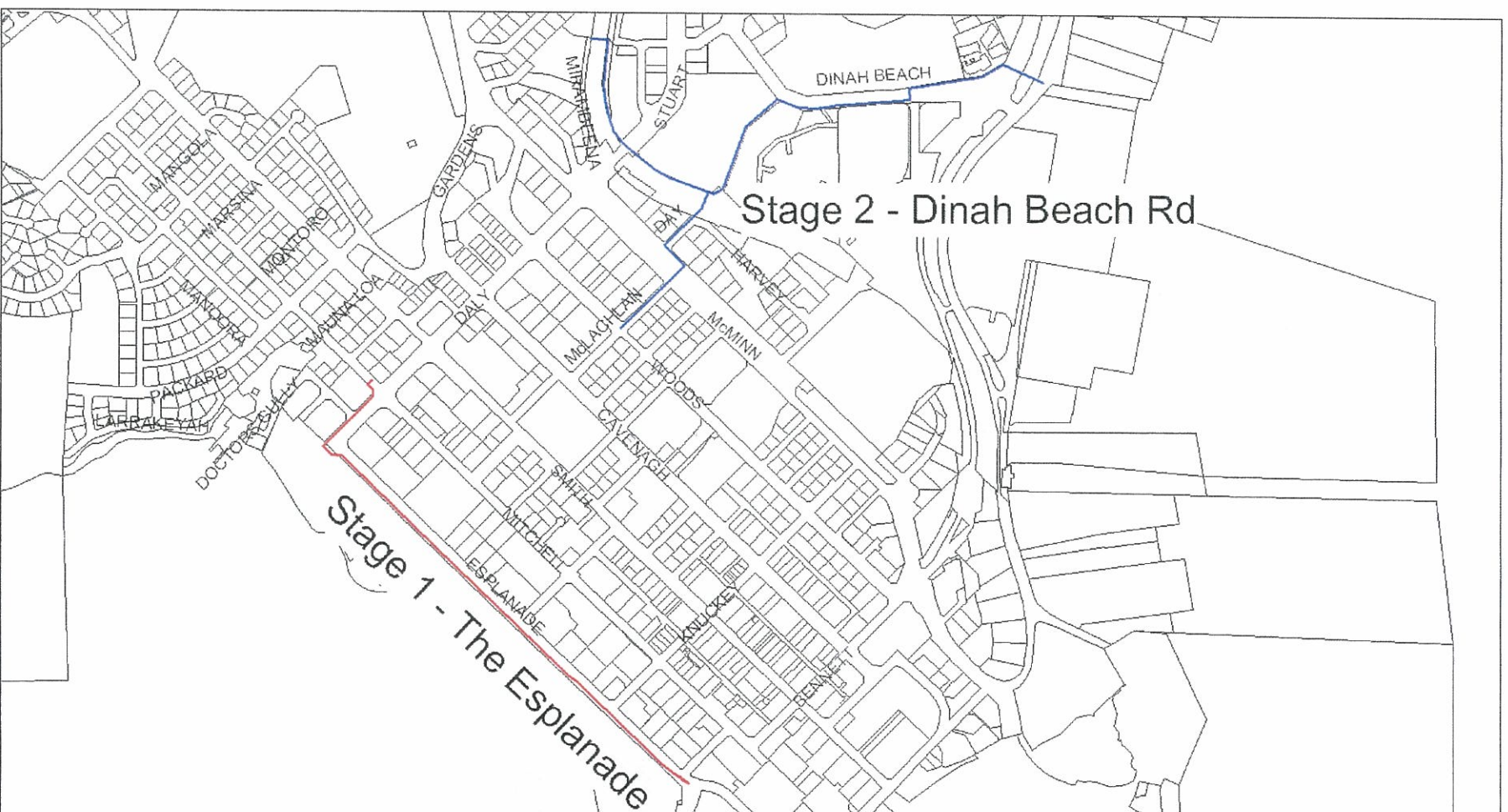
These two stages of works are components of a broader water supply strategy to meet water demand beyond 2030 in the CBD and adjacent areas. Further works are being programmed.

Further Information

For further information on the Darwin CBD Water Supply Enhancement Project, please contact Peter Lockett, Senior Project Management Engineer.

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Larrakeyah Outfall Closure Plan

Element 8 – Larrakeyah Sewage Catchment Diversion

What is the Larrakeyah Outfall Closure Plan?

The Larrakeyah Outfall Closure Plan forms part of Power and Water's broader Darwin Region Sewerage Strategy that aims to:

- Provide capacity for a growing population and industry base;
- Improve the performance of the region's sewage treatment and disposal facilities; and
- Reduce potential impacts on the environment from sewerage operations.

The Larrakeyah Outfall Closure Plan project will eliminate the discharge of untreated sewage into Darwin Harbour from the Larrakeyah outfall. It will also ensure that all sewage sent to Power and Water's sewerage systems is treated prior to release into the environment.

A number of major project elements have already been completed – refer to the plan overleaf.

The current ongoing major project elements are:

Element 8: Diversion works to deliver sewage from the Larrakeyah catchment to the Dinah Beach trunk sewer.

Element 9: Further upgrades to the Ludmilla Wastewater Treatment Plant.

Element 10: Duplication of the East Point effluent rising main.

Element 11: Extension of the East Point outfall.

Element 8 – Larrakeyah Sewage Catchment Diversion

This project is for the installation of a new sewer to divert sewage from the Larrakeyah Catchment to the Dinah Beach trunk sewer. Refer to plan below.

Project stages

- Stage 1: Larrakeyah Terrace Sewer
- Stage 2: Larrakeyah Diversion Sewer
- Stage 3: Doctors Gully Sewage Pumping Station Upgrade and Rising Main

Timing

The approximate timeframes for these works are:

- Stage 1: April 2009 to October 2009
- Stage 2: July 2009 to June 2010
- Stage 3: May 2010 to December 2010

Disruptions

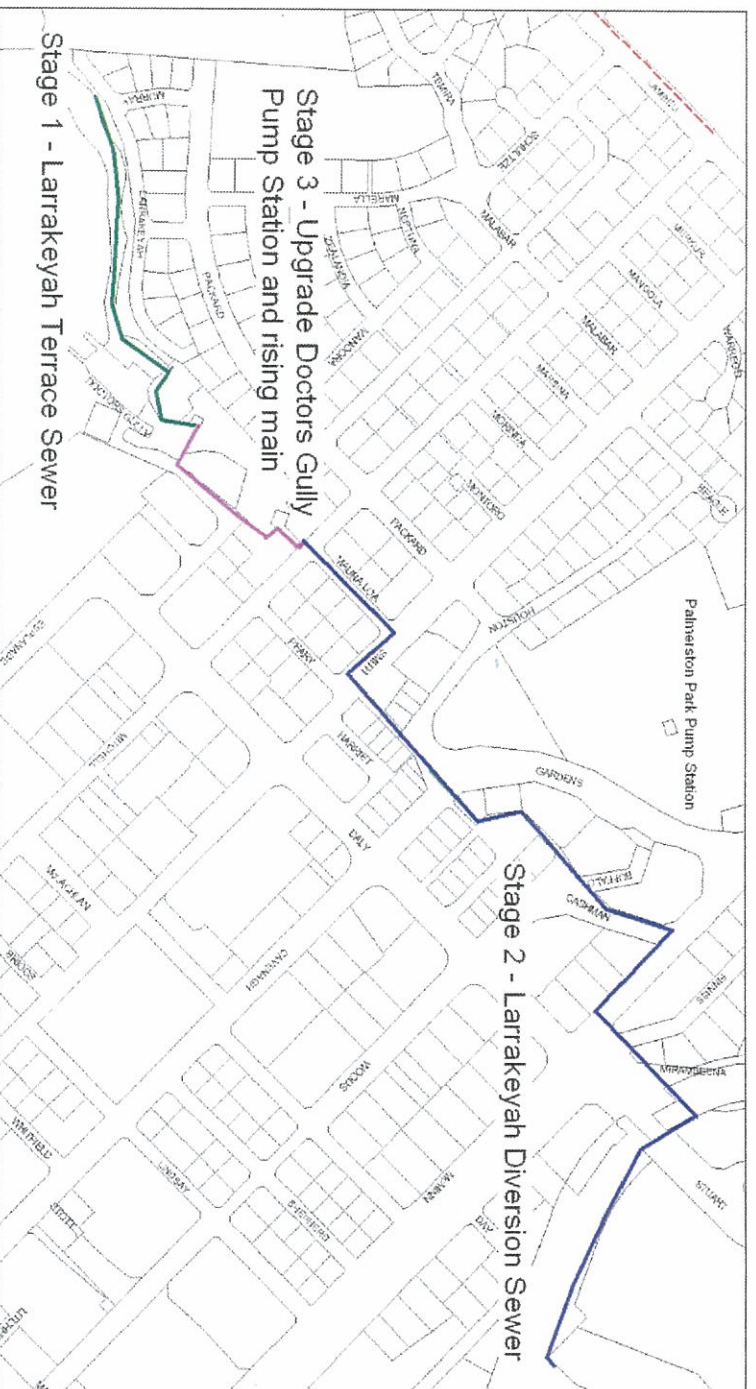
Construction works are likely to cause localised impact, including noise and dust generation. Disruption to traffic is expected to be minor. Access to the cliff-side park at Larrakeyah Terrace will be restricted during works. Grass and other vegetation will be reinstated following construction.

Further information

For more information contact Peter Lockett,
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Element 8 – Larrakeyah Sewage Catchment Diversion

Larrakeyah Outfall Closure Plan Works Program

