

INFORMATION

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TORRENS PIPELINE PROJECT

APRIL 2007

Welcome to the second newsletter keeping you informed about the Torrens Pipeline Project.

This project will replace the existing aqueduct, which transfers water from the Torrens Gorge Weir to the Hope Valley Reservoir, with a buried gravity pipeline through the Linear Park.

In the first edition of the newsletter the project brief was outlined and details were provided to assist you in understanding how the project will affect the community.

We are now approaching the start of construction; scheduled to begin in May 2007. In this second edition you can read about:

- the final confirmed pipeline route
- what will happen in the coming months
- an update on how project impacts will be managed
- progress on the future of the aqueduct reserve and
- how you can find out more.



Government
of South Australia



FINAL PIPELINE ALIGNMENT

In the last newsletter, a number of preliminary work activities were outlined. These activities have been occurring in the Linear Park to help determine the final pipeline alignment. Activities have included:

- collecting a number of soil and rock samples
- drilling a number of temporary wells to monitor groundwater, and
- surveying the pipeline route (white markers).

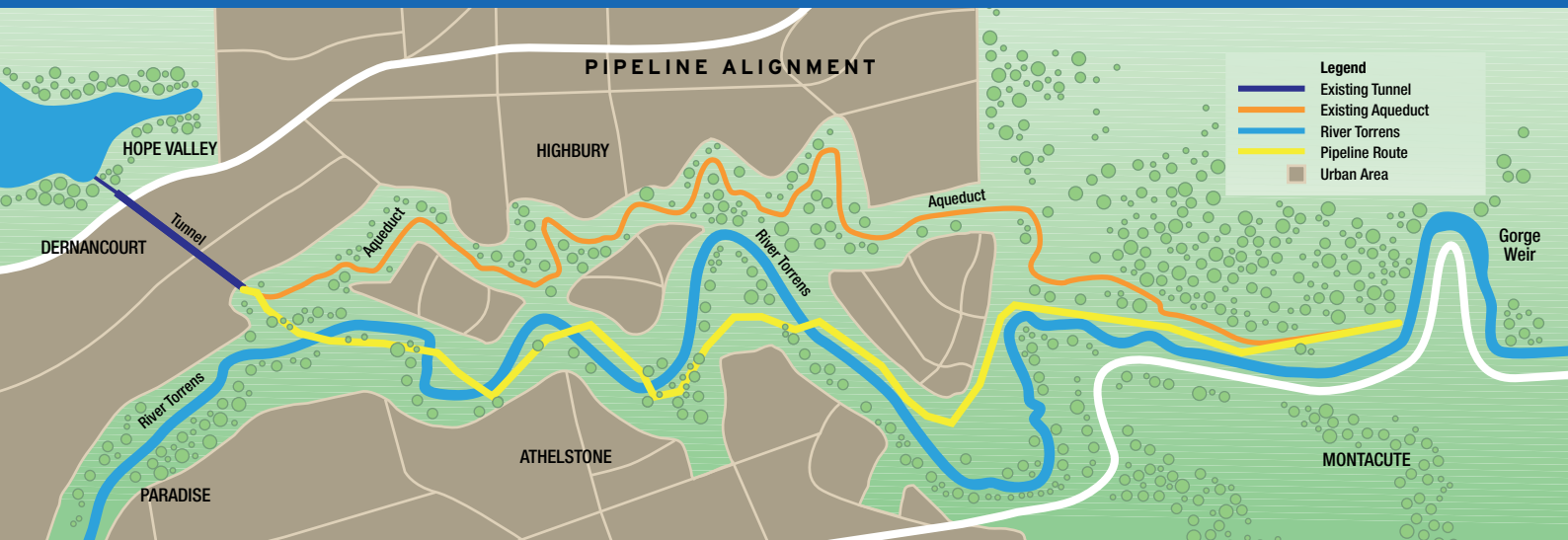
The information gathered from these activities has been used to determine the final pipeline route through the Linear Park. The final alignment has been reproduced in the graphic below.

SA Water recognises the Linear Park is a well maintained and valued community space, popular for both passive and active recreation activities.

In determining the final pipeline route, considerable effort has been made to avoid significant trees and other areas of interest as well as minimising impacts on local residents.

The 1.8 metre diameter pipe requires a trench approximately three metres deep and from three to six metres wide. There will be a fenced access track established along the entire length of the pipeline route for trucks and machinery. This will result in some disruption to the Linear Park including the removal of some trees, understorey plants, grass and shrubs. In addition, the pipe will cross the river in six locations, but will be undertaken in a way that won't affect river flows.

WHAT IS THE FINAL PIPELINE ROUTE?



REINSTATEMENT AND REVEGETATION OF THE LINEAR PARK

A plan will be designed and implemented to monitor environmental impacts as the project progresses.

SA Water is committed to reinstating the Linear Park as the construction moves from west to east. The approach will be progressive, so as each section of the pipe is laid within the trench, soil will be returned and grass/mulch reinstated.

Extensive tree and understorey planting will occur, with the number of new plants more than the number of plants to be removed as part of the project.

Discussions are taking place between the City of Campbelltown, the City of Tea Tree Gully and SA Water environment officers in relation to the types of plants to be used, suitable locations for the plantings and the best timing for the plantings to ensure their survival.

Native species that are local to the area will be used and this will ensure stability of the revegetation. The new plants will be introduced in the cooler months (winter) to increase the survival rate of all new vegetation.

All planting will be finished before the project's formal completion, due in May 2009.

HOW WILL PROJECT IMPACTS BE MANAGED?

MANAGEMENT OF PROJECT IMPACTS

Since the first newsletter changes to access arrangements for machinery and equipment have been made. Instead of multiple access tracks direct from local streets to the construction site, one track will be established along the entire length of the pipeline route. This will considerably reduce truck movements on local roads and lower the amount of dust/mud on residential streets. The access track will be built alongside the trench and includes temporary causeways across the river. Heavy vehicles will approach the access track via Torrens Road or Halls Road.

Some disruption to nearby residential areas and park users will result from the works including:

- noise from construction machinery
- trucks moving through the Linear Park delivering pipes, materials and moving surplus soil
- vibration and noise from rock excavation
- temporary restrictions to some areas of the Linear Park and
- re-routing of pedestrian and bicycle paths.

A number of measures are being employed to minimise these potential disruptions including:

- site signage and identification of alternative routes through the Linear Park
- security fencing along the length of the access track/pipeline route
- monitoring vibration and noise and reducing levels if found to be too high
- advance notices to residents of potential impacts
- dampening areas likely to generate dust and
- limiting work from 7am to 6pm, Monday to Saturday with no work occurring on Sundays or public holidays, except in emergencies.

Domestic water supplies will not be affected as a result of the pipeline project.

PROJECT SCHEDULE AND DEVELOPMENTS

The construction team will commence delivery of construction equipment and materials to the Linear Park in April 2007. Construction of the pipeline will begin in May 2007.

The first activities to occur will be the creation of the access track and the assembly of a security fence along the pipeline route. Once this work has been completed, the six river crossings will be installed. Connections will then be established to link the new pipeline to the existing Hope Valley tunnel and the existing twin pipelines downstream of the Gorge Weir.

The construction team will work progressively from west to east (Hope Valley Reservoir side to the Gorge Weir side of the Linear Park), digging the trench, installing the pipe and reinstating soil, grass and mulch.

The project is due for completion in mid 2008 however this is dependent on weather conditions. If there is heavy rainfall during construction, work will cease until it is safe to continue.

AQUEDUCT RESERVE

As part of the Torrens Pipeline Project, SA Water is working with relevant Government agencies on the future ownership and management of the 51 hectare aqueduct reserve. This area is protected from being sold to a private entity by the *River Torrens Linear Park Bill 2006*.

SA Water has commenced natural habitat restoration works on the reserve site including spraying and removing woody weeds (including blackberry, salvation jane, broome, fennel and olive).

VISITORS TO THE PARK ARE ADVISED NOT TO PICK OR EAT THE LEAVES AND FRUIT FROM THE AQUEDUCT RESERVE.

HOW CAN I FIND OUT MORE?

SA Water is providing the opportunity for you to come and find out more about the project in person. A display stand will be established at two major local shopping centres and representatives of SA Water will be there to provide information and answer your questions about the project.

Where: Centro Newton
Cnr Gorge and Newton Roads
Newton

When: 12 April 2007

Time: 9am – 9pm

Where: Westfield Tea Tree Plaza
976 North East Road
Modbury

When: 3 May 2007

Time: 9am – 9pm

Information displays will also be established in the City of Campbelltown and City of Tea Tree Gully. These displays will be available for viewing at the council chambers in May 2007.

You can also keep an eye out for ongoing information about the project via:

- our newsletters
- letters to households
- interpretive signage in the Linear Park
- advertising notices in the local Messenger Newspapers

Alternatively, to find out more you can:

- **phone** the SA Water Customer Contact Centre on 1800 812 362 or
- **email** torrenspipeline@sawater.com.au