

Community Bulletin 4

July 2010

Werribee River Aqueduct Replacement project

The project to replace the existing Werribee Aqueduct is making good progress and preparations are underway for the last remaining construction tasks prior to reinstatement of the site.

Starting in mid July 2010 we will be connecting the new Aqueduct to the sewer system. In order for this to occur some temporary shut downs of the sewerage system will be necessary, these shut downs will result in intense periods of construction activity at the site.

What does this construction involve?

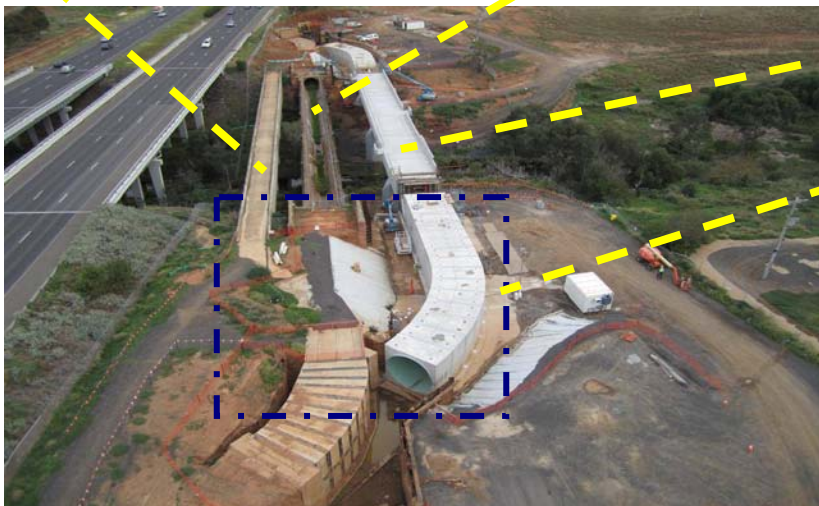
A new Werribee Aqueduct has been built to replace the existing Aqueduct which was at the end of its service life. In order to connect the new structure to the existing system, the Western Trunk Sewer will need a number of short temporary shut downs to stop sewage flow.

Part of the existing sewer will then be uncovered to allow the redirection works to take place. To minimise impacts on Melbourne's sewer network this work has to be staged over a number of shut down periods.

Existing Aqueduct

Heritage Listed brick aqueduct

New Aqueduct



Connection Steps:

- sewage flows stopped
- sewer opened up
- new structures installed
- new aqueduct connected
- sewage flow resumed

Your water and other services will not be affected by this construction.

How will the work affect me?

As a result of opening the sewer, some odour is expected. This odour is an unavoidable part of the construction process and not from the Western Treatment Plant. Any concerns should be directed to the Pipelines Alliance on 1800 792 466.

During the shut down, the construction team will work for extended hours, from around 5am to 10pm. At these times you might notice, construction lighting and noise at the site.

How is Melbourne Water going to limit the impacts?

We will monitor odour levels during this transition process. The work will be staged over intermittent periods over a 3-4 week period in order to minimise the impact. Every effort will be made to keep noise at the site to a minimum.

Why is Melbourne Water doing these works?

The \$20 million project is a crucial upgrade of Melbourne Water's infrastructure. The Werribee Aqueduct carries 60% of Melbourne's sewage to the Western Treatment Plant. This replacement project will meet future population growth and demand.

What has been done since construction started?

The project started in January 2009; to date the following has been completed:

- Construction of three 'bridge' piers across the Werribee River
- Installation and connection of four concrete bridge aqueduct segments over a 70m span. Segments are 4.7m diameter x 17.5m length and weigh 600 tons
- Construction of underground aqueduct sections in preparation for connection
- Protection of Heritage-listed, red brick aqueduct built in the 1890s
- Maintenance of pedestrian, cycle and road traffic throughout construction, and
- Protection of river flora and fauna through construction protection measures.

What is left for Melbourne Water to do?

Once the connection is made the existing aqueduct will be demolished. The shared use path will be reinstated; and landscaping and rehabilitation work will be completed.

Who is doing this work?

This project is part of a major, five-year program of works to improve Melbourne's sewerage and drainage systems. The program is being delivered by the Pipelines Alliance, a partnership between Fulton Hogan, Jaydo Construction, GHD and Melbourne Water.

For more information

For a comprehensive description of the project, as well as for route changes for cyclists and pedestrians please visit www.melbournewater.com.au and type 'Werribee River Aqueduct Replacement' in the search field. You can also call the Community Relations Team on 1800 792 466 (toll free) for further information.