

Community Bulletin

December 2009

Werribee River Aqueduct Replacement project

The project to replace the old Werribee Aqueduct is making good progress as the last bridge segment to complete a 70 metre crossing of the Werribee River is cast and launched in early December 2009.

Why is Melbourne Water doing these works?

With 60% of Melbourne's sewage passing through the Werribee Aqueduct, the \$20 million project to link to the Western Treatment Plan is a crucial infrastructure replacement project.

What has been done since January this year?

We moved to site in January 2009 and by Christmas this year the bridge structure across the Werribee River will be complete. We have worked to ensure transport links are maintained during our work.

What else needs to be done?

In January 2010, we will commence work on the buried aqueduct component of the works, approximately 85 metres. Once the buried section is complete we will need to cut-in to the existing Western Trunk Sewer to commission the new works. This operation will require rigorous risk management operating within very tight timeframes to manage the flows for a clean changeover.

The Werribee Aqueduct project is on target for completion by June 2010.

How will the work affect me?

The Pipelines Alliance has worked closely with the Wyndham City Council, VicRoads and Bicycle Victoria to ensure transport links including the Federation Trail and the Werribee River path are maintained during the works and the new aqueduct will also connect future parks, paths and residential developments in the area.

We have also worked closely with Werribee & District Historical Society to try and locate the foundation stone for the old red brick Aqueduct, but to date have been unsuccessful.

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.

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.

Aqueduct Facts

- **Design and Innovative construction techniques** – Incremental launch of 4 concrete bridge aqueduct segments, 4.7m Diameter x 17.5m in length, each segment weighing 600 tons. The Pipelines Alliance has adapted a road bridge building approach or 'incremental launch methodology' to construct the 4.7m Diameter aqueduct over a 70m span.
- **Timeline** – Construction works commenced in January 2009 and are expected to finish June 2010.
- **Heritage** - Heritage-listed, red brick aqueduct built in the 1890s will be protected and will not be removed.
- **Project Tasks** – Complete the Bridge Aqueduct by the end of 2009; Build the buried aqueduct sections by April 2010; cut into the existing WTS sewer line taking 60% of Melbourne's sewage and connect to the new Aqueduct by June 2010.

