

Grant Street Sewer Main Maddingley to Parwan

BUILDING
FOR FUTURE
GROWTH

We're planning to build a sewer main from Maddingley to Parwan to improve and expand the area's sewerage system.

This essential infrastructure project will enable us to service Bacchus Marsh and Maddingley where significant development is forecast.

Why is this project needed?

Bacchus Marsh's population is predicted to increase to more than 28,000 by 2021. With rapid development already taking place in Maddingley West, the existing sewerage network will eventually lack the capacity to cope – new sewer infrastructure is essential. With this in mind, we're carrying out a program of capital works to upgrade the sewerage network and build new infrastructure right across the Bacchus Marsh area.

Building a new sewer main will enable us to receive sewage from homes in Bacchus Marsh and Maddingley, and efficiently transport it to the Bacchus Marsh Recycled Water Plant for treatment into recycled water for commercial and agricultural use.

What does the project involve?

We'll construct an 8 kilometre sewer rising main in the roadside from our new sewer pump station on the corner of Grant Street and Peelmans Lane, Maddingley, to the Bacchus Marsh Recycled Water Plant in Parwan South Road, Parwan.

While construction of the pipeline will be predominately open cut trenching – when we dig a new trench to

install the sewer main, it also involves trenchless technology to bore under the Melbourne–Ballarat railway line and some sealed roads.

During construction we'll take temporary measures such as covering holes to make the work area safe. Once a section of sewer main is laid and the trench is filled in, we'll begin reinstating driveways, roads and the nature strip to their original condition.

What is the proposed sewer main route?

The sewer rising main will likely:

- go along the eastern side of Grant Street (in the service lane and roadside)
- travel under the Grant Street crossing of the Melbourne–Ballarat railway
- travel along and cross beneath Parwan Road
- run down the southern side of Geelong–Bacchus Marsh Road until Exford Road
- travel along the south side of Exford Road until Parwan South Road
- run along Parwan South Road to the Bacchus Marsh Recycled Water Plant.



PROJECT SNAPSHOT

- 8 km of sewer main
- Sewer mains are the major pipes that transport sewage
- Construction proposed to start in 2017
- Estimated cost: \$8.3 million
- Minimal interruption to traffic
- Project expected to be complete in 2018
- You will be advised directly if we are going to be working close to your property

How long will the project take?

Western Water is in the planning stage of this project. Below is an approximate timeline:

End 2016 Design completion

End 2016 Tender advertised

Early 2017 Powerline works at Peelmans Lane Reserve

March 2017 Tender awarded

April 2017-June 2018 Construction

Working hours

Construction hours are 7.30am-5.30pm Monday to Friday, and Saturdays 8.00am-1.00pm.

Will my water and sewerage services be affected?

No, we don't anticipate any interruption to your water supply or sewerage services.

What impacts can I expect during construction?

Western Water will keep construction impacts to a minimum, however the following are likely to occur:

Traffic

We expect impacts on traffic to be minimal, however, on some occasions our team will need to undertake work very close to the roadway.

For your safety, and that of our team, traffic management will be in place if required – we ask for your understanding at these times.

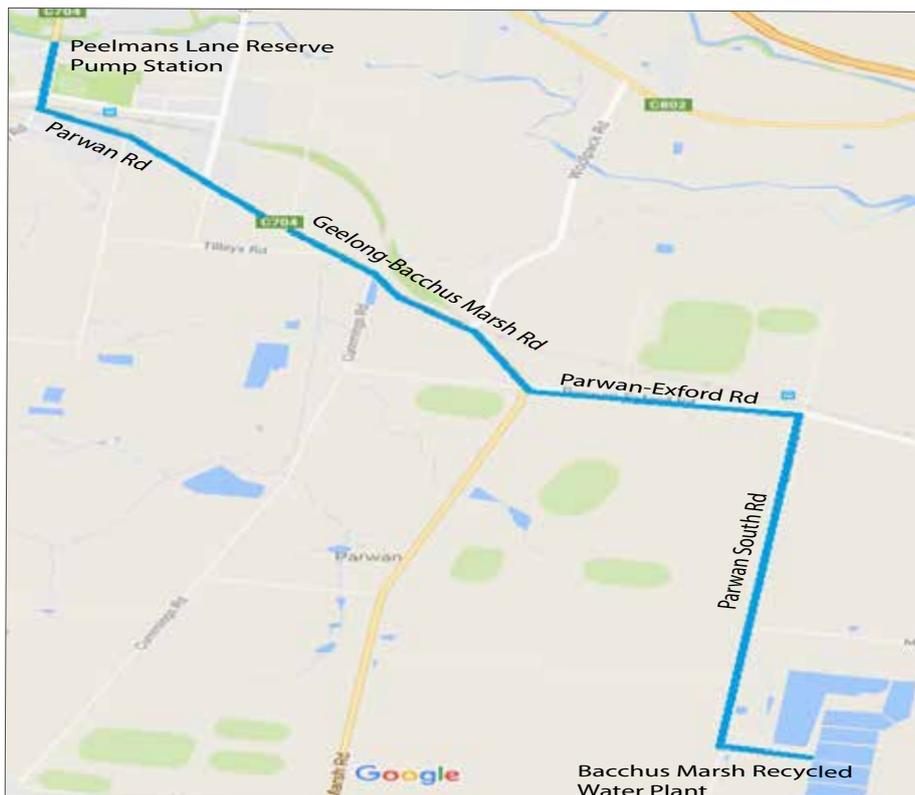
You may also notice increased traffic along the road as our contractor goes about their work.

Noise and dust

At times, you will hear construction noise and see dust coming from our site. This will not last long as our contractor will continue to move along the sewer main alignment throughout the project.

Visual

You can expect to see some excavation work on the roadside.



Fencing, barricades and trench covers may be used near the worksite to ensure your safety.

Our contractor may also establish a storage area nearby for equipment and construction materials.

What factors do we consider when planning a project?

There are several factors that affect our project planning.

These include environmental and geotechnical impacts, cultural heritage, specialist investigations (such as a biodiversity assessment), population forecasts, location of other underground services (e.g. electricity, phone, internet, gas lines) and accessibility.

Consideration of future infrastructure in the area, such as major roads and drainage scheme infrastructure is pivotal to our planning along with advice from key stakeholders such as:

- Moorabool Shire Council
- Department of Environment, Land, Water and Planning

- Melbourne Water
- Vic Roads
- Southern Rural Water
- VicTrack.

Will my driveway be affected?

We may need to briefly work across some driveways. If this is the case, you will be notified in advance so that alternative access arrangements can be made.

Driveways will be reinstated to their original condition once work near properties is complete.

Who is carrying out the work?

A contractor will be appointed by Western Water following a comprehensive and open tender process. This is likely to occur in 2017.

Where can I get more information?

If you would like to be kept updated on our progress, contact the Senior Community Engagement Advisor on 1300 650 422 during business hours, go to westernwater.com.au, or email majorprojects@westernwater.com.au