

Grant Street sewer pump station and sewer main

BUILDING FOR FUTURE GROWTH

We're upgrading our sewer pump station in Grant Street and building a sewer main from Maddingley to Parwan to improve and expand the area's sewerage system.

Soon we'll begin pre-construction works in Peelmans Lane Reserve near Grant Street and Peelmans Lane.

What does this project involve?

We're upgrading the existing sewer pump station in the reserve at the corner of Grant Street and Peelmans Lane.

This involves deep excavation to install pumps into an underground structure, and an electrical fit out which includes an above ground electrical cabinet.

We'll also construct a new 8 km sewer rising main alongside Grant Street, Parwan Road and Bacchus Marsh-Geelong Road.

Once complete, the pump station will receive sewage from the existing sewerage network and pump it via the new sewer main to the Bacchus Marsh Recycled Water Plant in Parwan for treatment.

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.

Building a new pump station and sewer main will ensure we're

able to keep pace with the town's growing population; comply with all government legislation and standards; and continue to supply quality sewerage and recycled water services to our customers.

Environmental protection against sewer overflows into the Werribee River will be strengthened, and more recycled water will be produced at our plant for commercial and agricultural use.

What will pre-construction works involve?

To ensure the safety of people working on the sewer pump station, we need Powercor to relocate overhead power lines. For Powercor staff to do this, we have to remove one non-native tree and prune other native trees in Peelmans Lane Reserve.

Moorabool Shire Council's Parks and Gardens Coordinator has approved this and will supervise our qualified arborist to remove the tree and prune others nearby on Western Water's behalf. Our arborist will work in accordance with Powercor's requirements for clearances.

Refer to image on right for tree location information.

JOIN US AT A PROJECT INFO SESSION

Drop into an information session to find out more about what we're planning and to have your say.

Where: Stoney's Club Function Room
59 Grant Street, Maddingley

When: Wednesday 25 May

Time: 10.00am-12.00pm and 6.00-8.00pm

Complimentary tea, coffee, orange juice and soft drink available.



FS-RGRANT STSPS AND SEWER MAIN-MAY 2016-V1

Where will the pre-construction works take place?

At Peelmans Lane Reserve between Peelmans Lane and the Werribee River near Grant Street (the site of our existing sewer pump station, below).



When will pre-construction works happen?

The tree works are scheduled to commence in June 2016. Weather permitting, it will last around a week.

Powercor will then realign the overhead power lines. This may take about a week.

Do we have permission to remove and prune trees in the reserve?

Yes. Endorsement from the Department of Environment, Land, Water and Planning was achieved in May 2016.

We also sought and received approval from Moorabool Shire Council in February this year.

How will I be impacted by pre-construction works?

There will likely be changed traffic and pedestrian conditions along Peelmans Lane and the nearby walking track.

You'll also notice increased contractor traffic around the reserve as our arborist and Powercor go about their work.

For your safety, and the safety of others, traffic and pedestrian management will be in place.

Noise – during the daytime you might hear noise coming from our site.

Will my services be affected during pre-construction works?

We do not expect there to be any interruption to water or sewerage services while this work is being completed.

You will be notified in advance if your property's electricity supply will be impacted.

What factors will we consider when planning this project?

There are several factors that affect our project planning. These include environmental and geotechnical impacts, cultural heritage, location of other underground services (e.g. electricity, phone/internet, gas lines) and accessibility. Specialist investigations such as a biodiversity assessment are conducted as part of the project planning and Western Water will liaise closely with the Department of Environment, Land, Water and Planning, VicRoads, Melbourne Water, customers, community groups and Moorabool Shire Council.

A biodiversity assessment will include a thorough survey of the trees at the reserve and along the proposed sewer main route, ensuring sensitive design and the adoption of protection measures if necessary.

A Preliminary Biodiversity Assessment was undertaken by Tree Wishes in July 2012 during the initial site selection stage. This assessment found the non-native tree in Peelmans Lane Reserve we're looking to remove is an introduced species and not identified as a protected native plant.

How will our impact on the environment be managed?

Ensuring we care for native trees and grasses in the reserve, along the Werribee River and the roadside has been central to our planning.

Existing native vegetation along the Werribee River bed including red gums, riparian vegetation and

peppercorns will be protected during construction of the pump station. Trenchless technology will be used along the sewer main route to avoid harm to native trees and any significant native grasses.



What will be visible at the pump station site once the project is complete?

As the pump station will be installed underground, the only additional noticeable infrastructure will be an above ground electrical cabinet (above). Western Water will work to ensure the visible infrastructure is safe and suits the aesthetics of the reserve.

How long will the project take?

Western Water is in the final stages of planning for both the pump station and sewer main. Below is an approximate timeline for the pump station works.

June-July 2016 Pre-construction
July 2016 Detailed site investigations
End 2016 Design completion
End 2016 Tender advertised
March 2017 Tender awarded
April 2017-June 2018 Construction

The sewer main construction is expected to start in 2018. Western Water will provide a more detailed project timeline in future project updates.

Where can I get more information?

If you would like to be kept updated on our progress, or ask a question, go to westernwater.com.au, contact the Senior Community Engagement Advisor on 0409 951 597 or email majorprojects@westernwater.com.au