

Grant Street Sewer Pump Station

BUILDING FOR FUTURE GROWTH

Since we last contacted you, some local residents have asked us questions about our plans for Peelmans Lane and the reserve.

We think it's important to respond to them and let you know how we're progressing.

How severe will the pruning of the trees be?

Western Water has engaged Nuleaf Tree Services for their professional expertise to manage all tree works on this project. They will be supervised by Moorabool Shire Council who manage the reserve's trees.

The trees in Peelmans Lane Reserve that require pruning are:

- one large blue gum (native to Australia)
- one Fraxinus species or 'Ash' (non-native)
- one Melia azaderac (non-native)

The extent of the pruning is determined by several factors:

- the positioning of the powerlines
- Powercor's *Vegetation clearing requirements for new powerlines*
- additional clearances for regrowth over the next three years
- the location of the trees
- techniques outlined in *Australian Standard 4373-2007 Pruning of Amenity Trees*.

After consultation with Powercor and a qualified arborist, the large gum and smaller trees require only minor pruning which will retain their shape, shade convenience and attractiveness for residents and walking path users.

What will the trees look like once they're pruned?

We've marked the approximate pruning/reduction lines to give you an idea. This is based on advice from NuLeaf Tree Services and indicative only.

Large Blue Gum (top right)

- Minor pruning required on the south side of the tree.
- Canopy reduction to approximately the edge of Peelman's Lane's road surface.

Fraxinus species (Ash) (middle right)

- Reduction and shaping of south side of tree, including upper canopy.
- Lowest limb on south side of the tree to be removed.

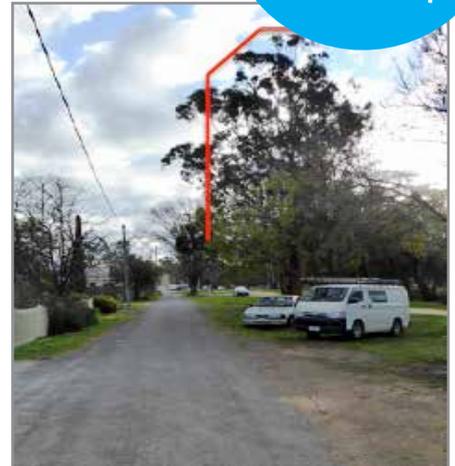
Melia azaderach (bottom right)

- Remove lowest limb on south side of tree. Reduce upper canopy, and south side of middle canopy.
- Minor pruning.

All trees will retain their natural shape and form.

Where will the powerlines and poles be located?

To relocate the powerlines, Powercor has advised they will:



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- install two new power poles in the reserve: (1) near the Werribee River east of the current pole; and (2) near the corner of the road and 2a Peelmans Lane;
- upgrade the existing power pole in Peelmans Lane opposite 1 Peelmans Lane; and
- upgrade the existing power pole in Peelmans Lane alongside 80 Grant Street.

Upgrading a power pole involves replacing the existing pole with a taller one and substituting low-voltage powerlines with main backbone feeders.

What will the reserve look like after construction of the pump station has finished?

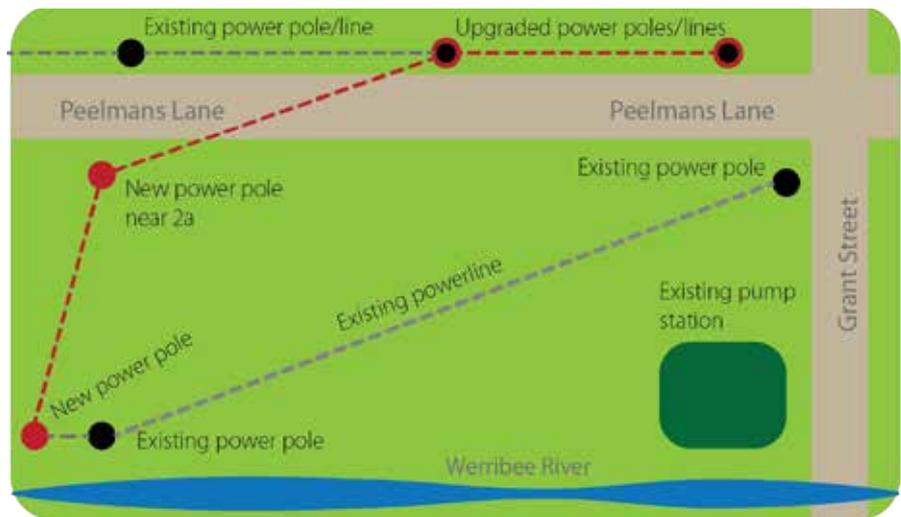
As the pump station will be installed underground, the only noticeable above ground infrastructure will be a dark green electrical/control cabinet (the existing one will be removed).

It is intended that the electrical/control cabinet will be further east of its current position. The existing pit covers will be moved easterly above the underground storage infrastructure. We'll likely install bollards to make sure cars don't park on top of the pump station covers and to keep the electrical cabinet safe.

At this stage we're yet to determine if any small cabinets or chemical dosing tanks will be required, and the exact location of manholes.

The area will be landscaped so that it suits the aesthetics of the reserve. We expect the walking track to be reinstated to its current condition. Vegetation along the riverbed will be protected.

How it looks afterwards is a combined effort. It depends on local residents, the Friends of Werribee River through Bacchus Marsh group, Moorabool Shire Council (managers of the reserve), the Department



of Environment, Land, Water and Planning (owners of the reserve) and Western Water.

Have we consulted the Friends of Werribee River?

We have discussed our plans with members of the group and have indicated we're keen to work with them to achieve the kind of space local people want and Council/ Department of Environment, Land, Water and Planning (DELWP) approves of, while also providing the access we require to the pump station.

Has flooding been factored into our design?

Yes, in fact flooding precautions have been improved. The upgrade includes a larger emergency storage tank to prevent sewage spills in the event of heavy rainfall.

Why wasn't the pump station built for a 1-in-100 year rainfall event?

The pump station will be built for a 1-in-5 year rainfall event for the following reasons:

- *The Environment Protection Act 1970* State Environment Protection Policy (Waters of Victoria); Section 35 Sewerage Management (page 21) says that

'sewerage infrastructure needs to contain flows associated with a 1-in-5-year rainfall event'

- This is the most frequent rainfall intensity for this area
- If we built it for a 1-in-100 year event the size would be enormous with much larger pumps, emergency storage, wells etc. required. Not only would this over-sized infrastructure be underutilised (as a 1-in-100 year rainfall event is by its nature very infrequent), the electricity costs (and emissions) would be considerable due to its size.

What are we doing next?

The tree works are likely to start in late August. Once completed, Powercor can then relocate the powerlines.

We're continuing to plan the pump station with detailed engineering designs expected later this year.

We'll provide you with more information at this point.

Where can I get more information?

For more information go to westernwater.com.au, contact our Senior Community Engagement Advisor on 0409 951 597 or email majorprojects@westernwater.com.au