

# Project Update

## Mardi to Warnervale Pipeline (M2WP)

July 2020

### Project Status

Construction continues on the Mardi to Warnervale Pipeline project with two crews working concurrently laying water pipeline in McPhersons Road, Mardi and Albert Warner Drive, Warnervale.

The water pipeline used for this project is manufactured in Western Australia and made from High Density Polyethylene, referred to as HDPE pipe. The pipe has an outside diameter of one metre and is supplied in thirteen metre lengths. Each length of pipe weighs approximately three tonnes.



Once the pipe has been unloaded along the construction corridor, the pipes are joined by a welding process. This involves clamping the ends of the pipe together then applying high temperature hot steel plates to melt the two ends of the pipe bonding them and creating a high strength butt weld. The water pipeline is then fully buried, by excavating a trench 1.6 metres wide and up to 4 metres deep in some locations.



Over the next four weeks, construction will involve:

- The crew attending to the Horizontal Direction Drilling (HDD) activities to install the pipe under Porters Creek and Wyong River have now completed the pilot hole. The pilot hole is a small diameter hole bored for the length of the under bore. This hole is reamed using different diameter reaming tools on several passes through the hole to create an opening large enough to pull the welded water pipe back through the completed hole.
- Our plan is to prepare the construction corridor in readiness for pipe delivery and offloading along the construction corridor around the Watanobbi area towards the end of this month. After pipe delivery, trenching and pipe welding activities will commence.
- Work crews and equipment will be working along the Albert Warner Drive road verge at Warnervale installing the water pipe and commencing construction of the Warnervale Valve House.

### Expected impacts on community

It is expected the immediate construction works will impact the community with:

- Construction activities associated with installing the pipeline along Mardi Road at Mardi starting mid July. The pipe will be installed along the northern side of Mardi Road with a detour around the works being available to local residents.
- Temporary safety fencing will be erected along the construction corridor, whilst the work is being performed and there may be a need to relocate roadside mail boxes to permit access for mail delivery and pick-up during this time. Should a mail box be relocated for the works it will be returned to the preconstruction location during the restoration activities associated with the work site.

- Residents will be provided with access to their properties, however should access to the property require temporary closure whilst the water line is being installed across the property access point, residents will be provided with advance notice regarding the closure requirement via door knock or letter.
- There will also be increased presence of work crews and equipment at Albert Warner Drive, Warnervale.

## Construction Hours

Normal working hours during construction will be:

- Trenching and Pipelaying activities
  - Monday to Friday 7am – 6pm
  - Saturday 7am – 5pm
  - No works on Sundays or public holidays
- Horizontal Directional Drilling (HDD)
  - Monday to Sunday 6am – 6pm
  - However special operations may require 24/7 operation due to technical constraints. Where out of hours works are required, residents will be notified in advance and all reasonable measures to avoid disturbance will be implemented.

## Traffic Management

Keeping the community safe throughout the construction of the pipeline is a priority. Traffic management will be in place along the following local roads over the next four weeks:

- Albert Warner Drive, Warnervale
- Alderman Road, Warnervale
- Collies Lane, Mardi
- Mardi Road, Mardi
- McPherson Road, Mardi

Please drive safely and observe instructions from our traffic management crews.



## Keeping COVID-19 safe

We care about the safety of our community, customers and employees. In response to the Coronavirus (COVID-19) situation, with we are taking measured precautions to keep our staff and community safe.

During the current COVID-19 crisis, our construction and field services crews continue to deliver essential services to the community. If you see our crews out and about undertaking construction work, please remain outside the construction area to ensure your safety and the safety of the crew. We are monitoring information supplied by NSW Health and Federal authorities daily and will providing regular updates to our community.



## Thank you to the community

Council and our construction joint venture partners, Spiecapag and Seymour Whyte (SSWJV), appreciate the co-operation provided by the community during these construction works and whilst it is understood that these activities could involve disruptions in the local areas, SSWJV will take all necessary precautions to minimise disruptions where possible.

## Want to stay informed?

We will email Project Updates regularly to the community who have registered to receive direct communication during the construction period. To sign up for this, go to [www.yourvoiceourcoast.com/M2WP](http://www.yourvoiceourcoast.com/M2WP).

You can also stay up to date via Council's social media platforms or via [www.yourvoiceourcoast.com/M2WP](http://www.yourvoiceourcoast.com/M2WP). If you have a specific query, contact the project Community Relations Manager on 1800 413 841.

The latest update video is also available via [yourvoiceourcoast.com/M2WP](http://yourvoiceourcoast.com/M2WP)! Happy viewing!