

Project Update

Mardi to Warnervale Pipeline (M2WP)

May/June 2020

Project Commencement

Construction has commenced on the Mardi to Warnervale Pipeline. This is a vitally important piece of infrastructure for the Central Coast which will service growth in the Northern Growth Corridor and the Warnervale area as well as improve drought security via increased bulk water transfers between the Central Coast and Hunter regions.



Over the next four weeks, construction will involve:

- Installation of a section of pipeline using trenchless technology called Horizontal Directional Drilling (HDD). This involves the boring of a 1.4m diameter hole through the earth to a depth of 40m then pulling the fully welded 800m pipe back through the hole and connecting it to the water line which is laid in a trench at either end of the bore hole. This technology will be used to install the pipe under Porters Creek, Wyong River and the Coastal Wetlands at Watanobbi;
- HDD crews have commenced boring activities at Mardi Road, Mardi. It is expected this operation will take approximately 6 weeks and will operate on a 7-day basis. In the meantime, other crews will be laying the water line in a trench along the edge of Collies Lane and Mardi Road to connect with the pipe installed by the HDD crew;
- Construction of the pipeline has also commenced in the Warnervale area, with preparation of the construction corridor and the stringing of water pipe along the construction route in readiness to be welded, the pipe is then laid in the trench and backfilled;

- There will be a greater presence of work crews and equipment along the Albert Warner Drive Road verge as the water pipe is being installed and activities associated with the construction of the Warnervale Valve House commence.

Expected impacts on community

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

- Increased construction activity along Collies Lane and Mardi Road, Mardi;
- Underboring activities at Mardi Road, Mardi; and
- 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.

Horizontal Direction Drilling Rig

HDD is a method of installing underground pipelines, cables or service conduits via trenchless methods. It involves the use of a directional drilling machine, and associated attachments, to accurately drill along the chosen bore path and back ream to the required pipe diameter.

After extensive investigations this technology has been chosen due to its minimal impacts on the environment, is highly suitable for areas such as creeks, rivers and wetlands, allows for installation of pipeline without the need for deep excavation or ground stabilization, maintains a cleaner job site and overall has less impact on the community.

Below is the planned configuration setup of the horizontal direction drilling rig from a previous project undertaken by the HDD contractors.



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:

- 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 evolving situation with Coronavirus (COVID-19), 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 yourvoiceourcoast.com/M2WP.

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

Finally, we have created an update video available to view at yourvoiceourcoast.com/M2WP! Happy viewing!