



North Yarra Main Sewer Rehabilitation Project Upper Section Closeout Bulletin – October 2024

NYM UPPER SECTION COMPLETION



Sewer upgrade works completed

We are pleased to advise that works to rehabilitate approximately 1.8 kilometres of the North Yarra Main (NYM) Sewer from Heidelberg Gardens in Burgundy Street to Yarra Flats Park in Ivanhoe East have been completed.

Melbourne Water and our project delivery partners, Safety Focused Performance Joint Venture, thank residents and local businesses for their patience and understanding throughout the upgrade works, which began in October 2023.

Why was this project important

NYM sewer was constructed in the early 1900s. Routine maintenance inspections of the sewer system found it was coming to the end of its working life.

Upgrading the sewer was an important initiative for residents and businesses, as it ensures that the community continues to receive secure and reliable sewerage service for decades to come.

Through delivering this project, your local area has benefitted from improved community liveability, service reliability, and environmental outcomes supported by world-class infrastructure.

What we did

We upgraded the sewer while ensuring there were no impacts or interruptions to your water or sewerage services. To upgrade the sewer, we used the Spiral Wound-In-Place lining technique. This allowed us to reline the existing sewer with new plastic sleeving without having to dig deep trenches to access the sewer.

This had several benefits including:

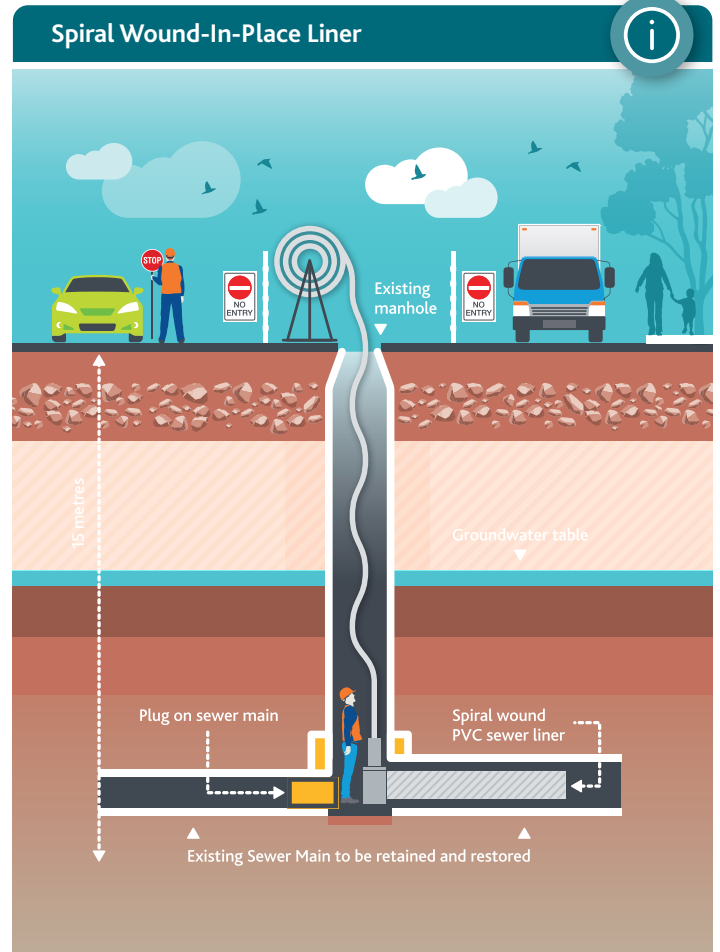
- Significantly reducing the impacts to the important cultural and environmental values of the landscape we worked within.
- Allowing the upgrade works to be completed more quickly and efficiently compared to traditional trenching methods.
- Ensuring the structural integrity of the sewer is maintained for decades to come.



How the sewer was upgraded

Upgrading the 1.8 kilometres sewer involved:

- Installing a temporary pipeline above-ground to bypass the sewer and using plug and release techniques to ensure local services operated at all times during the relining works.
- Cleaning and relining the sewer by inserting a new plastic sleeve into the existing pipe.
- Sealing the ends between the existing pipe (outside) and new liner (inside) with cement to ensure no future infiltration.
- Rehabilitating and replacing internal ladders and landings inside the maintenance holes.



KEY PROJECT DATES	
✓	September – November 2023 Early investigations of maintenance holes and cleaning of Section A
✓	December 2023 – April 2024 Relining Section A
✓	January 2024 – February 2024 Early investigations of maintenance holes and cleaning of Section B
✓	January 2024 – May 2024 Above ground sewer bypass system set up and operation
✓	February 2024 – May 2024 Relining Section B
✓	June 2024 – October 2024 Reinstate fittings fixtures in maintenance holes. Rectification works in parklands
✓	October 2024 Completion of major works

Community benefits

As part of the project, we upgraded the two access paths of the North Yarra Main Trail via The Boulevard. The enhancements included adding new crushed rock and installing new fences, making the trail more accessible and safer for pedestrians and cyclists.

DID YOU KNOW?



Did you know the first homes were connected to the sewerage system in 1897 – a milestone for the city. Visit <https://www.melbournewater.com.au/about/who-we-are/history-and-heritage/history-sewerage> to learn more about how sewerage evolved: from the early days of 'Marvellous Smellbourne', to a future in sustainable resource management.

THANK YOU



From all the project team, thank you for having us as your neighbour while we completed this essential sewer upgrade.

KEY STATISTICS

30,000 man hours
worked over 11 months



29,000 metres of Spiral Wound-In-Place liner installed, creating approx **1800 metres** of newly relined pipe



7 reinstated
ladders in maintenance holes



9,960 litres of sewerage pumped via aboveground bypass



Ageing NYM sewer **renewed**
for efficient use for the next 50 years



Freshly laid crushed rock on the Main Yarra Trail near Mossman Drive

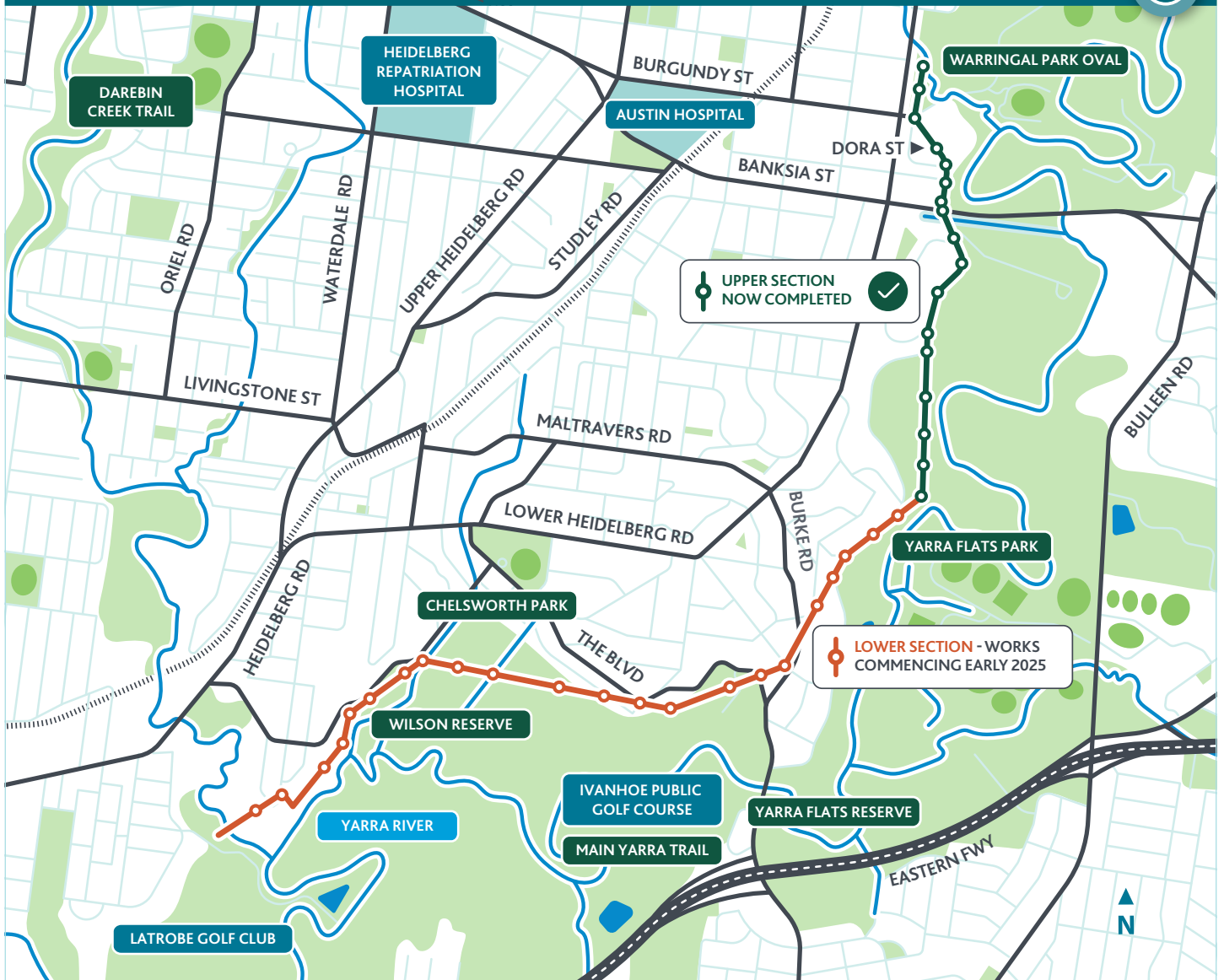


New wooden fences on the Main Yarra Trail near Mossman Drive



Freshly laid crushed rock on the Main Yarra Trail near McCubbin Street

NORTH YARRA MAIN SEWER UPPER AND LOWER SECTION MAP



Melbourne Water will commence rehabilitation on the lower section of the North Yarra Main between Ivanhoe East and Alphington from early to mid-2025. Works will be similar to the upper section and will include cleaning and relining of the sewer as well as maintenance hole modifications.

The project team is currently carrying out detailed design. Residents near the project area will be updated with more information as it becomes available.

COMMUNITY FEEDBACK

Melbourne Water is keen to hear your thoughts! By scanning the QR code below, you can take a quick 3-minute survey to provide your feedback on the project. Your feedback is important to us and will help us to plan for other projects across the wider Melbourne region.

To access the TTY and Interpreter Services: TTY 133 677
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