



# North Yarra Main Sewer Rehabilitation Project – Relining Phase Community Bulletin – November 2023

In Melbourne, a safe, clean, and healthy environment is essential to our way of life and Melbourne Water is committed to enhancing life and liveability in your area.

The North Yarra Main (NYM) Sewer transports sewage from Melbourne’s north-east to the Western Treatment Plant. The sewer was constructed in the early 1900s, and some sections are coming to the end of their working life. That’s why we will be relining the sewer to ensure a safe sewerage service for local homes and businesses today, tomorrow and for generations to come.

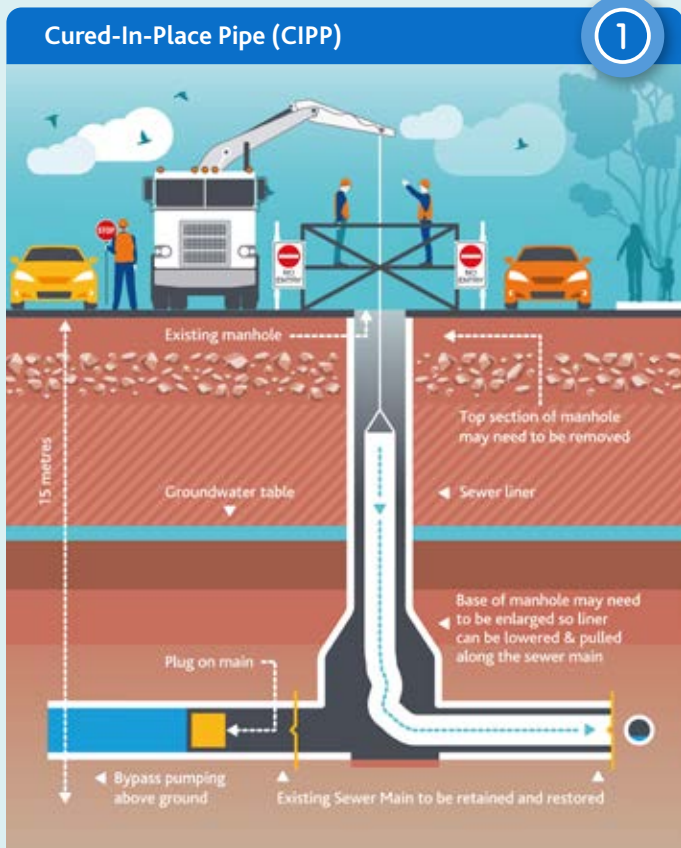
\*These dates are indicative and subject to change with no prior notice due to weather conditions and fluctuating sewer flows.

## PROJECT TIMELINES\*

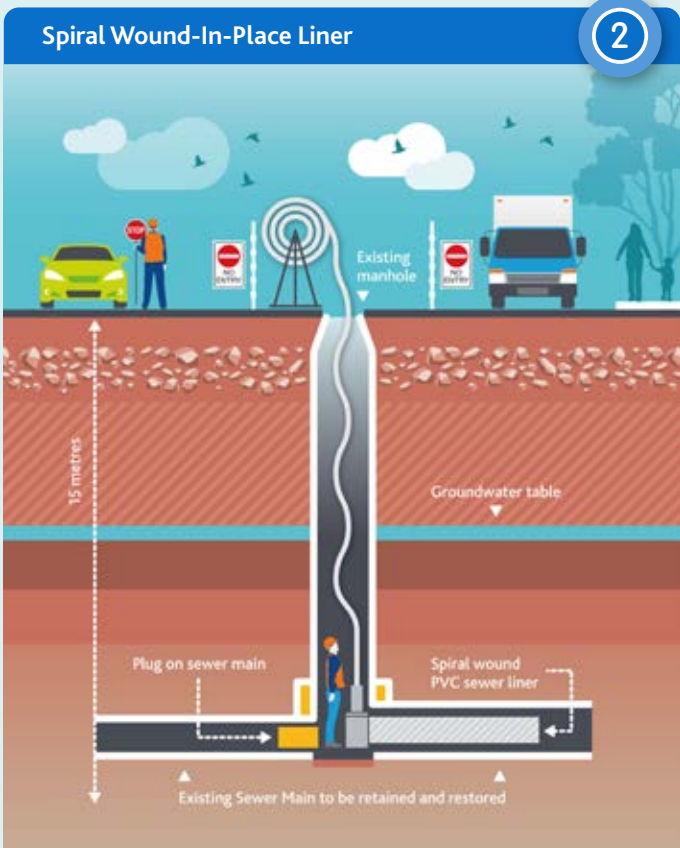


|   |                                                                                                     |
|---|-----------------------------------------------------------------------------------------------------|
| ✓ | <b>March 2023</b><br>Functional design                                                              |
| ✓ | <b>August 2023</b><br>Tender and award for construction                                             |
| ↻ | <b>Current – December 2023</b><br>Section A – Cleaning, scanning, maintenance hole rehabilitation   |
| ∨ | <b>December 2023 – February 2024</b><br>Section A – Relining NYM sewer pipe                         |
| ∨ | <b>January 2024 – March 2024</b><br>Section B – Cleaning, scanning, maintenance hole rehabilitation |
| ∨ | <b>March 2024 – Mid 2024</b><br>Section B – Relining NYM sewer pipe                                 |
| ∨ | <b>Mid 2024</b><br>Reinstatement                                                                    |

The sewer relining will occur progressively in sections and can be done using two techniques: Cured-In-Place Pipe (CIPP) and Spiral Wound-In-Place Liner processes.



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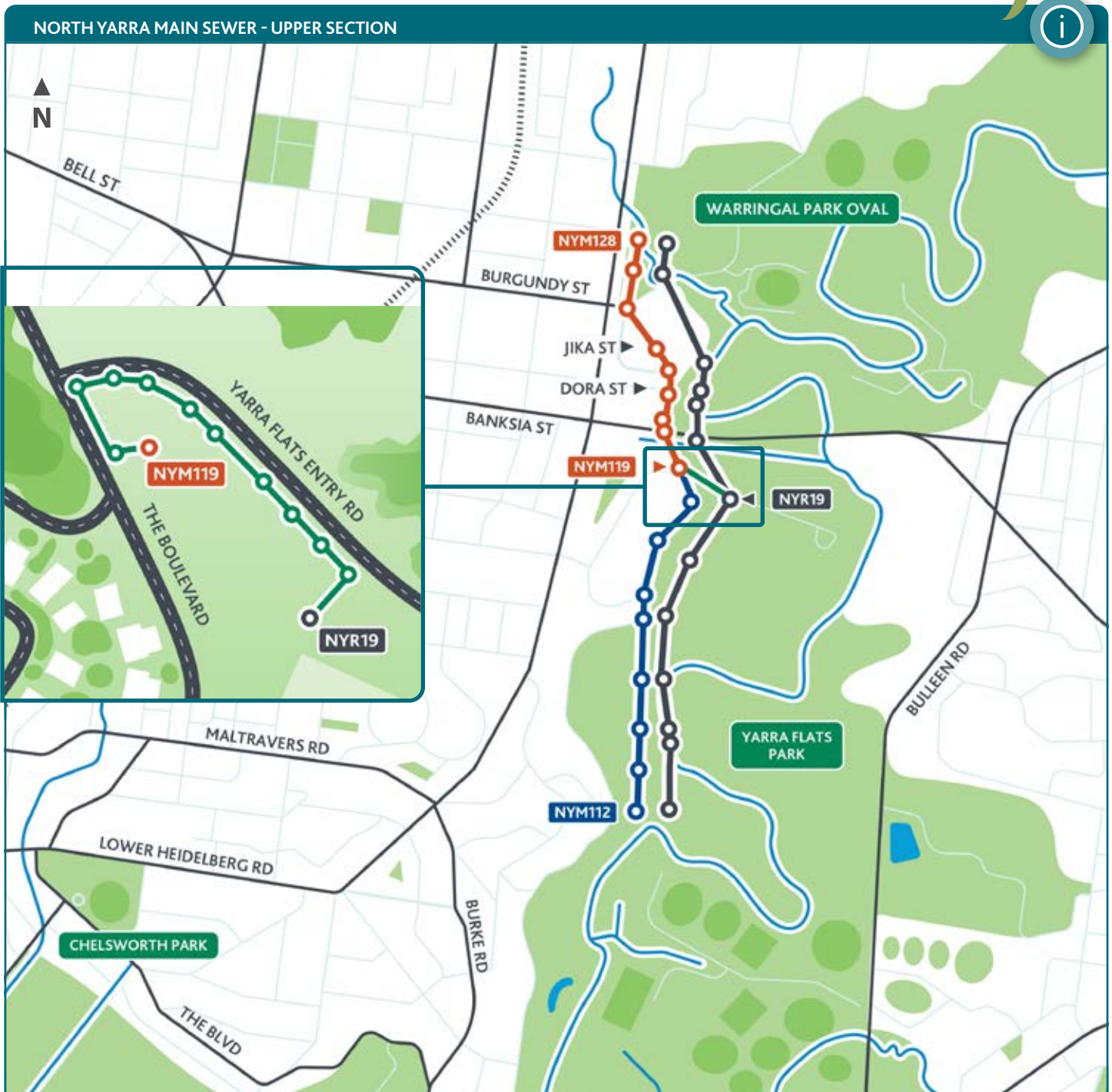


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- STAGE 1** Clean pipes, modify existing maintenance hole and measure existing pipe.
- STAGE 2** Set up plugs and/or sewer bypass pumping station.
- STAGE 3** Lay the resin-infused pipe liner flat inside the sewer pipe and expand using air.
- STAGE 4** Harden the liner using UV lights that move along the inside of the pipe.
- STAGE 5** Upgrade the maintenance hole with new lining and ladders and reinstate the work area to existing conditions.

- STAGE 1** Clean pipes, modify existing maintenance hole and measure existing pipe.
- STAGE 2** Set up plugs and/or sewer bypass pumping station.
- STAGE 3** Lower a winding machine into the maintenance hole; the machine moves along the sewer unwinding the liner and sticking it to the walls of the pipe.
- STAGE 4** Upgrade the maintenance hole with new lining and ladders and reinstate the work area to existing conditions.





## What are we doing?

### Section A

#### Maintenance holes NYM 128 to 119

Works undertaken to date have successfully cleaned and scanned the sewer pipe and we are now ready to come back in and reline it. We will also install sewer plugs on Burgundy Street maintenance holes to reduce sewer flows.

### Section B

#### Maintenance holes NYM 119 to 112

We will commence cleaning and relining works in Section B from February 2024. We will set-up a sewer bypass network at maintenance hole NYM 119, to transfer sewage from NYM to the parallel running North Yarra Reliever (NYR) Sewer.

**SECTION A**  
NORTH YARRA MAIN SEWER  
Works from Oct 23 to Feb 24

○ MAINTENANCE HOLES

**SECTION B**  
NORTH YARRA MAIN SEWER  
Works from Jan 24 to Aug 24

○ MAINTENANCE HOLES

○ NORTH YARRA RELIEVER SEWER  
BYPASS SETUP  
Works from Jan 24 to Aug 24

○ RELIEVER SEWER  
MAINTENANCE HOLES

## Working hours\*

| Location of works   | Days       | Time       |
|---------------------|------------|------------|
| SECTION A RELINING  | Sun to Thu | 8pm to 6am |
| SECTION B CLEANING  | Mon to Fri | 7am to 6pm |
| SECTION B RELINING  | Mon to Fri | 7am to 6pm |
| SEWER BYPASS SET-UP | Mon to Fri | 7am to 6pm |

On occasions we may need to undertake works on Saturday from 9am to 3pm. We will notify you in advance if these works are required.

\*These times are indicative and subject to change with no prior notice due to weather conditions and fluctuating sewer flows.

### COMMUNITY INFORMATION SESSION



We are hosting a project information session where you will have an opportunity to ask questions to our project team:

**Date** – Saturday 2 December 2023

**Time** – 11am to 1pm

**Location** – Corner of Burgundy Street and Jika Street, near the Rotunda in Heidelberg Gardens

### NO INTERRUPTIONS



There will be no interruption to your water or sewerage services during our works. If you experience any issues with your sewerage service, please contact Yarra Valley Water on **1300 304 688**.

## What to expect?

### Odour

You may notice a rotten egg type smell. This is caused by opening up the manholes and by using ventilation fans along the sewer line. Rest assured, while smelly at the moment, it is harmless and will disappear when we finish. If you are smelling an odour it is best to keep all windows and doors shut to help reduce the smell coming into your home or workplace. Steps are being taken to help reduce the odour impact of our works, but it cannot be avoided altogether.

### Traffic

There will be temporary changes to traffic conditions including lane closures, reduced speed limits, and parking restrictions. Footpaths will remain open to pedestrians and traffic controls will be present to assist motorists, cyclists, and pedestrians.

### Noise

Noise will be produced from the generators and other machinery used throughout the relining process. Soundproof matting has been installed around the sites to minimise these noise impacts.

### Environment

To safely access maintenance holes there will be some instances where trees and vegetation need to be trimmed or removed.

### Reinstatement

Reinstatement works will be undertaken to maintain the amenity of the area and all works will be regularly inspected to ensure community safety and well-being.

We'll continue to keep directly impacted residents and businesses informed on what to expect as the works progress.

## Construction delivery partner

Melbourne Water and our project delivery partners Safety Focused Performance Joint Venture (SFPJV) would like to thank the community for their patience and understanding while we complete these important works.

### KEEP UP TO DATE WITH WHAT'S HAPPENING



For more information you can scan the QR code and visit the project's webpage. If you are interested in other projects that are happening near you, visit Melbourne Water's website.

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To access the TTY and Interpreter Services: TTY 133 677  
Interpreter: 131 450

