

Rehabilitation of North West Sewer & manholes at Montgomery Park

Community Bulletin, April 2015

Background

Melbourne Water supplies drinking and recycled water and manages Melbourne's water supply catchments, rivers, creeks and major drainage systems. It also manages sewage treatment. Our network of trunk sewers and pumping stations transfers sewage from your neighbourhood to our treatment plants.

The North West Sewer (NWS) was built to transfer wastewater from Melbourne's inner north-western suburbs to the Western Treatment Plant via the Western Trunk Sewer at Brooklyn.

A section of the NWS, at Montgomery Park, is aged and at the end of its service life.

Melbourne Water plans to restore the structural integrity of this section of the sewer and its connecting manholes. This work will be completed by the Thiess Black and Veatch Joint Venture (TBVJV).

What's involved

This rehabilitation project will be completed in two stages and includes:

- Relining a 230 metre section of the existing underground sewer with steel-reinforced, high density polyethylene that is spirally wound into the existing pipe and welded into place
- Refurbishing the two sewer manholes by removing the deteriorated concrete surfaces and applying a new protective coating. These manholes are located on opposite corners of the park; NWS010 is near the intersection of Albion and Tennyson streets and NWS011 is near the intersection of Lawson and Hilda streets.

This construction work will be completed underground.

Odour mitigation equipment will be located at manhole NWS012, at Vanberg Road, Essendon.

To ensure public safety, the TBVJV will:

- Secure the worksite by installing temporary fencing around the construction site compound and manholes
- Manage and restrict vehicle access into the worksite
- Provide surveillance at the manhole openings when the lids are off and work is being completed underground.

The TBVJV will also be responsible for implementing Odour, Environment, and Traffic Management Plans while this work is being completed. No trees will be removed as specialist equipment is being brought to site or as the work is being completed.

The map shows the alignment of the underground sewer and the location of the construction site compounds – at manhole NWS10 (green) and manhole NWS11 (pink).



To minimise potential impact on the community's use of the parkland over the school holidays (28 March to 12 April), the construction team will begin mobilising equipment to site in late April 2015.

Construction work is expected to commence in early May 2015 and be completed by September 2015, weather permitting.

The hours of work will be Monday to Friday from 7.00am to 5.00pm and you will be advised if additional work is scheduled for outside these hours.

There will not be any impact on your wastewater service while this work is being completed but there may be additional traffic, noise and odour impacts.

Melbourne Water apologises for any inconvenience while this project is being completed.

More information

For more information about this rehabilitation project at Montgomery Park, please call the project team on 1800 990 467 or email montgomerypark@melbournewater.com.au