

## Upcoming work in your area

We're renewing the water main along Old Barrenjoey Road, Avalon Beach.

This is not just about pipes. It's about water – clean, life sustaining water. Our work will ensure we can continue to give you clean and reliable water every day.

### What do I need to know?

We'll soon begin renewing a section of the water main along Old Barrenjoey Road in Avalon Beach. The map over the page shows our work area. You may remember, we completed some investigations between November 2022 and April 2023 to help us plan for this work. Since then, we've been working behind the scenes to refine our plans for construction.

We know that Old Barrenjoey Road is a busy street that is much loved by locals and visitors and supports many local businesses. While our work will be disruptive, we will make every effort to reduce our impact on local businesses, residents, and pedestrians as much as possible.

Following feedback from residents and businesses, and in consultation with Northern Beaches Council, we've planned this work to start in **March 2025**, to avoid working over the peak summer season. We'll also do a mix of day work and night work hours to balance the needs of neighbours, pedestrians, and businesses.

**We'll write to you again before work starts to provide more details about our work and confirm our exact start date in March.**

#### Timing of construction



Our work is planned to start in **March 2025** and is expected to finish in **October 2025**, weather and ground conditions permitting.

#### Night works hours



Most of our work will be done at night to reduce the impact on daytime traffic flows and local businesses.

Night work hours will be used on Old Barrenjoey Road between The Crescent and Dunbar Park (**'Section 1'** see map over the page).

Our night work hours are **8 pm to 5 am, Monday nights to Friday mornings (four nights a week). We won't work Friday, Saturday, or Sunday nights.**

#### Day work hours



Some of our work needs to be done during the day in **'Section 2'** (between Dunbar Park and Avalon Fire Station).

Our standard day work hours are **7 am to 6 pm, weekdays and 8 am to 1 pm, Saturdays** (occasionally, if needed). We won't work Sundays or public holidays.

### How will the new water main be installed?

We'll use two types of construction methods to install the new water main – open trench and tunnelling.

#### Open trench

We'll install the new pipe in **Section 1** using the open trench method. Each night, we'll dig a trench, lay the water main, backfill the trench, and temporarily restore the road. We'll repeat this process as we move from The Crescent to Dunbar Park. The work will take about 22 weeks to complete.

## Tunnelling

We've found technical challenges in **Section 2**, including other buried services, soft ground, and high groundwater. We'll use a tunnelling method to install the new water main in this area. This involves digging entry and receive pits at either end, and installing the main by tunnelling between the two points. The work will be done during the day and should take about 12 to 16 weeks.

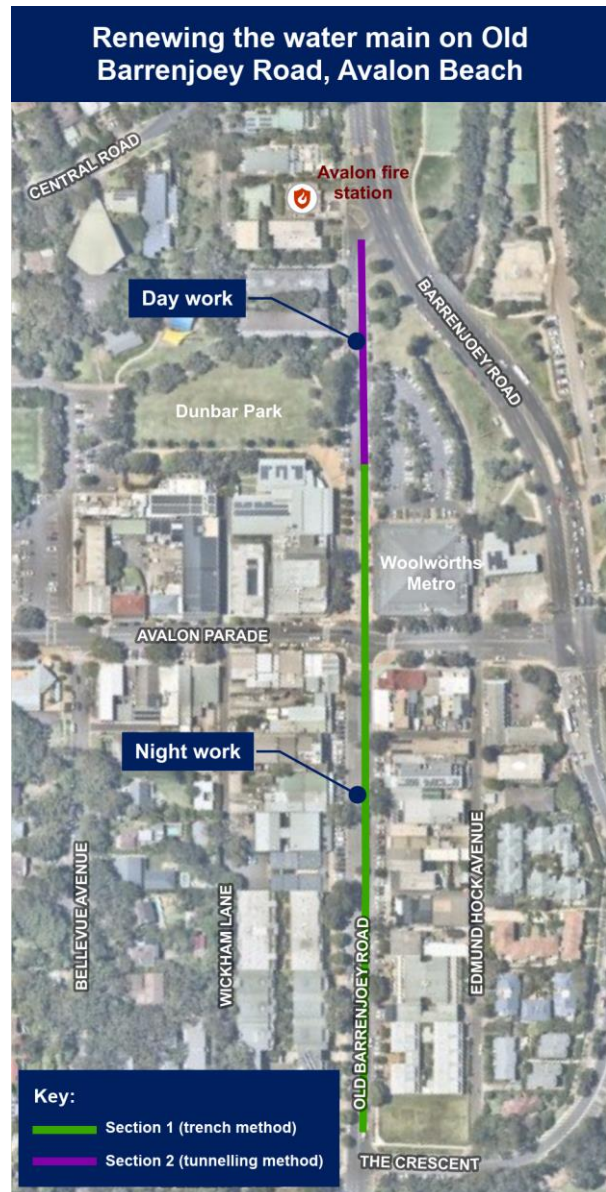
## How will the work be staged?

We'll have two crews working at the same time so that **Section 1** (night work) and **Section 2** (day work) can be done together. This helps us finish more work in the quieter months and avoid the next summer peak season. The below image provides an overview of how we will stage this work.

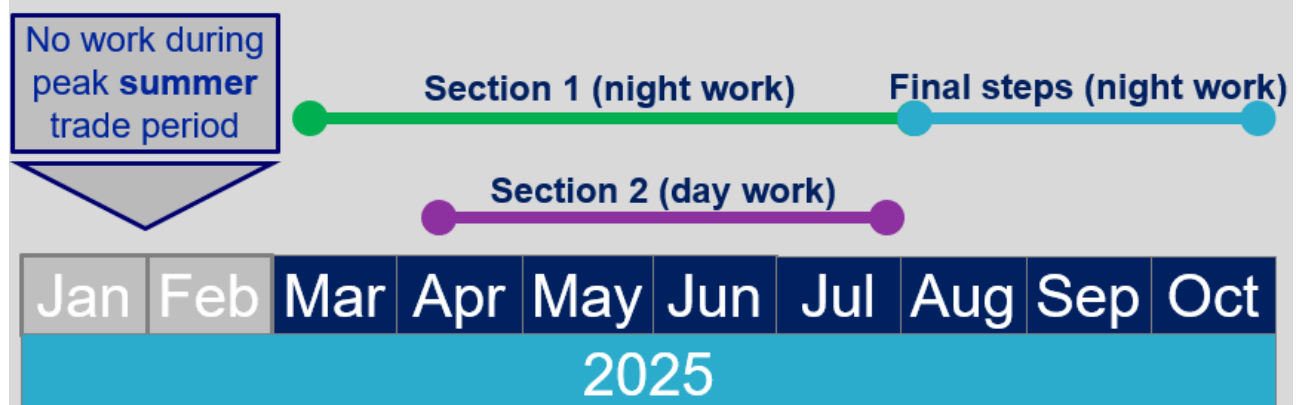
We'll start night work on **Section 1** first and we'll write to you again to confirm when the second crew will start on **Section 2**.

After the new water main is installed, we'll do final connections, clean, and prepare the new pipe for use. Once that's done, we'll pack up and restore any areas affected by our work.

The final connections and restoration work is usually less disruptive and should take about 12 weeks to complete. This part of the work will also be done at night.



## Overview of work timing and staging



*These are indicative dates to provide an overview of how we plan to stage the work. Timing may change and is subject to weather and ground conditions.*

## What can I expect?

We understand our work can be disruptive. We will make every effort to reduce our impact as much as possible. You may experience:

### Noise



There will be some noise from our equipment and machinery during the work. When working at night, we will finish the noisiest work (e.g. saw cutting or jackhammering) by **midnight**, minimise vehicle movements and avoid unnecessary loud noises where possible.

### Impact to your services



Your water services **may** be temporarily interrupted on four or five separate nights during off-peak hours. If you are affected by these shutdowns, you will receive a separate letter with more information.

### Temporary laydown areas



We'll need three temporary storage areas to support these works including:

- in the grass reserve next to the carpark near Woolworths
- a storage area in the parking lane (eight spaces used) that follows as we work progressively down the road for **Section 1**
- in the grass reserve opposite Avalon Primary School.

### Restoration



We're working closely with Northern Beaches Council to plan this work. We'll temporarily restore the road to allow for continued use. When work is complete, we'll liaise with Council to complete permanent restoration.

## Traffic and parking changes Section 1 (night work)



In Section 1, we'll need to temporarily close part of Old Barrenjoey Road where we're working at night. **Our friendly traffic controllers will maintain access for residents, and parking on either side of our work zone.** General traffic will be detoured via connecting streets.

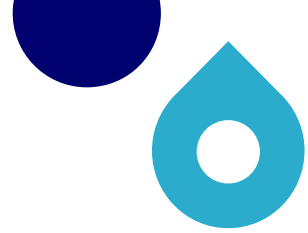
At the end of each night shift, we'll restore the road so it can be used as normal during the day.

We'll need up to borrow up to eight parking spaces for equipment storage next to our work area. This storage area will move along the road as we progress.

### Temporary traffic changes - Section 1







### Traffic and parking changes Section 2 (day work)



Our work area will be very space-constrained during the tunnelling work in Section 2.

- this section of Old Barrenjoey Road will be one-way (southbound only), with traffic directed around our work area via the carpark next to Woolworths
- on-street parking on this section of Old Barrenjoey Road will be restricted for the duration of the tunnelling work
- all parking in the Council carpark next to Woolworths will remain free for use.

**We won't be able to pack up our work areas at the end of each shift. This means that these traffic changes will be in place 24/7 for the 12 to 16 weeks while we work in this area.**

An overview of the traffic and parking changes for Section 2 is shown on the map below.

### Temporary traffic changes - Section 2



## Where do I get more information?

### Keep up to date with weekly emails



Join our email list to get weekly updates about our construction activities in the months to come. Scan the QR code, call or email our team to join.

You'll only receive emails about this project, and we won't share your details without your permission.



### Come and talk with us



We'll have **monthly drop-in sessions** in Dunbar Park. Our team will be there to discuss our work and answer any questions you have.

**When:** First Wednesday of every month, between 1 pm and 4 pm.

**First session:** Wednesday 5 February, 1 pm to 4 pm.

### Visit our project website



For more information and updates, visit our project website by scanning the QR code.



## Contact us

We are always here to keep you updated and discuss any concerns you may have during the coming months. To know more, please contact us at [confluence@sydneywater.com.au](mailto:confluence@sydneywater.com.au) or call **1800 943 119**.

We sincerely appreciate your patience and understanding during this important work.