

Project Information for Aranui Road and Stafford Drive Water and Wastewater Upgrades

Where will the work be?

The extent of the project area is marked up on the aerial photo below:



Project Location Map – Stafford Drive and Aranui Road Water and Wastewater Upgrades

What are we doing?

The project includes the following elements:

- An upgrade to the wastewater pump station in Ruby Bay, including a new underground emergency storage tank and odour control.
- A new wastewater pump station at 69 Stafford Drive, which will replace the existing pump station at 72 Stafford Drive. The new pump station will include underground emergency storage and odour control.
- A new water main running from Mapua Wharf to Pine Hill Road.
- A new wastewater pipe running from Mapua Wharf to Ruby Bay.

Why are we doing it?

The current water main running along Aranui Road and Stafford Drive is in very poor condition. There are frequent pipe bursts at multiple pipe locations. The fragile nature of the pipeline means the network is operating at a lower pressure than desirable.

The Mapua wastewater network is inefficient. There are five pump stations between Ruby Bay and Mapua Wharf which pump wastewater from one section of pipe to another. Parts of the wastewater system are frequently at capacity during rain events and overflows have recently occurred at Mapua School. Tankers are frequently required to prevent overflows in other locations. There is little or no emergency storage at the pump stations to store wastewater in the event of a power outage, mains break or high rainfall event. There is no odour control at existing pump stations.

The project will address these deficiencies. The pump station upgrades will include emergency storage and odour control. The new mains will be larger and able to sustain higher operating pressures. A wastewater pipe will be installed all the way from Ruby Bay to Mapua Wharf. A new wastewater pump station will be built at 69 Stafford Drive at a more appropriate location.

The project will also provide additional capacity to allow for growth.

When will it happen?

We are still finalising timeframes, but the aim is to have the project out to tender in November this year, with a view to starting construction in February/March 2019. We plan to have the new system constructed and operational by the end of 2019.

How will it affect me?

We are still working on the alignment of the new mains. Some sections will be installed along the road berm and some sections in the road carriageway. Traffic flows and access are being considered in the design process.

Key areas that we are focussing on are:

- Mapua shops
- Mapua School
- Mapua Wharf

During construction, a project liaison person will be available on a 24 hour phone number to address any concerns. The project liaison person will also manage any specific access requirements and be responsible for daily communication with affected parties.

How much will the work cost?

Funding has been allocated in the Long Term Plan, which was developed by Council in consultation with the community to establish project priorities.

The total project budget is \$6,501,320. This includes funding for 3 separate components:

Mapua Water Reticulation - Aranui Road and Stafford Drive Main Replacement	\$ 2,887,763
Stafford Dr Wastewater Pump Station and Rising Main	\$ 3,051,717
Ruby Bay Wastewater Pump Station and Rising Main	\$ 561,840
Total	\$ 6,501,320

The cost of the project is also determined by the market, according to the pricing received through the tender process. Once tenders are received, we will evaluate costs against the available budget.

How can I find out more?

We are keen to achieve positive outcomes and will continue to engage with the community. One way you can keep up to date with the project's progress, is to sign up for email updates:

Email 'projects@tasman.govt.nz'

In the 'subject' line, type: 'Join Mapua water and wastewater upgrade'.

We also encourage you to attend any briefing sessions Council holds. The next scheduled meetings we will attend are as follows:

8.00pm, Monday 10 September

Mapua & Districts Community Association - Open meeting

Venue: Mapua Hall, 72 Aranui Road

7.30pm, Tuesday 18 September

Mapua & Districts Business Association - Open members meeting

Venue: Mapua Hall, 72 Aranui Road

You can also speak with the Project Manager, Rob O'Grady by phone on 03-543 8400 or email him on projects@tasman.govt.nz.