



SEPTEMBER 2009

Waiwhetu Stream clean-up and flood protection works

What's happening?

Earthworks and infrastructure works are underway, with the construction of permanent flood protection features and the removal of contaminated sediment on track to begin in October.

Port Road bridge to Seaview Road bridge

The true right (northernmost) bank has been levelled and widened to create an eight-metre long accessway along the full length of this stretch of the river. This is a temporary construction to allow access for machinery. A guide wall is now being added along the water's edge, which will allow the permanent piles to be accurately positioned as they are drilled. These piles will form part of the foundation for the first retaining wall.

A sewer crossing upgrade has begun adjacent to the Owahiti urupa (cemetery), with the installation of new manholes.

Seaview Road bridge to Bell Road bridge

A pump station is being installed at Hutt Park near the Seaview Road bridge as part of sewer works by Hutt City Council. A cell has been sectioned off with sheet metal piles, and the area has been excavated. Pipes and concrete are being laid to form a new pump wet well and storage tank.

The upgrading of the stormwater pipe system next to the Top 10 Holiday Park is almost complete.

Trees have been cleared along the bank adjacent to Parkside Road, downstream of the Bell Road bridge. A series of sheet pile walls are being installed on either side of the old railway bridge to form the first coffer dam cells. These are the cells which will be the site of contamination removal.

What's next?

Port Road bridge to Seaview Road bridge

Permanent construction of the 'U-channel' will begin soon. After the construction of the guide wall, the piles will be installed for the true right bank retaining wall. The same process is about to begin on the opposite bank, with the area being cleared to build an accessway.

Erosion protection measures will be added as the U-channel walls near completion, to protect the harbour side of the bridge.

Seaview Road bridge to Bell Road bridge

The sewer pump station at Hutt Park will be completed in the next few months, with a new deeper pipeline to be installed once that section of the stream has been isolated for sediment removal.

From 1 October, when stream flow reaches its average seasonal low, clean-up works will begin from near the Bell Road bridge, working downstream. Sheet pile cells will be completed, allowing sections of the stream to be dewatered so that the contaminated sediment can be extracted.



The true right bank guide wall from the Seaview Road bridge



Sheet piles near the Bell Road bridge

When will it be happening?

The works will take place in three main stages.

Stage 1

The flood protection works between the stream mouth and Seaview Road bridge are underway, and are due to be completed by February 2010.

Stage 2

The clean-up, which involves isolating sections of the stream, will be undertaken in the drier months (commencing 1 October 2009). Channel widening and deepening in this section of the stream will be undertaken at the same time. Infrastructure improvements are taking place alongside the works processes.

Stage 3

Environmental enhancement will be undertaken over a five-year period.

Schedule of works:

- *Erosion protection work at Port Road Bridge:*
August to September 2009
- *Hutt Park Pump Station and sewer crossing:*
July 2009 to April 2010
- *Stormwater upgrades between Seaview Rd Bridge and Bell Rd Bridge:*
August to September 2009
- *Retaining wall construction on true right (north) bank:*
August 2009 to January 2010

- *Retaining wall construction on true left (south) bank:*
September 2009 to February 2010.
- *Clean-up of contaminated sediments from Bell Road Bridge to downstream of Seaview Road Bridge:*
October 2009 to April 2010.
- *Environmental Enhancement works:*
Ongoing over a five-year period.

We expect the bulk of the civil engineering works to be completed by late 2010.

How will this affect me?

Over the next month, you may experience:

- Noise from machinery as piles are installed
- Ground vibrations
- Movement of trucks transporting excavated material
- Traffic delays

What will I see?

We will do our best to minimise the impact on the local residents, however you may still see many aspects of the project. These could include:

- Trees and other vegetation being cut down and cleared away – this is for the trucks and diggers to have clear access to the stream. We will attempt to minimise the removal of vegetation and only remove as much as we have to for ease of access
- A security fence will be erected around the work site for health and safety reasons
- Site compounds, plant storage area and site car park
- Machinery sitting on the stream bed to excavate material
- Construction of concrete retaining walls

If you have any specific questions about what the current works will mean for you and the area, or any concerns or complaints, please feel free to get in touch with a member of the project team (details below).

Who should I contact?

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The main site office is located adjacent to the Pelorus Trust Sports House, off Hutt Park Road.

Hours of operation

The normal working hours will be 7am-7pm, Monday to Sunday

FOR FURTHER INFORMATION

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