

Land Drainage Recovery Programme

Reducing the risk of flooding throughout Christchurch City

Richardson Terrace pump station

March 2017

Work will soon begin on construction of a pump station in Richardson Terrace, to reduce flood risk in the Bells Creek area and improve the quality of water discharging into the Heathcote River. The work will take around 12 months to complete.

Currently, Bells Creek comes out through a large piped outfall into the Heathcote River near the intersection of Richardson Terrace and Ferry Road. The new pump station will direct stormwater flow from Bells Creek into the river during a large storm event and reduce flooding in the area. The proposed pump station at 12 Richardson Terrace will incorporate a stormwater treatment device, which will improve water quality in the Heathcote River by treating stormwater runoff from a large catchment extending to Moorhouse Avenue and the southern central business district. In normal weather conditions, the stormwater will bypass the pump station and flow by gravity into the river, as it does currently.

What will the pump station look like?

As shown in the image below, the pump station and treatment facility will be mostly underground. The exception is a small electrical control building, with an area of approximately 15 square metres, for housing electronic equipment required to operate the pump station. The site for the pump station will be raised approximately one metre, to stop the recirculation of stormwater to the pump station. Landscaping along the front will help to screen the site from the road.



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Christchurch
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The pump station will pump water under Richardson Terrace to the Heathcote River. The outfall pipes will be incorporated into an extension to the existing wharf structure and the area landscaped to blend in and enhance the surrounding area.



What will the impact of the work be?

- During the construction works, temporary traffic management will be in place in Ferry Road and Richardson Terrace. Access to private property will be kept open to residents at all times. For some Richardson Terrace residents this will require alternative routes. The contractors will notify residents of any restrictions to access to private property in advance. Alternative cycle and pedestrian access will be provided.
- For your safety, please keep away from the construction works area and adhere to all safety signage.

For information on other flood mitigation works in the area, please visit the webpage listed below.

If you have any queries or concerns, please feel free to contact the Council using the details below.