

Land Drainage Recovery Programme

*Reducing the risk of flooding
throughout Christchurch City*

Dear residents,

Recently I updated you on progress on Dudley Creek flood remediation. I'm very pleased with the pace of the design work and can now let you know Downer are starting work on Monday 28 September on the first package of work around Julius Terrace and Shirley Community Centre.



John Mackie
General Manager Infrastructure Rebuild

Dudley Creek flood remediation Stage One – Overview



Map 1—Location of work

Sourced from LINZ data, Crown Copyright reserved

There will be up to eight work packages taking two years to complete overall.

The site for Work Package One runs from Slater Street to Chancellor Street and along Julius Terrace, see Map 1. The work is located on the north side of Dudley Creek and will be done in two sections – Section One is between Slater Street and Chancellor Street and Section Two includes the section on Julius Terrace from

Chancellor Street. This work is expected to be completed by December 2015.

This stretch of Dudley Creek is being widened and re-shaped to reduce the risk of flooding in the Flockton Street area. The design includes re-shaping the sides of the existing channel to maximise capacity during increased water flows. The north side of the waterway will be re-shaped to create a "fresh plain" which will be planted with plants that "like to get their feet wet". This plain sits at a lower level to the road and properties. With normal rainfall the water level in Dudley Creek will rise slightly to cover the fresh plain.

Downer will be setting up their site office from Monday 28 September. For more information about this package of work, or to speak to Downer staff please phone: 0800 033 747 or email: dudleyinfo@downer.co.nz

Planned work



Downer will begin by taking out trees and vegetation in Section One, however three larger trees will be retained. This work also includes the

removal of the seating area near Chancellor Street.

From the week starting 5 October, trees and vegetation will be removed along Section Two from Chancellor Street east along Julius Terrace. Environmental protection will be installed to manage silt and debris and safeguard the health of the waterway.

Once the site is cleared in both sections, topsoil will be removed and earthworks to re-grade and re-shape the creek's banks will begin. The new channel will have rock edging of re-used and reshape additional basalt rock.

All of the newly-planted vegetation and trees will be irrigated during the summer months. Planting will be fully completed by winter 2016.


The artist's impression above is indicative only, but gives you a good idea of what the area will look like.

Traffic impacts

While work is underway residents' access to their properties will be maintained. Julius Terrace will be reduced to one lane with a priority give-way. Two-way traffic on Slater Street will be maintained, but the traffic lanes will be reduced in width.

 www.ccc.govt.nz/floodmitigation

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