

Christchurch water supply improvement programme

Following the Havelock North Drinking Water Inquiry and the loss of secure bore water status, Christchurch is undertaking an extensive bore head security improvement programme.

In late 2017, inspections of wellheads in Christchurch found that they were not secure and did not comply with the drinking water standards. There was a risk that contaminants could enter the water supply. Consequently, the Drinking Water Assessor revoked provisionally secure status. Christchurch City Council (CCC) decided to temporarily chlorinate the city's water supply while the wellheads were remediated.

In light of recommendations from the Havelock North Drinking Water Inquiry, CCC chose to raise over 100 below-ground wellheads above-ground to meet best practice. An extensive \$35 million programme of work is underway.

This paper shows real-world examples of wellheads, discussing the practical realities of remediating wellheads to meet the requirements that are likely to emerge from the Havelock North Drinking Water Inquiry.

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