

## Welcome

Welcome to this edition of the Water Supply newsletter. Three major milestones in our quest to secure our water supply for the next hundred years have been reached. The dam land purchase has been completed, the first production well for the river recharge scheme has been completed, and the installation of water meters has begun. This is fantastic news. We can now be confident that after years of debate and argument we have sorted out a robust, well researched, sustainable solution that will provide a good quality long-term water supply for the district.

With an additional tender for work on the scheme and the Waikanae Water Treatment Plant now let, we are well on the way to have the scheme operational by 2014/15.

Yours sincerely,



**Jenny Rowan, QSO JP**  
Mayor Kāpiti Coast District

## Tender for supply upgrade works let

A tender for the provision of works related to the Waikanae River Recharge with Groundwater scheme has been successfully let, within budget, to consultants Cardno/BTO. The detail design work on the project is now set to get underway this year.

The tender includes work to upgrade the Waikanae Water Treatment Plant, which is now 35 years old and in need of some upgrading works.

Water Supply Project Manager Phil Stroud has acknowledged the work which has been carried out to date by consultants CH2M Beca. He said their work had been excellent and exceeded expectations.

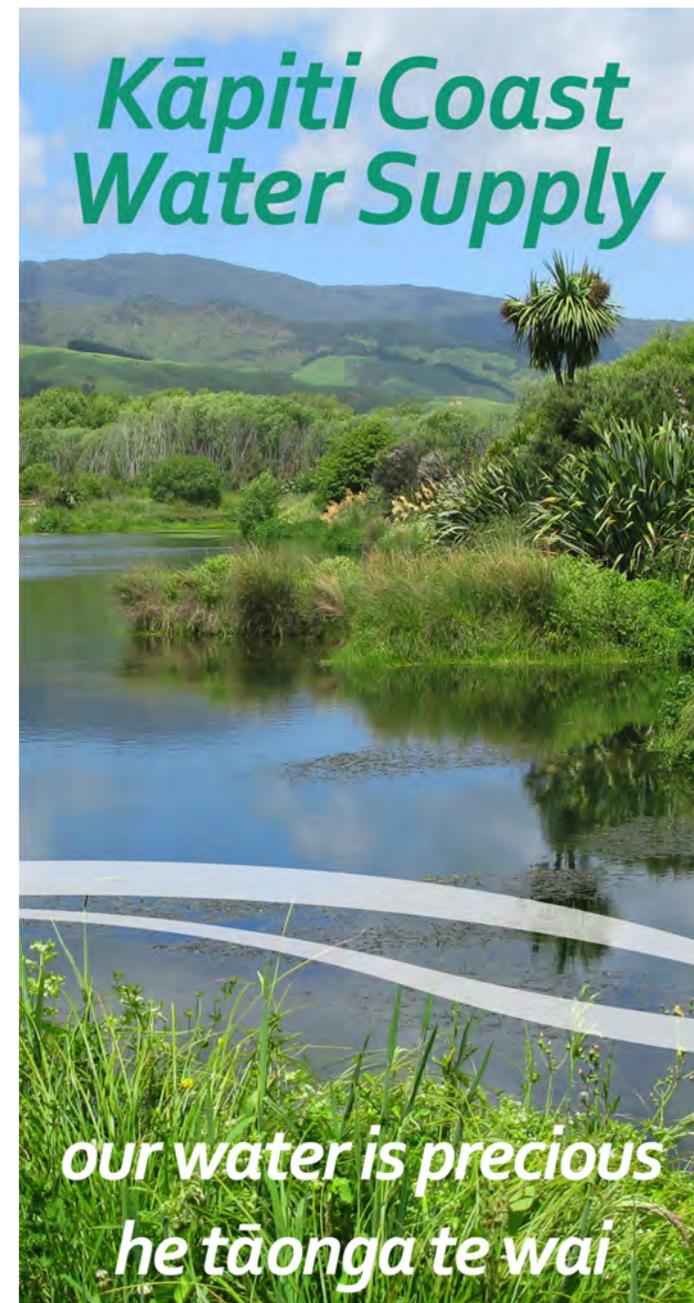
Mr Stroud says the new tender also allows for design work directly related to the recharge scheme. This is conditional on the approval processes to seek resource consent in Council.

Mr Stroud says a final project report evaluating the investigative drilling programme, groundwater modelling, a cultural impact assessment as well as additional ecological investigations in the river, is currently being drafted and will be presented to Council at the end of September. Council will then confirm whether the project will progress to the resource consent application stage.

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### Contacting the Water Project Team

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# our water is precious - he tāonga te wai

## Land purchase locks in crucial piece for Kāpiti water supply future

The Water Supply Project has reached a second major milestone this year, with the confirmation of a deal for 91.69 hectares of land on the Maungakotukutuku Stream behind Nikau Valley.

The deal was conditional on changes to the covenant affecting the land. 18.8 hectares of the land on the western sides of the property included a DoC covenant, known as the Mahaki Covenant. The land is important because it provided access to the dam site.

Water Supply Project Manager Phil Stroud says the purchase such an agreement would be a win-win situation. "There will be security for the management of a large area of bush land, while the land purchase future-proofs the water supply for Waikanae, Paraparaumu and Raumati residents for the next one hundred years or more."

"Investment in bores, the river recharge project, and conservation achieved through the installation of water meters are all part of a sensible cost-effective solution to our long-standing water issues.

The dam site land purchase involved negotiations with a number of different parties – Ikaham Holdings Ltd, Kaitawa Forests Ltd, Greater Wellington Regional Council and the Department of Conservation.

In negotiating with the Council over the land purchase, DoC agreed to a new 95ha covenant to offset the surrendering of 9ha of existing covenant. This was achieved by working with DoC to off-set the bio-diversity values lost by establishing two new covenants, both involving land owned by Reikorangi Forests Ltd.

The new dam site will provide for a future dam that will contain

up to 1,931,000 cubic metres of water with an inundation area of up to 30 metres deep in parts. The site will have a 60 metre buffer around it to allow for an access track and protect it from surrounding forestry activities.

### In Brief:

Dam land required totals 80 hectares

Council buying:

91.6 hectares from Ikaham holdings Ltd

20.43 hectares from Kaitawa Forests Ltd

1.77 hectares from Greater Wellington

Excess land to be on-sold

### Land covered by new covenant:

10 hectares bought by Council from Reikorangi Forests Ltd

85 hectares to remain in Reikorangi Forests Ltd ownership



The new lake will occupy the flat basin in the centre right of the picture

## Production well complete, resource consent pushed out

The first production well for the Waikanae River Recharge with Groundwater scheme has been completed, Water Supply Project Manager Phil Stroud says.

Mr Stroud says the N2 production well north of Waikanae had to be redeveloped because of a blockage, but this has now been completed and the well is pumping water.

Issues like the redevelopment are not uncommon and could be expected, says Mr Stroud. "The more we drill, the more we find out about the exact composition of the Waikanae aquifers. With production wells, it can be a case of two steps forward and one step back. But we got there, and things are looking good."

He says the well, which is likely to become a fully-fledged supply well, is on the unformed section of Ngarara Road surrounded by farmland.

Meanwhile, Mr Stroud says the Water Supply Project Team had decided to push out its application for resource consent for the scheme. "We have had a lot of discussions with stakeholders and we feel that it's wise to do a bit more work on an adaptive management plan for the scheme before we look for consent."

Adaptive management is essentially a risk management approach. It allows the project to have immediate responses available should any concerns arise, for example about the eco balance of the river. "The adaptive management plan is like a safety vest, putting in place measures for all eventualities," Mr Stroud says.

He expects the project team will ask Council to go ahead with seeking resource consent in late September.