



#### Ranked Option 1: River Recharge with Groundwater

Under this option residents will only drink treated river water in future.



#### Ranked Option 2: Lower Maungakotukutuku Dam

This option will future-proof water supplies for up to 100 years.

### Public information meetings to be held

#### Raumati South Hall

Supper Room, Monday 30 August, 7:30pm – 9:30pm

#### Paraparaumu Hall

Supper Room, Tuesday 31 August, 1pm – 3pm

#### Waikanae Senior Citizens Hall

Tuesday 7 September, 7pm  
(Regular Community Board meeting)

#### Ōtaki Memorial Hall

Supper Room, Tuesday 14 September, 7pm  
(Regular Community Board meeting)

### Contacting the Water Project Team

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# Kāpiti Coast Water Supply



August 2010



# our water is precious - he tāonga te wai

## Secure water source on track for residents

Council is on track to secure a drought-proof water supply system for Waikanae, Paraparaumu and Raumati residents.

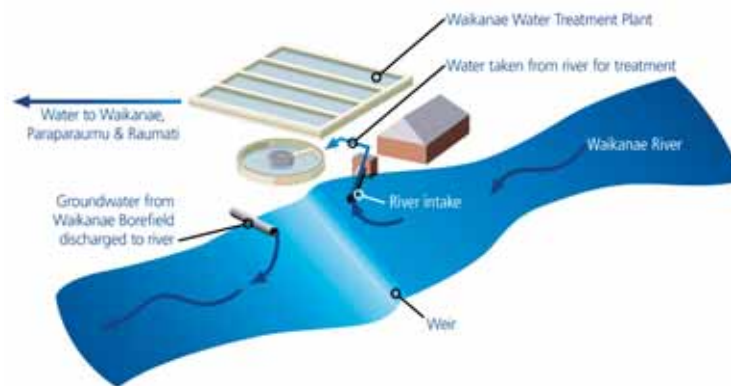
Council on August 19 confirmed 'River Recharge with Groundwater' as the top ranked water supply option, ending a process that began with 41 potential options last year. Further drilling, testing, monitoring, modeling and assessment work will now be undertaken with results being reported back to Council and community stakeholders before resource consents are sought.

Council also accepted a second recommendation to seek the conditional purchase of the Maungakotukutuku Dam site subject to final approval by Council. The site is in a natural basin behind hills to the east of Nikau Valley. The consultants said such sites would become harder to find and that by buying the land now, Council would future-proof local water supply for the next 100 years.

The full resolutions are available on Council's website.

The decision ends nearly 30 years of debate. The borefield infrastructure already in place will be used, but it will be expanded when demand dictates. This means the cost of development work can be spread over time, and will not fall wholly on the ratepayers of today, but will be funded over time by those who benefit.

Under the proposal, water from the borefield will be used to 'recharge' the Waikanae River during times of drought. This means residents will be drinking only river water in future.



The 'River Recharge with Groundwater' option was recommended by CH2M Beca in a major report it presented to Council. The option carries an estimated capital cost of \$23.8 million. Council's budget is \$23 million.

Further investigations will take place into the ground water system and also the down-stream effects on the river, but this is an important step in principle to securing the water supply for the next 50 to 100 years.

The TAG group of volunteer experts headed by former State Services Commissioner Don Hunn agreed with the option rankings by CH2M Beca, but cautioned Council against committing to a single solution until further investigation work had been completed.

## What happens next?

Council's consultants will carry out more tests to better understand the boundary between existing bores and saltwater. This will involve accessing some shallow bores. Up to six new test bores will be sunk to map yield and quality.

More work will be undertaken on what impact the bore water discharge will have on the Waikanae River.

Council will begin formal talks with local landowners in the vicinity of the proposed Maungakotukutuku Dam. These talks will include the Department of Conservation as part of the land is covered by a covenant.

Council will continue to consult stakeholder groups, including Te Ati Awa. The aim is to have documents ready for consent applications by April/May next year.

I would like to extend a 'thank you' for your continued interest in our Water project. The decision on August 19 was a significant milestone, but we still have some distance to travel together on this issue.

Yours sincerely,

**Pat Dougherty**

*Chief Executive - Kāpiti Coast District Council*