

Routine Drinking Water Profile

Directions for taking sample

Technical note 3

Chemical Testing

We have available a range of water tests suitable for checking the quality of water prior to use for domestic consumption. This routine water profile is designed to monitor the water quality for aesthetic, corrosive, and health properties as outlined in the NZ Drinking Water Standards. The range covers the more common problem elements found in drinking water.

A two-litre sample is preferred (use a plastic soft drink bottle). The bottle should be well rinsed out before the sample is taken.

If taking the sample from a tap, run the tap long enough to flush out any water which has been standing in the pipes. Fill the bottle to the top with no air space. Keep the sample cool and deliver to:

WDC Laboratory, 79 Kioreroa Rd, Whangarei.

A sample submission form is available on our website. At the very least we require the following details.

- Name, postal address & phone number of person requiring analysis
- Where the sample comes from - sample source
- Date and time of sample collection.

A written report is sent upon completion of the analysis.



Basic Chemical Water Test -

Test suite includes – pH, conductivity, total dissolved solids, alkalinity, carbon dioxide, calcium, magnesium, hardness, sodium, potassium, chloride, sulphate, nitrate-N, boron, iron, manganese, zinc, copper.

Bacterial Testing.

Microbiological testing is also available. For details refer to Technical note 1 – Microbiological analysis.

(For most water supplies, this is the minimum needed to demonstrate compliance with NZ Drinking Water Standards.)

We can tailor our testing according to your requirements, please contact the laboratory to discuss.



Whangarei District Council Laboratory