

79 Kioreroa Road
Private Bag 9023, Whangārei 0148
09 4304 220
wdclaboratory@wdc.govt.nz

We are open Monday to Friday
between 8am and 4pm. Your efforts
to deliver the samples to us by 3.30
is always appreciated.

TECHNICAL NOTE 3 | CHEMICAL ANALYSIS

Whangarei District Laboratory is IANZ Accredited and provides a wide range of testing services, please contact us to discuss and quote on your requirements.

CHEMICAL PROFILE

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

SAMPLING DIRECTIONS FOR A ROUTINE WATER PROFILE (CHEMICAL TESTING)

1. One litre of sample is required.
2. Use a clean bottle and rinse it three times with the water before filling with sample to be tested. Please do not use a milk bottle as residues can remain and may affect the results.
3. If taking the sample from a tap, run the tap long enough to ensure the water sampled is 'fresh'
4. Fill the bottle to the top with no air space.
5. Keep the sample cool and deliver on the same day as collection to:
WDC Laboratory, 79 Kioreroa Rd,
Whangārei.
6. A sample submission form is available from the lab or at www.wdc.govt.nz/WaterTesting

We require the following information as a minimum:

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

A written report is emailed upon completion of the analysis.

ROUTINE PROFILE TESTS

pH, conductivity, total dissolved solids, arsenic, lead, alkalinity, carbon dioxide, calcium, magnesium, hardness, sodium, potassium, chloride, sulphate, nitrate-N, boron, iron, manganese, zinc, copper and corrosive index.

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.