

## Metals Testing Queenstown

Watercare Laboratory Services has put together a testing package for Queenstown residents to test their water for metals of concern within their drinking water.

We are able to analyse your drinking water sample for the following metals as a part of this package;

- Arsenic
- Iron
- Manganese
- Mercury

The total package will cost **\$109.54 incl GST per sample.**

### Instructions:

1. You will need to make a payment to the following account number of **\$109.54 (incl GST)**
  - a. 02-0192-0115055-00
  - b. Please ensure your reference has “your name” and the number “12826” included
2. Upon conducting this payment, please send evidence to [labquotations@water.co.nz](mailto:labquotations@water.co.nz), stating that you have made payment. In this email you will need to provide a delivery address for us to send the sampling kit to.
3. You will then receive a kit containing the following items;
  - a. A pair of gloves
  - b. Submission form (please supply your details)
  - c. Sampling bottle (pictured to the right)
  - d. Return courier bag to send the sample back to Auckland
  - e. Hazard sheet warning of the preservative inside of the container
4. You will need to take a sample of water, please take this from a tap inside your home. Put on the gloves, run the water for a few minutes, then slowly fill the bottle. Be careful not to overflow the bottle as the nitric acid preservative will be lost.
5. Please fill in the submission form provided with the bottles with your name, phone number, email, reference 12826, time and date the sample was taken.
6. Please arrange with New Zealand Couriers to return the bag to Auckland as soon as possible.



Once this testing is completed, you will receive a Certificate of Analysis (COA) with the results of your testing. **Please note** that the certificate of analysis will not advise you if your drinking water is safe to drink, you will need to compare these results with the maximum acceptable values (MAV) outlined below and in the NZDWS 2005 (Revised 2018). Please request a copy if you do not have one as we are happy to provide this.

Below is a table outlining the maximum acceptable values from the NZDWS of the metals above.

Metal	Maximum acceptable value (MAV) NZDWS
Arsenic	0.01 mg/L (health)
Iron	0.2 mg/L (Staining of laundry and sanitary ware)
Manganese	0.10 mg/L (Taste and odour threshold)
Mercury	0.007 mg/L (health)