



What is telemetry?

Telemetry is an automated means of returning the water use data measured by your water meter to Horizons via the cell-phone network.



The electronic pulses generated by your water meter as water is abstracted are counted and reported to Horizons' computer system as a volume of water taken each hour. At the end of each day, the water use measured by your system is automatically totalled and provided through to Horizons' [WaterMatters website](#).

You can access this data the next day and use the information to help manage your water use and monitor your own compliance with your consent conditions.

Horizons' will use this data to help understand and monitor water use in the region and automatically check individual consent compliance.

Having a telemetry system installed means that as long as everything is working correctly, you are not required to manually read your water meter daily and report the data to Horizons as is the usual requirement for water takes in this region.

- While your water meter installer will be able to ensure a good meter installation, they will not be able to set up telemetry.
- Telemetry systems are installed by Horizons and remain the property of Horizons. The Horizons Water Metering Team are happy to work with you and your water meter installer to ensure your system delivers data as reported by your water meter.
- The accuracy of your water meter and the maintenance of a power supply to the telemetry system **remain your responsibility**.

Telemetry Installation and Maintenance

– what you need to know

1) Ensure you have a flowmeter with pulse output installed:

Must meet Irrigation NZ installation requirements and be performed by “Blue tick” Accredited installer
Existing installs will at minimum have to meet manufacturers specifications

The Flowmeter must be verified as accurate to +/-5% (limit) by a “irrigation NZ Blue tick” accredited service provider or at minimum scheduled to be carried out.

2) Contact HRC Water Metering Team to organise Telemetry to be installed.

A WTM member will then contact you to organise the installation of telemetry.

3) Site visit by Water Metering Team member to install telemetry

4) Annual visits by Water Metering Team member to ensure telemetry function and maintenance

(Flowmeter maintenance is the responsibility of the consent holder).

Please note: If you want to make any changes to your Water Take set up for maintenance or modification, please contact the WMT as this may affect the functionality of the telemetry and the ability to record water use information.

Water Metering Team – Contacts

If you have any questions in relation to this document please contact the water metering team via email (waterinfo@horizons.govt.nz) or freephone 0508 800 800 and ask to speak to Paul Peters or Jacob Channon for technical support or Tracey Kirwan for Compliance information.