

Certificate of Water Meter Verification

Resource Management (Measurement and Reporting of Water Takes) Regulations 2010



About this form

A water meter must measure the volume of water taken within $\pm 5\%$ of the actual volume taken. Water meters need to be verified as accurate by a person who in the opinion of the Council is suitably qualified.

Meters are required to be verified within the first water year and every five years following.

When a meter is verified the verifier is required to complete this form and submit it to Council. For more information check our website or contact the Water Conservation team.

Consent holder details

Consent No:

Consent holder:

Consent holder address:
House No. Street Suburb

Town

GPS location of meter (NZTM format) - Easting: Northing:

GPS location of take (NZTM format) - Easting: Northing:

Location of take:

Verification date: Well number(s):

Water meter/water measuring device details

Make: Meter size: (mm diameter)

Model: Pulse output: Yes No

Serial number: Volume per pulse: m³/pulse

Meter reading volume: m³ (state units if different)

Type of meter (eg electromagnetic, mechanical etc):

Off take before meter: Yes No If yes please add description of use in comments field below.

Installation details

Pipe Details:

Distance of straight, unobstructed pipe downstream of flow meter: mm

Distance of straight, unobstructed pipe upstream of flow meter: mm

Normal pipe diameter: mm Pipe wall thickness: mm

Pipe material: Mild Steel PVC Polyethylene Ductile Iron Other:

Insertion Meter

Insertion depth: mm

k factor:

Ultrasonic Meter

Transducer size: mm

Transducers sealed: Yes No

Transducer Spacing: mm

Transducers mounting: REFLECT DIRECT

Tamper Seals

List serial numbers of Tamper seals used:

Verification details

Is a clamp-on water meter used for verification: Yes No

If no, describe the method used (eg reservoir/time calculation, volumetric etc.):

Verification flow meter brand and type:

Last calibration date of the flow meter used for verification:

Calibration certificates must be sent in (once) to the Gisborne District Council, after every required calibration

Verification parameters

Used parameters for verification: Pipe diameter mm Pipe wall thickness mm

Pipe material: Ductile Steel Mild Steel PVC Polyethylene Aluminium **OR**

Other (please state):

Location in system where the clamp-on was attached:

Measured flows

Undertake three separate observations, and record and average the results in the table below.

Verification flows should be taken at or around the consented flow rate, and/or the flow rate the well is usually pumped at. If flows don't verify within 5% a second clamp-on location can/should be attempted.

	Location 1 Observation 1	Location 1 Observation 2	Location 1 Observation 3	Location 2 Observation 1	Location 2 Observation 2	Location 2 Observation 3	Average
Installed meter flow: L/s							
Verification flow meter: L/s							
% Difference							

Certification

I/we certify that the above water meter/water measuring device has been verified and the measured flow is within 5% of the verification meter.

OR

I/we have found that the installed water meter/water measuring device deviates more than 5% **above average** the verified flow.

Recommended remedial action:

That a water meter calibration certificate from the manufacturer is attached to this form.

That a picture or photo of the installation is attached to this form.

Verified by: Signed:(by verifier)

Company: Date:

Please send this form and the additional information required to water.info@gdc.govt.nz or post to Gisborne District Council, PO Box 747, Gisborne 4040.