

Water Meter Verification

**TO: Tasman District Council
 Private Bag 4
 Richmond 7050**

Consent Holder(s) Name: _____

Resource Consent number(s): _____ Meter ID: _____

Consented flow rate: _____ l/s

Meter Type (Select one): Electronic Capable Non-pulse

Model and Serial Number: _____ Meter Size: _____

Tamper proof seal(s) in place: Yes No

PLEASE ATTACH A PHOTO OF THE METER DIAL

Volume per pulse: _____ m³/pulse

Location: _____

GPS Co-ordinates (NZTM): _____ (Easting) _____ (Northing)

Verification Date (DD/MM/YYYY): _____

Installed Water Measurement System

Brief description: (e.g. data logging/telemetry, other notable features)

Reading at start of verification: _____ m³ (State units if different)

Reading at end of verification: _____ m³ (State units if different)

Verification System Details

PLEASE ATTACH A PHOTO OR SKETCH OF THE VIEW OF THE HEADWORKS, SHOWING THE POSITION OF THE VERIFICATION METER.

Method used: (e.g. reservoir/time calculation, volumetric, orifice meter, another meter i.e. magflow etc)

Verification equipment serial number: _____

Verification equipment are currently calibrated and certified: Yes No (ensure council has a copy of latest certificate)

Verification equipment available on request: Yes No

If using a clamp-on water meter for verification, prior approval from council is needed per application. If approval is granted:

Pipe outside diameter: _____

Pipe wall thickness: _____ mm

Pipe material: _____

Verification Results

No of different flow rates tested	Duration	Installed system volume (m3) <i>V_a</i>	Reference system volume (m3) <i>V_b</i>	Flow rate (l/s)	Error % $(V_a - V_b) / V_b * 100$	Individual accuracy compliant within $\pm 5\%$ (Y/N)
1						
2						
3						

Note: The number of tests should reflect the range of expected flow rates, with a minimum of three flow rates tested. Verification flows should be done at or around the consented flow rate and or the flow rate the well is usually pumped at. Ultimately these flows will be controlled by the measurement system type and site conditions. Please note below if unable to vary the flow or reach maximum consented flow rate.

Compliance with Accuracy Requirement

I/We have found that with regards to the accuracy requirement of the Regulations, the water measurement system is: *(please tick one)*

Pass Pass within Council discretion Non-compliant

General Inspection Notes and any Recommended Action

Recommended remedial action: *(if any)*

I/WE HAVE DISCUSSED THE RECOMMENDED ACTION WITH THE CONSENT HOLDER.

Verifier's name:

Signed by: *(verifier)*

Company Name:

Company Contact Phone Number:

Company Address:

Date: (DD/MM/YYYY)

If you have any enquiries, or need some assistance contact the Tasman District Council's Richmond Office: