

# 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: \_\_\_\_\_ m<sup>3</sup>/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: \_\_\_\_\_ m<sup>3</sup> (State units if different)

Reading at end of verification: \_\_\_\_\_ m<sup>3</sup> (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<sub>a</sub></i>	Reference system volume (m3) <i>V<sub>b</sub></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)*

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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:

**Tasman District Council**  
**Email** info@tasman.govt.nz  
**Website** www.tasman.govt.nz  
**24 hour assistance**

**Richmond**  
 189 Queen Street  
 Private Bag 4  
 Richmond 7050  
 New Zealand  
**Phone** 03 543 8400  
**Fax** 03 543 9524

**Murchison**  
 92 Fairfax Street  
 Murchison 7007  
 New Zealand  
**Phone** 03 523 1013  
**Fax** 03 523 1012

**Motueka**  
 7 Hickmott Place  
 PO Box 123  
 Motueka 7143  
 New Zealand  
**Phone** 03 528 2022  
**Fax** 03 528 9751

**Takaka**  
 78 Commercial Street  
 PO Box 74  
 Takaka 7142  
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**Phone** 03 525 0020  
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