

# RS5 Water Meter/Water Measuring Piped Takes Device Verification Form



**Send to:** Otago Regional Council  
70 Stafford Street  
Private Bag 1954  
Dunedin 9054  
Attn: Environmental Services

Phone: 0800 474 082  
www.orc.govt.nz

**This form must be completed by the person verifying the device**

Consent No:

Name of consent holder:

Address of consent holder:

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

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

Location of take:

Verification date:  Well no(s):

## Water meter/water measuring device details

Make:  Meter size:  (mm diameter)

Model:  Pulse output:  Yes  No

Serial number:  Volume per pulse  m<sup>3</sup>/pulse

Meter reading volume:  m<sup>3</sup> (state units if different)

## Insertion meters only

Encountered K-factor in the flow meter:  Correct  Yes  No

## Ultrasonic meters only

Transducer size encountered  Transducer spacing:

Transducer mounting: V or Z (Please circle, V = Reflect, Z = Direct) Correct  Yes  No

## Verification details

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

*If no, describe the method used) e.g. 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 Otago Regional Council, after every required calibration**

## Verification parameters

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

Pipe material: **Ductile iron, mild steel, PVC, polyethylene, aluminium, circle or other:**

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	<b>Average</b>
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 (circle one)**

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

Recommend remedial action:

Verified by:  Signed: (by verifier) .....

Company:  Date:

Please send this form and the additional information required to **watermetering@orc.govt.nz** or post to Otago Regional Council, Private Bag 1954, Dunedin 9054. Attn: Environmental Services