Flowmeter, Datalogger
Installation and Commissioning

TO: Environment Canterbury
C/o Water Metering Team
200 Tuam Street
PO Box 345
Christchurch 8140

Consent Holder: 
Consent number: CRC Well/_SWAP number(s): 
Installation date: 

Flowmeter details:
Make: 
Model: 
Serial number: 
Meter size: (mm diameter)
Pulse output: Yes/No
Volume per Pulse m³/pulse
(Start) Meter Reading Volume: m³ (state units if different)

Datalogger details:
Make: 
Model: 
Serial number: 
Installed Yes/No
Telemetry installed for compliance: Yes/No
Data hosted by: 

Installation details:
Pipe internal/external diameter: mm
Pipe Wall Thickness mm
Pipe material: Ductile Iron, Mild Steel, PVC, Polyethylene, Aluminium, other:
Distance of straight, unobstructed pipe upstream of flowmeter (distance (a) in Figure 1): mm
Distance of straight, unobstructed pipe downstream of flowmeter (distance (b) in Figure 1): mm
Is there a straight unobstructed accessible pipe in the system of at least 15 diameters length to verify the flow with a clamp-on flow meter? Yes/No
Location in system: 

Figure 1: Installation diagram - Please mark any disturbances upstream of the flowmeter e.g. pipe size reduction, gate valves, pipe bends. Refer to Figure 2 for an example of a good installation.
**Insertion meters only:**
Insertion depth: ________________  K-factor: ________________

**Ultrasonic meters only:**
Transducer size: ________________  Transducer spacing: ________________
Transducer mounting: V or Z (Please circle, V = Reflect, Z = Direct)

**Accuracy details:**
Do you have a WET calibration certificate?  □ Yes □ No  *(If yes, then please submit the certificate.)*
Has the meter been checked against a portable flowmeter?  □ Yes □ No  *(If yes please fill in water meter verification form)*

**Certification:**
I/we certify that the above flowmeter and datalogger have been installed in accordance with Environment Canterbury’s requirements.

- [ ] That a wet calibration certificate from the manufacturer is attached to this form
- [ ] That a water meter verification form is attached to this form.
- [ ] That a picture of the installation is attached to this form.

Installed by: ____________________________  Signed: (by installer) ____________________________
Company: ____________________________  Date: ____________________________

**Figure 2:** An example of an Ideal installation of a flowmeter, including obstructions in pipework.