



Well Flowmeter Accuracy Testing Form

PO Box 225 – Carpinteria, CA 93014

The Agency's Well Registration and Metering Policy (Policy) requires that meters remain within an accuracy range of $\pm 5\%$. Brand new flowmeters installed after Policy adoption must be tested for accuracy after 5 years and then every 3 years thereafter. Flowmeters that were not brand new after Policy adoption must demonstrate their accuracy initially and then through meter accuracy testing every 3 years thereafter. Flow testing shall represent typical flows from the well.

State Well Number: _____

Assessor Parcel No. (APN): _____

Parcel Address: _____

Owner: _____

Customer Meter Information		
Meter Manufacturer	Meter Model #	Meter Serial Number
Meter Units of Measure <input type="checkbox"/> AF <input type="checkbox"/> CF <input type="checkbox"/> Gal <input type="checkbox"/> Other:	Meter Multiplier	
Meter Use <input type="checkbox"/> Agricultural <input type="checkbox"/> Domestic <input type="checkbox"/> Municipal/Industrial	Meter Size (inches)	Discharge Pipe Size (inches)
Pipe Material	Pipe Inside Diameter Used for Calculation	

Control Meter Information	
Test Instrument(s) Used in the Flowmeter Accuracy Test	Control Meter Units of Measure <input type="checkbox"/> AF <input type="checkbox"/> CF <input type="checkbox"/> Gal <input type="checkbox"/> Other:

Calibration Test Results for In-Place Flowmeter Testing

		End Meter Reading	Start Meter Reading	Volume Pumped	Units	Run Time (mins)	Flow rate (gpm)	Accuracy (%) [*] see page 2
1	Customer				Units			
	Control				Units			
2	Customer				Units			
	Control				Units			
3	Customer				Units			
	Control				Units			

Flowmeter Accuracy Testing Contractor: Is the Owner's meter within a range of $\pm 5\%$ compared to the control meter for all three test segments? **YES/PASS**
 NO/FAIL

Remarks: _____

Calibration Contractor/Vendor: _____

Technician Name: _____ Date of Test: _____ Time: _____

***The Flowmeter Accuracy Testing Contractor must attach or staple proof of their instrument's calibration* ¹**



CARPINTERIA GSA
GROUNDWATER SUSTAINABILITY AGENCY

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How to Calculate the Accuracy Column

Formula:

$$\frac{\text{Control Meter Reading} - \text{Customer Meter Reading}}{(\text{Control Meter Reading} + \text{Customer Meter Reading}) / 2} \times 100 = \text{percentage (\%)}$$

Use this formula for consistency across reporting. This formula acknowledges that there may be some uncertainty in the control meter reading & therefore uses the average of the control meter reading and customer meter reading as the denominator.