

Comparing the Ag Water Measurement Regulation Requirements with the Reclamation 2011 Criteria Requirements

Subject	State Regulation	Reclamation 2011 Criteria	Remarks
Device Accuracy Standards	Section 597.3(a) - Accuracy standards +/-5% (in lab) and 10 or 12% (field conditions)	Criteria section G - Accuracy standard +/-6% under most conditions.	
Requirements for Measuring at Upstream of Multiple Customers	Section 597.3(b) – Measurement at lateral permitted subject to conditions: - lack of legal access (597.3(b)(1)(A)) - water level or flow conditions (597.3(b)(1)((B)) - Document and report on conditions and method to apportion deliveries (597.3(b)(2))	None	It appears that Reclamation allows in its Guidebook installing the device upstream of multiple customers without any conditions. Page 3-8 of Chapter 3- Guidebook section G.1.b.
Initial Certification Requirements	Section 597.4(a) - Accuracy of an existing, new or replacement measurement device to be certified by an Engineer.	None	-
Record Retention Requirements	Section 597.4(c) – Records shall be retained for 10 years or 2 AMWP cycles.	None	-
Performance Requirements	Section 597.4(d) – - Devices shall be correctly installed, maintained, operated, inspected, and monitored - Devices no longer meeting the accuracy requirements shall be repaired or replaced	Page 2-15 of Criteria - Frequency and date of last calibration required.	Calibration and documentation are recommended. Chapter 9- Calibration and Measurement. Chapter 10- Recommended Documentation Procedure.
Reporting Requirements	Section 597.4(e)(1)-(4) - - Document compliance w/ 597.3 (b) - Description of best professional practices used - Protocols used to convert non-volume readings - Schedule, budget and finance plan for taking corrective actions	None	-
Requirements for bringing existing devices under compliance	Section 597.4(e)(4) – Schedule, budget and finance plan	None	-