

Panhandle Groundwater Conservation District
Flow Meter Standards
Approved December 20, 2018

The following Flow Meter Standards (Meter Standards) apply to all flow meters installed on permitted and exempt wells that require production reporting located in the Panhandle Groundwater Conservation District. Acceptable flow meters must have a manufacturer's certification that the flow meter is accurate to within +/- 5 percent of actual flow during benchtop calibration. All wells, new or existing, producing more than 35 gallons per minute shall be equipped with a flow meter that is in compliance with these Meter Standards. As stipulated by District rules, one or more permitted wells may be metered using a central meter at the sprinkler, drip irrigation system or central collection point so long as all water produced is measured by the flow meter. Each flow meter shall be installed, operated, maintained, and repaired in accordance with the flow meter manufacturer's specifications. Determination by District staff spot checks that a flow meter is not within +/- 10 percent of flow measured using District instrumentation shall be determined to be out of compliance with these Meter Standards and shall be repaired or replaced as expeditiously as practical. All owners or operators of permitted and exempt wells that require reporting shall notify the District within five working days that a flow meter has been installed on the well or well system. District staff will conduct a site inspection within five working days to ensure that the flow meter has been installed in accordance with the flow meter manufacturer's installation specifications, to affix a unique flow meter identification label created by the District, and to record initial flow meter reading.

Well owners or operators shall notify the District within three days upon determination that the flow meter is no longer operating in accordance with the flow meter manufacturer's specification. The well owners or operators shall be responsible for maintenance and proper operation of their meters. Any necessary repairs and/or replacement shall be performed as expeditiously as possible, recognizing that interruption of production during certain periods of operations may have significant negative consequences. Once meter repairs or replacement has been completed, the well owner or operator shall notify the District office so that District staff may conduct a spot check to ensure that the flow meter is installed according to manufacturer specifications and within +/- 10 percent of flow measured using District instrumentation, and to affix a unique flow meter identification label. Well owners shall provide access to meters during normal business hours for meter reading by District Staff.

The District will provide periodic training on proper installation, maintenance and operation of meters.