

POLICY FOR THE INSTALLATION, MAINTENANCE, AND MONITORING OF WATER METERS FOR WELLS WITHIN THE SOUTHWEST KINGS GROUNDWATER SUSTAINABILITY AGENCY

ADOPTED: _____, 2020

Introduction

This Policy for the Installation, Maintenance, and Monitoring of Water Meters for Wells within the Southwest Kings Groundwater Sustainability Agency (this "Policy") is adopted by the Southwest Kings Groundwater Sustainability Agency ("SWKGSA") Board of Directors. It is the intent of this Policy to assure that accurate metering and recording of all groundwater pumping of wells within the SWKGSA is maintained to facilitate the SWKGSA's responsibilities under the Sustainable Groundwater Management Act ("SGMA").

Policy

1. Meter Requirements: This Policy applies to all groundwater wells (i) with greater than 0.16 cubic feet per second ("cfs")¹ capacity, or (ii) that pump more than two (2) acre-feet per year ("af/y"). Wells with a pumping capacity of 0.16 cfs or that pump more than 2 af/y are required to install and maintain water meters in accordance with the following specifications:
 - a. Meter Specifications: In-line meters meeting AWWA² C700 series standards. Flowrate indicators shall be in cfs and totalizers shall read in 0.00 acre-feet ("af").
 - b. Meter Sizing, Installation, and Maintenance: In accordance with AWWA Standard M6 (Water Meters, Selection, Installation, Testing, and Maintenance; AWWA, 2012) and/or manufacturer's published recommendations.
 - c. Meter Calibration and Certification: In accordance with AWWA Standard M6 (Water Meters, Selection, Installation, Testing, and Maintenance; AWWA, 2012), meters shall be tested and calibrated (or at the landowner's option, replaced) every four (4) years by an independent certified testing facility. If meter readings appear abnormal (indicator or totalizer), meters shall be inspected, tested, and calibrated within 30 days

¹ 0.16 cfs = 70 gpm

² American Water Works Association

of first observing the abnormality. Certified meter calibration and testing reports shall be submitted to the SWKGSA for review and documentation.

- d. Notification to SWKGSA: For existing wells, the landowner shall provide the SWKGSA with the following information no later than July 1, 2020. Any new wells shall provide the following information within 30 days of installation of pumping equipment.
- i. Kings County Assessor's Parcel Number ("APN") of property where the well is located.
 - ii. Design capacity (flowrate) of the wellhead pump.
 - iii. Brand, model number, and size of the meter.
 - iv. Photograph of the flowmeter indicator to clearly show:
 1. The measurement units for the flow indicator and totalizer (i.e., cfs and af); and
 2. The length and configuration of the discharge pipe at least 5 pipe diameters upstream of the meter and 2 pipe diameters downstream of the meter.
 - v. A description, with APN(s) and map, of the parcel(s) served by each well, and a description of whether the parcel(s) is served by any other wells or surface water (if so, identify the other well(s) location(s) and surface water source(s)).
 - vi. A statement signed by the landowner granting access to the SWKGSA to the property to verify the installation, operation, and/or readings of the meters (refer to section 2.a herein).

2. Meter Recording and Reporting:

- a. Access: The landowner shall grant the SWKGSA access in the form of the attached access agreement.
- b. Recording Schedule: The landowner shall record the totalizer reading and self-report the totalizer reading to the SWKGSA quarterly in January, April, July, and October.
- c. Calibration Schedule: Certified meter calibration and testing reports shall be submitted to the SWKGSA for review and documentation during the October to December period of every four years, beginning in 2024.

3. Schedule for Compliance:

- a. Existing wells:
 - i. Information in sections 1.d and 2.a shall be submitted to the SWKGSA by July 1, 2020.

- ii. Meter reading and totalizer reporting shall be submitted to the SWKGSA within 15 days of the meter readings per the schedule in section 2.b.
 - iii. Certified meter calibration and testing reports shall be submitted to the SWKGSA no later than January 15 of every fourth year, beginning in 2025.
 - b. New wells:
 - i. Information in sections 1.d and 2.a shall be submitted to the SWKGSA within 30 days of installation of the pumping equipment.
 - ii. Meter reading and totalizer reporting shall be submitted to the SWKGSA within 15 days of the meter readings per the schedule in section 2.b.
 - iii. Certified meter calibration and testing reports shall be submitted to the SWKGSA no later than January 15 of every fourth year, beginning in 2025.
- 4. Exceptions: Groundwater wells with existing meters that do not comply with sections 1.a and 1.b may have until October 1, 2021 to replace the existing meter with a meter that is compliant with this Policy. However, sections 1.d, 2.a, 2.b and 3.a(i & ii) of this Policy must still be adhered with in the interim.
- 5. Costs, Fees, and Penalties:
 - a. Costs: The landowner shall be responsible for all costs for purchasing, installing, maintaining, record-keeping, and calibrating the meter on any of its groundwater wells.
 - b. Fees: SWKGSA shall not impose any fees for field reviews, collection and recordation of data, landowner communications, and related activities, except as addressed in section 5.c.
 - c. Enforcement: If any action required by this Policy (e.g., failing to install, identify or calibrate a meter, or other required submittal) is more than one (1) month delinquent, the SWKGSA has the full authority to take action to make the necessary purchases, repairs, calibrations, readings, and related activities and charge the delinquent landowner the full costs for performing such actions, including any expenses incurred by a contractor(s), staff, consultant(s), attorney(s), or vendor(s) to rectify the non-conformance with this Policy.