

# WATER FLOWMETER REPAIR / REPLACEMENT REPORT

Kansas Department of Agriculture Division of Water Resources

OR

Local Groundwater Management District (GMD)

THIS REPORT MUST BE FILLED OUT COMPLETELY AND SUBMITTED TO THE APPROPRIATE FIELD OFFICE OR GMD WITHIN 30 DAYS AFTER THE METER WAS REPAIRED OR REPLACED.

Water Right, File No.: \_\_\_\_\_ Today's Date: \_\_\_\_\_

Well or Pumpsite Location: \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_,

Township \_\_\_\_\_ S, Range \_\_\_\_\_ E/W in \_\_\_\_\_ County, \_\_\_\_\_ feet north and \_\_\_\_\_ feet west of the SE corner.

Date the meter was found broken, malfunctioning or missing security seal: \_\_\_\_\_

Meter removed

Meter (installed)

All fields must be completed

Repaired  Replaced

<b>Date</b>		
<b>Manufacturer</b>		
<b>Model</b>		
<b>Serial Number</b>		
<b>Type of Meter</b>		
<b>Totalizer Register Unit And Multiplier factor</b> (AF x 0.001, gal x 1000, etc.)		
<b>Totalizer Reading (include multiplier)</b>		
<b>Pipe Size</b>		

Are straightening vanes installed with a manufacturer approved measuring chamber?  Yes  No

Is the required upstream and downstream straight pipe spacing met?  Yes  No

Water usage not metered: \_\_\_\_\_ hours at a rate of \_\_\_\_\_ GPM

The hours pumped can be documented with an installed hour meter on the power source or with a meter installed on equipment associated with the power source (i.e. pivot hours, engine hours, or power records, SCADA, etc.).

If meter was repaired, list the name of the Vendor who repaired the meter: \_\_\_\_\_

Copy of Vendor repair invoice with itemized list of actions taken attached (required)

Copy of Vendor comparison test results (if performed)

Energy/power records, SCADA data, or other supporting information attached (recommended)

Horsepower \_\_\_\_\_ (See note)

Note: Energy/power records can be information obtained from the electric company, natural gas company or fuel receipts in the case of diesel or propane. By knowing the quantity of energy used, the hours of operation can be calculated.

Name (print): \_\_\_\_\_ Check one:  Owner  Tenant  Agent

I declare under penalty of perjury that the foregoing is true and correct. Executed on \_\_\_\_\_.

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**NOTICE:**

**Kansas Administrative Regulation 5-1-10**

3(a) A water right owner, or the water right owner's authorized designee, shall promptly notify the chief engineer if any water flowmeter required by the chief engineer is out of compliance.

(b) Within 30 days after the date on which the out of compliance water flowmeter has been repaired or replaced, the water right owner or the water right owner's authorized designee shall notify the chief engineer in writing of the following information:

- (1) The date the water flowmeter became out of compliance;
- (2) The water flowmeter reading at the time the water flowmeter became out of compliance;
- (3) If the water flowmeter was replaced, the following information:
  - (A) The brand, model, size, and serial number of the new water flowmeter;
  - (B) The units in which the new water flowmeter reads;
  - (C) The reading of the new water flowmeter at the time of installation; and
  - (D) The location of the new water flowmeter on the diversion works or delivery system;
- (4) If the water flowmeter was repaired, the water flowmeter reading immediately before the repair and the reading of the water flowmeter at the time it was reinstalled or the repair was completed on site;
- (5) The date the repair or replacement was completed; and
- (6) The amount of water diverted while the water flowmeter was out of compliance.

(c) If the water right owner does not maintain a record of diversions of water that is sufficient to reasonably estimate the quantity of water diverted while the water flowmeter was out of compliance, it shall be assumed, for the sole purposes of enforcement of the terms, conditions, and limitations of the approval of application or water right, and priority administration of water rights among water users, that the diversion works were operated continuously at the tested rate of diversion during the entire period the water flowmeter was out of compliance. If the rate of diversion has not been tested by the chief engineer, then it shall be assumed that the diversion works were operated continuously at the authorized rate of diversion during the entire time the water flowmeter was out of compliance. The assumption set forth in this subsection shall not apply to the determination of the annual quantity of water diverted for the purpose of perfecting a water right.

(d) If the water right owner is required by the chief engineer to repair or replace an inoperable water flowmeter, it shall be the duty of the water right owner to ensure that the repaired or replaced water flowmeter is in compliance with K.A.R. 5-1-4 and K.A.R. 5-1-6.

(Authorized by K.S.A. 82a706a; implementing K.S.A. 82a706c; effective Sept. 22, 2000.)

**To properly complete the annual water use report for a year in which a meter was repaired and/or replaced:**

- 1) Provide complete beginning and ending meter readings, including multiplier digits and the unit of measurement for the period prior to the repair and the period after the repaired meter was reinstalled (repair) or for BOTH meters (replacement).
- 2) Provide hours of pump operation, rate of diversion, and compute the quantity of water diverted for time period that the meter was not in compliance and/or not installed without the meter in place. Attach supporting documentation for the unmetered quantity diverted to the report to support all computations.
- 3) Clearly note on the report that hours and rate are in addition to metered quantity due to meter malfunction.
- 4) Indicate with a note the estimated date that the meter became out of compliance.
- 5) Total the metered quantities and the computed quantities and provide a total quantity of water diverted.
- 6) Enter the letter Q in the unit column.
- 7) Complete all other data required to make a complete and accurate report.

If you have further questions on how to fill out this form, please contact the DWR field office or GMD office in your area:

<b>Topeka</b> Bldg 282, Forbes Field 6531 SE Forbes Ave., Suite B Topeka, KS 66619 (785) 296-5733	<b>Stafford</b> 300 South Main St. Stafford, KS 67578 (620) 234-5311	<b>Stockton</b> 820 South Walnut Stockton, KS 67669 (785) 425-6787	<b>Garden City</b> 2508 Johns Street Garden City, KS 67846 (620) 276-2901	
<b>GMD 1, Scott City</b> (620) 872-5563	<b>GMD 2, Halstead</b> (316) 835-2224	<b>GMD 3, Garden City</b> (620) 275-7147	<b>GMD 4, Colby</b> (785) 462-3915	<b>GMD 5, Stafford</b> (620) 234-5352