



DIVISION OF WATER RESOURCES

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DATE: APRIL 1, 2008

TO: APPROVED WELL TESTERS
GROUND WATER ASSOCIATIONS
ASSOCIATION CONSULTANTS

FROM: CHRISTINE M. LYTLE, GROUND WATER OPERATIONS COORDINATOR
DIVISION OF WATER RESOURCES, DIVISION 2

SUBJECT: MEASUREMENT RULE POLICY 2008-03.1C

- ◆ CLARIFICATION AND VARIANCE TO AMENDED MEASUREMENT RULE 3.1: TOTALIZING FLOW METER TESTING FREQUENCY
- ◆ **EFFECTIVE DATE: APRIL 11, 2008**

PURPOSE

This MEASUREMENT RULE POLICY pertains to RULES 3.1.2 AND 3.1.3 of the AMENDED RULES GOVERNING THE MEASUREMENT OF TRIBUTARY GROUND WATER DIVERSIONS LOCATED IN THE ARKANSAS RIVER BASIN (AMENDED MEASUREMENT RULES). This new MEASUREMENT RULE POLICY was developed to clarify retesting requirements for TOTALIZING FLOW METERS (TFMs).

APPLICABLE AMENDED MEASUREMENT RULES:

- ◆ AMENDED MEASUREMENT RULE 3.1.2:

"As a minimum, totalizing flow meters shall be: properly verified in the field to be in accurate working condition under the supervision of an individual or entity approved annually by the State Engineer to do such tests when installed; Totalizing flow meters are required to be re-verified in the field to be in accurate working condition under the supervision of an individual or entity approved by the State Engineer every four years after the date of original installation and flow meters in existence as of July 5, 1994, shall be certified to be in accurate working condition under the supervision of an individual or entity annually approved by the State Engineer by June 15, 1995, and reverified to be in accurate working condition every four years thereafter. The Division Engineer shall be provided notice of the re-verification on a form approved by the Division Engineer.

- ◆ AMENDED MEASUREMENT RULE 3.1.3:

3.1.3 Re-verification of totalizing flow meters shall be required more frequently than every four years if any of the following occur: the meter has been damaged, repaired, or altered in a way affecting the accuracy of the meter; the meter installation configuration is altered in a way to affect the accuracy of the meter; or if the Division Engineer conducts or reviews tests and determines an error was made.

REASONS THAT RETESTING MAY BE REQUIRED

- ◆ NEW TFM INSTALLATION TFM must be tested before Ground Water can be pumped
- ◆ TESTING FREQUENCY New Test required *no more than* four years after previous test
- ◆ REPAIR/REPLACEMENT OF TFM TFM has been damaged, repaired, or altered in a way affecting the accuracy of the meter
- ◆ CHANGES IN SYSTEM TFM installation configuration is altered in a way to affect the accuracy of the meter
- ◆ TESTING ERROR Division Engineer conducts or reviews tests and determines an error was made

RESPONSIBILITY OF DIVISION 2

DIVISION 2 will issue a letter or WRITTEN ORDER to the WELL OWNER/USER that a new TEST is required and why. **It is not the responsibility of the Tester to make such determination.** Any questions on the part of the TESTER or of the OWNER/USER should be directed to the DIVISION 2 STAFF MEMBERS listed at the end of this POLICY.

If you have questions about this or other MEASUREMENT RULE POLICIES, contact DIVISION 2 GROUND WATER OPERATIONS at 719.542.3368: Dan DiRezza (Ext. 2202), Dale Baker (Ext. 2121) or Chris Lytle (Ext. 2108).