

High Plains Underground Water Conservation District
 Certification of Water Meters (11/01/11)

For consideration and inclusion on the High Plains Water District's (HPWD) Approved Meter List, manufacturer's must complete this certification form for each individual model submitted for consideration. All documentation must be attached to verify all requested information.

The Approved Meter List may contain certain water meters that do not comply with the meter specification found in Part 1 (i)(10) which states that water meters "*shall prohibit subtracting from the total flow by either reversing the flow or turning the meter backwards in line or by any other means .*" This specification, included below in question 10, is being temporarily waived to allow manufacturers an opportunity to modify individual meter designs to address this important specification. It is the intention of the HPWD to amend the approved meter list on January 1, 2012. At that time, any water meter model that has not been modified to meet this specification will be removed from the Approved Meter List.

All required information on this certification form must be completed. Failure to provide any requested information may result in the submitted water meter not being included on the Approved Meter List.

Submit Request to:

Meter Program Supervisor, High Plains Water District, 2930 Avenue Q, Lubbock, Texas 79411

Manufacturer's Name

Model Name or Number

Manufacturer's Representative:

Address and Phone Number:

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|---|------------|------------|-----|----|
| 1. Type of Meter. | Mechanical | Electronic | | |
| 2. Type of Totalizer. | Mechanical | Digital | | |
| 3. Is this meter certified to have an accuracy of +/- 2.0% of reading when installed according to manufacturer's specifications? | | | Yes | No |
| 4. Does the manufacturer certify that it has an effective quality assurance program that includes wet calibration of a random sample of production line meters with water test equipment? | | | Yes | No |
| 5. Does the manufacturer certify that meter test equipment utilized during quality assurance protocols has been calibrated and found accurate by standards traceable to the National Institute of Standards and Technology? | | | Yes | No |
| 6. Does the meter have a normal operating range sufficient to accurately measure water flowing through the meter? | | | Yes | No |
| 7. If being utilized, is the impeller or paddle wheel diameter at least 75% of pipe inside diameter ? | | | Yes | No |

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|---|-----|----|
| 8. Does the meter clearly indicate the direction of flow? | Yes | No |
| 9. Does the meter clearly indicate the serial number? | Yes | No |
| 10. Can the total flow be reduced by reversing the flow or by turning the meter backwards? | Yes | No |
| 11. Is the meter capable of accurately reading effluent or lagoon water? | Yes | No |
| 12. Does this meter have a battery operated register? (If no, proceed to item 14.) | Yes | No |
| Does the battery have a minimum two-year life expectancy? | Yes | No |
| Does the register visibly display a low battery condition at least one month prior to battery failure? | Yes | No |
| Will the register retain the values stored in the electronic memory if all power is removed or lost? | Yes | No |
| 13. Does this meter have a mechanically operated register? | Yes | No |
| 14. Is the register waterproof? | Yes | No |
| 15. Can the register be read at all times in close proximity to the meter whether operating or not? | Yes | No |
| 16. Can the totalizer be reset by the operator? | Yes | No |
| 17. Can the totalizer provide a maximum reading greater than the maximum expected pumpage for two years of normal operation without rolling over? | Yes | No |
| 18. In what units does the meter measure? Acre-inches acre-feet gallons | | |
| 19. Can the totalizer be timed with a stopwatch, over not more than a 10-minute period, to accurately determine the rate of flow under normal operating conditions? | Yes | No |
| 20. Can the totalizer be altered without breaking the seal? | Yes | No |
| 21. Does this meter require any additional accessory components (i.e., manufacturer-approved measuring chamber) in order to meet the district's meter specifications? If so, please specify in an attachment. | Yes | No |

I WARRANT AND REPRESENT THAT BY SIGNING THIS DOCUMENT I AM AUTHORIZED BY THE MANUFACTURER TO CERTIFY THAT ALL OF THE INFORMATION ON, AND ATTACHE TO, THIS DOCUMENT IS TRUE AND CORRECT.

Signature and Date:

Printed Name