

UPPER WOOD RIVERS WATER MEASUREMENT DISTRICT
MEASUREMENT PLAN SUBMITTAL FORM FOR NON-IRRIGATION AND
IRRIGATION GREATER THAN 5 ACRES

Please fill out a form for each well, plans are due by May 1, 2012 for wells with irrigation use greater than 5 acres and/or non-irrigation uses with diversion rates greater than 0.24 cfs

Well Name: _____
IDWR Metal site tag: _____ (if applicable ex. A0001700)
Legal description of well: _____ (ex. 01N 20E sec 30 SWSW)
Owner/Operator: _____
Measurement District Account #: _____ (Sent on assessments by UWRWMD)

Check one of the following measurement options for this well:

Please note: this plan must be approved before you install a flow meter or use any alternate measurement method.

A. Is this well used for irrigation ___yes ___no
If yes how many acres _____ (*Plans are not due until April 1, 2013 for wells with irrigation of 5 acres or less*)
If no please describe the different use (*Example: stock water, commercial, domestic*)

B. I plan to install a magnetic flow meter on my well pursuant to IDWR's Order and criteria: _____
Manufacturer and Model of flow meter you have selected _____
I have not selected a meter _____ (see IDWR approved list of magnetic flow meters at the link below)
http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/Approved_flow_meter_list.pdf
Please complete section #10, then sign and submit this form to the address provided.

C. I am requesting a variance of the magnetic meter requirement: _____
Please indicate the method of measurement you wish to use and have approved:
____ Existing operating flow meter
____ Non-magnetic flow meter
____ Hour Meter / Time Clock
____ Power Consumption Coefficient (PCC)

If you are requesting a variance, you must answer the following questions:

1. If the well is used for irrigation please describe the irrigation equipment used with this well (*example: center pivot with hand lines, 1/4 mile wheel lines, solid set hand lines, etc*).

Do your pivot systems operate with corner machines? ___yes ___no ___N/A

Approximate number of acres irrigated by this well: _____ acres

2. Does the well open discharge into a pond or ditch? ___yes ___no

3. Is there a flow meter presently installed on your well? ___yes ___no

Type: _____

Manufacture: _____

Installation date: _____

Is the meter operable? ___yes ___no

4. Are there multiple pumps or power loads wired to the same electrical demand meter? ___yes ___no

If yes, how many pumps are surface water boosters that would increase the power use when the deep well is not in operation? _____

How many are in-line pressure boosters? _____

Do in-line boosters always run with the well? ____yes ____no

Is the additional power load due to something other than a motor/pump combination? ____yes ____no

5. Pressure Changes:

Do you throttle the main well pump? ____yes ____no

Do you throttle the in-line booster pumps? ____yes ____no

Additional explanation/information regarding pump throttling or pressure changes:

6. Does the system operate with a variable frequency drive? ____yes ____no

On Well motor: _____

On Booster motor: _____

On Both: _____

7. Is the well interconnected to other wells? ____yes ____no

8. Do your cropping patterns differ under pivot systems within the same year? ____yes ____no

(example: one pivot in potatoes, one pivot in wheat and both systems irrigated by the same well)

If yes, please describe:

9. Does the well production decrease over the irrigation season? ____yes ____no

Does pumping water level decrease over the irrigation season? ____yes ____no

If yes, approximately how much does the level decrease (in feet)? _____

If you answered YES to any of the questions #4 through #8, your system is not likely a candidate for the Power Consumption Coefficient (PCC) method of measurement. You will be required to install a flow meter.

If the system is an OPEN DISCHARGE system (answer to #2 is YES) and well production does not decrease during the irrigation season (answer to #9 is NO), then the system may use an hour meter for measurement.

10. **Required for all systems.** Please attach a diagram or photo of the wellhead and pumping plant. Include or show locations of all proposed or existing flow meters, and the locations of boosters, valves, elbows, chemigation ports, etc., and the spacing between each.

What is the pump discharge line size? _____

PLEASE PROVIDE YOUR SIGNATURE AND A CONTACT PHONE NUMBER, AND RETURN ALL FORMS BY MAY 1, 2012 TO:

Upper Wood Rivers Water Measurement District
C/O Rob Struthers
P.O. Box 676
Picabo, ID 83348

Name/Title

Phone #

Date