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cals.arizona.edu/cochise

January 22, 2008

Dear Cochise County Well Owner,

As you may know, there are more than 10,000 domestic wells like yours in Cochise County, but nobody really knows how much water they pump. Accurate pumpage information, including domestic well pumpage, is vital to understanding water resource conditions and planning for the future. That is why we are asking for your help.

Researchers from the University of Arizona are conducting a study of individual domestic well water use in Cochise County. The success of the study depends on well owners like you to participate. Participation is voluntary and steps have been taken to ensure that all results are completely confidential. A representative sample of 250 wells will be selected for the study. If you agree to participate and your well is selected for the study, the University of Arizona will arrange for installation of a water meter onto the pipe from your well's pressure tank, and a data logger that will electronically send the meter readings to us. This means that after the initial installation, no one will come to your property unless the device fails, at which time someone will make arrangements to remove or replace the water meter. To recognize your contribution to improving the understanding of our county domestic water well use, all participants will also have the opportunity to have an electronic tipping bucket rain gauge installed on their property.

*Your individual water usage will remain strictly confidential.* It will not be released to Cochise County, the Arizona Department of Water Resources, any other government agency or organization, or persons outside the data collection team. Information collected from each well will be combined with those of other well owners who take part in this study and analyzed as a data set. The focus of the study is to develop statistics about totals, averages, and ranges of well pumping, not information that can be traced back to any well, individual, or specific property location. In other words, the information we obtain from your well will not be released. The study will begin in December and will last for 18 to 24 months. Study information and general results will be posted at [www.sahra.arizona.edu/cochisewells/](http://www.sahra.arizona.edu/cochisewells/).

In order for us to select a representative sample of the wells in Cochise County, we ask that you complete and return the attached form. Next, someone on the study team will contact you to let you know if you have been selected into the study, and if so, to arrange for installation of the equipment. If you would like more information about the study, please call me at 520-766-3601, or Gary Woodard at 520-626-5399 or send an email to me at [spater@ag.arizona.edu](mailto:spater@ag.arizona.edu). We hope you will offer to participate. Thank you in advance for helping us with this important study!

Sincerely,

*Susan Pater*

Susan Pater

Cochise County Extension Director



# Cochise County Domestic Water Well Use Study Potential Participant Form

Name: \_\_\_\_\_

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

City: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Yes - I am willing to participate in this two-year water well use study. Below is my information.

## Please provide us some basic information to assist us in the selection process.

1. Is the water line between your pressure tank and your home:

plastic                  metal                  don't know

2. What is the distance between pressure tank and home? \_\_\_\_\_ feet

3. Do you have Internet access?    Yes or    No

If yes, please check the type:                  high-speed                  dial-up

4. How many homes are served by the well? \_\_\_\_\_

5. How many people live in the home or homes served by the well? \_\_\_\_\_

6. How long have you lived in your current home? \_\_\_\_\_ years    In Arizona? \_\_\_\_\_ years

7. Is the residence occupied:    year round or    seasonally

If seasonally, please indicate which months it is occupied:

\_\_J \_\_F \_\_M \_\_A \_\_M \_\_J \_\_J \_\_A \_\_S \_\_O \_\_N \_\_D

8. How old is the well? \_\_\_\_\_ years

In the last five years, was this well deepened or drilled to replace another well?

\_\_ Yes    \_\_ No

9. What is the best way to contact you?

email

phone    If phone, when is the best time to contact you? \_\_\_\_\_

Please send form to:

Cochise County Cooperative Extension, Attn: Well Use Study, 450 S. Haskell Ave., Willcox, Az 85643

