Water Reducing Gardening Practices Help to Save Water

Stanton (May 24, 2016) – Come join the Permian Basin Underground Water District for their 2016 Rainwater Harvesting Workshop, on Thursday, June 2nd from 5:30 pm-7:00 pm. The presentation will take place at the PBUWCD office at 708 W. St. Peter Street in Stanton, TX and is free to the public. This year's guest speaker will be Extension Agent in Horticulture, Jeff Floyd, with the Texas A&M AgriLife Extension Service. There will be a door prize drawing for a rain barrel and rain chain giveaway.

The workshop will begin with Mr. Floyd speaking about Xeriscaping and drought tolerant plant selections. His presentation will include ideas on how to start a xeriscape garden and how to select xeriscape or water-wise plants that grow well in our area.

Following Floyd, the PBUWCD staff will give a presentation discussing their new rainwater harvesting system that they recently installed on their building. They will show the step-by-step process on how it was installed and how anyone can easily install a similar system on their own home. With their first rainfall after installing their system, they were able to collect 1300 gallons of water in their tanks with just a ½" of rain! Anyone can easily figure how much rain they could collect off of their roof by using this simple formula:
catchment area (ft squared) x rainfall depth (in.) x 0.623 conversion factor = Harvested water (gal.) So in general, a 2,000 sq. foot roof produces 1,246 gallons of water per inch of rain. The next step would be to determine how much rainwater you are hoping to store. The average rain barrel holds between 40-60 gallons of water and larger systems can hold anywhere from 250 gallons to 12,000+ gallons.

The workshop will conclude with a tour of the PBUWCD grounds, showing guests the 2- 2500 barrel tank rainwater harvesting system as well as rain barrels and new xeriscape landscaping.

Come learn more on June 2nd on how you can incorporate water conservation practices in your own home and gardens!