#### Post Oak Savannah Groundwater Conservation District: Water Conservation Program

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# POSCGD Water Conservation Program Objectives:

- Rainwater Harvesting Rebate Program
- Demonstration Sites at POSGCD Office
  - Rainwater Harvesting site
  - Garden site
  - Drip irrigation site
- Education workshops and Trainings







## POSCGD Water Conservation Program Goals:

- To encourage RWH and promote water conservation within the district
- Teach and encourage practices maximizing the effectiveness of integrated rainwater harvesting systems



# What is Rainwater Harvesting?





### POSGCD Rebate Program

- Incentive rebate up to \$3,000 based on gallon capacity of cistern
- \$1.00 per gallon capacity of cistern

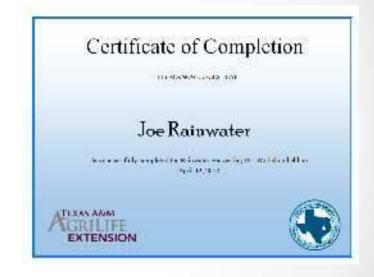
(The per gallon capacity rebate amount includes tank, gutter, tank foundation, overflow, and miscellaneous materials, which make up the system

For example, you purchase a 550 gallon tank; install gutter, overflow and miscellaneous fittings. You would receive a \$550 rebate that covers the complete system including the tank, gutter, miscellaneous fittings etc.

### Rainwater Harvesting 101

- 4 Rainwater Harvesting 101 Workshops held
  - o October 10, 2017
  - o December 12, 2017
  - o April 12, 2018
  - o July 27, 2018
- 101 Certificates handed out





#### **Evaluation Results**

#### Table: % at Good/Excellent, Pct Who Increased Understanding

c	Program Content	Pct. at Good or Excellent Before the Program	Pct. at Good or Excellent After the Program	Pct. Point Difference (After vs. Before)	Pct. With Any Increase in Understanding
1	Basics on how to construct a rainwater harvesting system	52.9%	100.0%	47.1	70.6%
2	How to use captured rainwater for landscapes,	47.1%	100.0%	52.9	76.5%
3	Catchment system requirements	29.4%	100.0%	70.6	82.4%
4	How to reduce debris getting into your catchment system	47.1%	100.0%	52.9	76.5%
5	The post oak savannah gcd's water conservation program	18.8%	93.8%	75.0	87.5%
6	All other servics offered by post oak savannah gcd (well plugging, monitoring, educational programs)	25.0%	75.0%	50.0	68.8%

### Intentions to Adopt

Practice that Could be Adopted	Percent
Construct system to capture rainwater	78.6%
Participate in the POSGCD's rainwater harvesting rebate program	76.5%
Use POSGCD as a water related resource	85.7%

#### **Installed Systems**



9 systems installed



42,800 total gallons installed and collecting rainwater



4,756 gallons/system

#### Workshops Held

- 6 training workshops held
- 137 total attendees
- 17 hours of education
- 2,239 contact hours





#### Future Workshops

- August 23, 2018 Water Sample Campaign
  - September 12, 2018 Milam County Water Well Workshop
  - September 13, 2018 Burleson County Water Well Workshop
- October 9, 2018 1 4pm RWH 101



### Free Water Well Sample Campaign August 15 — 23 RESOURCES HELF LANDOWNERS PROTECT GROUNDWATER

#### Pick Up Sample Packet // Starting August 15th

FREE \$65 Value

 Pick up sample packet August 15 23 · Cost FREE. Pick Und neations:

the Agrif life Extension office for Burleson County, 100 W. Buck St., Ste. 205 in Caldwell. the AgriLife Extension office for Milam County, 100 E. P. St. in Cameron

#### Drop Off Samples // August 23

Sample drop-off samples from 8 00 — 130 p.m.

Drop Off Locations:

the AgriLife Extension office for Burleson County & Milan County

#### Results and Well Maintenance Workshops// August 23

- I wo meetings explaining sample screening results and a water well maintenance workshop. will be held
- September II at 1-5 pm in Caldwell Civic Center, 163 State Highway 21 in Caldwell September 12 at 1 - 5 p.m. in Milam County at the POSGCD effice, 210 E. Avenue C in Milano

Samples will be screened for routine analysis plus tested for metals. The elemental analysis will show total coliform and E. coli bacteria, conductivity, pl.1, sodium, calcium, magnesum, potassium, earbonate, biearbonate, sulfate chloride, phosphorus, boron, nitrate-nitrogen, hardness, zinc, fron, copper and manganese

For more information call your County Extension office or visit. http://twon.tamu.edu/





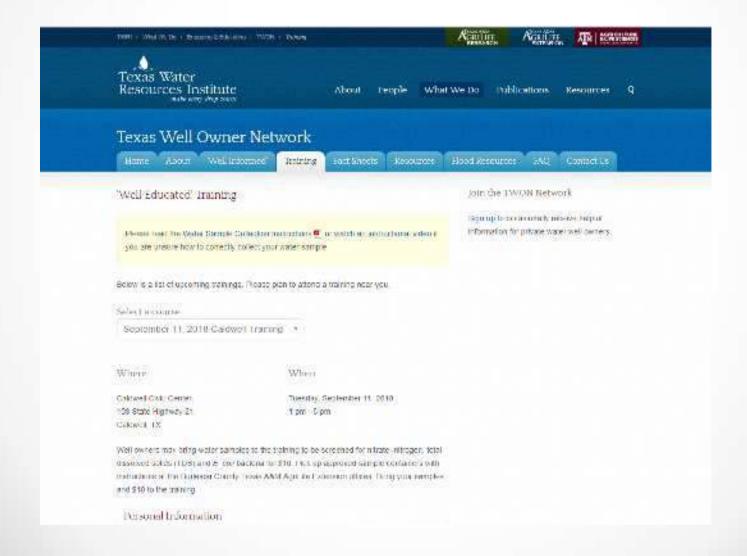


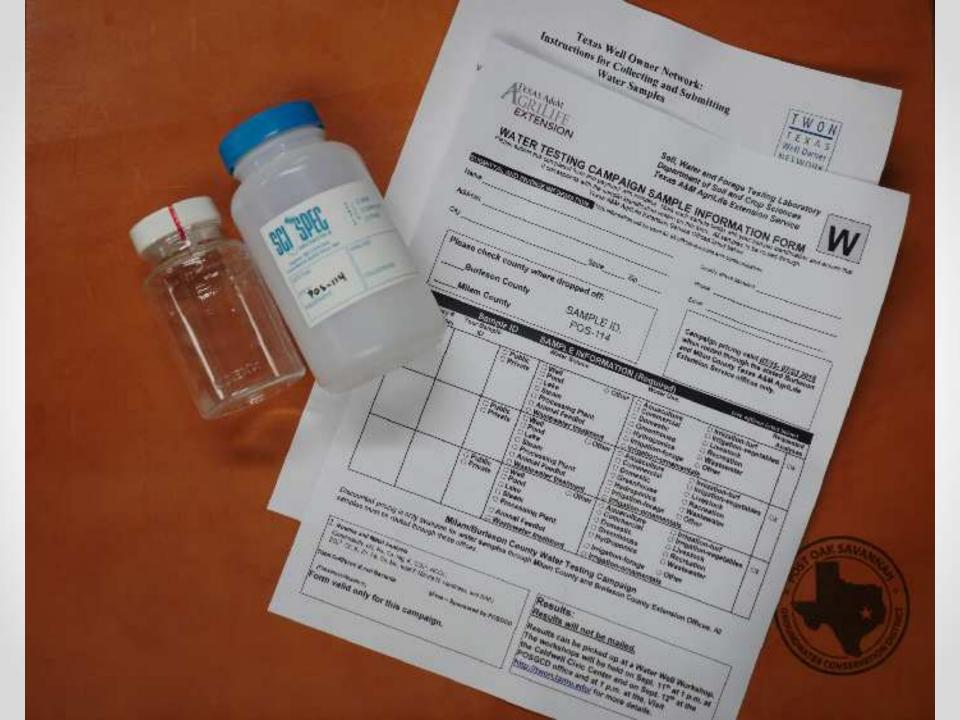


### Water Sample Campaign

- 3 steps
  - 1. Pick up sample kits (Starting today!)
  - 2. Drop off Sample bottles on August 23 at Burleson or Milam Co. Extension offices
  - 3. Pick up your results at the Water Well Workshop
    - September 11, 2018 Caldwell Training
    - September 12, 2018 Milano Training

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#### Water Well Workshop

- Receive your Sample Results
- Results Interpretation
- Groundwater 101
- Water Well Maintenance
- Septic System Maintenance
- Water Quality Issues
- Water Treatment Options

#### Thank You.

