

Post Oak Savannah Groundwater Conservation District: Water Conservation Program

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POSGCD 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
 - October 10, 2017
 - December 12, 2017
 - April 12, 2018
 - July 27, 2018
- 101 Certificates handed out



Evaluation Results

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

	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 services 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

TEXAS WELL OWNER NETWORK

RESOURCES HELP LANDOWNERS PROTECT GROUNDWATER



Pick Up Sample Packet // Starting August 15th

- Pick up sample packet August 15 — 23 • Cost: FREE

FREE!
\$65 Value

Pick Up Locations:

the AgriLife Extension office for Burleson County, 100 W. Buck St., Ste. 103 in Caldwell

the AgriLife Extension office for Milam County, 100 E. 1st St. in Cameron

Drop Off Samples // August 23

- Sample drop-off samples from 8:00 — 1:30 p.m.

Drop Off Locations:

the AgriLife Extension office for Burleson County & Milam County

Results and Well Maintenance Workshops // August 23

- Two meetings explaining sample screening results and a water well maintenance workshop will be held
- September 11 at 1 — 5 p.m. in Caldwell Civic Center, 103 State Highway 21 in Caldwell
- September 12 at 1 — 5 p.m. in Milam County at the TOSGCD office, 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, pH, sodium, calcium, magnesium, potassium, carbonate, bicarbonate, sulfate chloride, phosphorus, boron, nitrate-nitrogen, hardness, zinc, iron, copper and manganese.

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

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T W O N
TEXAS
Well Owner
NETWORK


Funding for the Texas Well Owner Network is through a Clean Water Act nonpoint source grant provided by the Texas State Soil and Water Conservation Board and the U.S. Environmental Protection Agency

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

twon.tamu.edu

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'Well-Educated' Training

Please read the Video Sample Collector Instructions [\[PDF\]](#) to watch an additional video if you are unsure how to correctly collect your water sample.

Below is a list of upcoming trainings. Please plan to attend a training near you.

Select a training:

September 11, 2010 Caldwell Training [\[+\]](#)

Where

Caldwell Oak Center
106 State Highway 21
Caldwell, TX

When

Tuesday, September 11, 2010
1 pm - 5 pm

Well owners may bring water samples to the training to be screened for nitrate-nitrogen, total dissolved solids (TDS) and E. coli bacteria for \$10. Pick up approved sample containers with instructions at the Caldwell County Texas ANM Ag & Extension office. Bring your samples and \$10 to the training.

Personal Information

Join the TWON Network

Sign up to receive monthly newsletter, helpful information for private well owners.



POS-111



Burleson & Milam Counties

SCI SPEC

POS-114

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& LEGAL SIZE
Reorder no.
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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.

