

**Texas A&M AgriLife Research & Extension Service
Texas Water Resources Institute**

**Statewide Delivery of the Texas Well Owner Network
FY 2013 CWA 319(h)
TSSWCB Project No. 13-08, FAMIS Account #06-504800**

Quarter no. 4 From 7/1/2014 through 9/30/2014

I. Abstract

The TWON 2 quarterly coordination meeting was held September 3, 2014, to touch base on the status of scheduling trainings and screenings. One *Well Informed* screenings were held this quarter resulting in 68 samples. In addition, six *Well Educated* trainings were held with a total of 310 participants. Three more events have been scheduled so far for the rest of 2014. A *Well Read* e-letter was published for Protect Your Groundwater Day.

II. Overall Progress and Results by Task

TASK 1: Project Administration

Subtask 1.1: *TWRI will prepare electronic quarterly progress reports (QPRs) for submission to the TSSWCB. QPRs shall document all activities performed within a quarter and shall be submitted by the 15th of January, April, July and October. QPRs shall be distributed to all project partners.*

The following actions have been completed during this reporting period:

- a. TWRI submitted the 4th Quarter, Year 1 report to TSSWCB on October 15, 2014.

32% Complete

Subtask 1.2: *TWRI will perform accounting functions for project funds and will submit appropriate Reimbursement Forms to TSSWCB at least quarterly.*

The following actions have been completed during this reporting period:

- a. As of October 6, 2014, \$67,468 or 14% of federal project funds had been expended.
- b. SRS will submit appropriate reimbursement forms to TSSWCB.

14% Complete

Subtask 1.3: *TWRI will host coordination meetings or conference calls, at least quarterly, with project partners to discuss project activities, project schedule, communication needs, deliverables, and other requirements. TWRI will develop lists of action items needed following each project coordination meeting and distribute to project personnel.*

The following actions have been completed during this reporting period:

- a. A quarterly project coordination meeting was held on September 3, 2014, to discuss the status of deliverables, funds and current scheduling. Meeting participants included: Diane Boellstorff (SCSC), Ryan Gerlich (BAEN), Drew Gholson (SCSC), Danielle Kalisek (TWRI), Jana Lloyd (TSSWCB), John Smith (SCSC) and Ashley Wendt (TSSWCB).

32% Complete

Subtask 1.4: *TWRI and SCSC will attend and participate in the Texas Groundwater Protection Committee and subcommittee meetings, Texas Alliance of Groundwater Districts conferences, and other meetings as appropriate in order to communicate project goals, activities and achievements accomplishments to affected parties.*

The following actions have been completed during this reporting period:

- a. The TWON Coordinator serves on the National Groundwater Association (NGWA) U.S. EPA grant advisory committee. The last Advisory Committee meeting was held on September 30. The Extension Water Resource Specialist presented information about the TWON program and schedule at the Texas Groundwater Protection Committee Public Outreach and Education (TGPC POE) Subcommittee quarterly meeting in Austin on September 16, 2014. The Water Resource Specialist serves as TGPC POE subcommittee co-chair.
- b. The TWON coordinator presented on private water well protection at the Burleson-Milam Counties Groundwater Summit on August 13.
- c. The TWON coordinator attended the Texas Alliance of Groundwater District's Texas Groundwater Summit on August 26–28.

30% Complete

Subtask 1.5: *TWRI, in collaboration with SCSC, will maintain a website to serve as a clearinghouse for TWON information and resources. Unique visitors will be tracked through the website and reported in QPRs.*

The following actions have been completed during this reporting period:

- a. The Texas Well Owner Network website went online on June 10, 2011, and continues to be maintained and updated. It can be found at <http://twon.tamu.edu/>. Since the website went online, it has been viewed by a total of 13,981 visits by 9,716 unique visitors. This quarter there were 1,583 visits made by 1,126 unique visitors this quarter.
- b. The website continues to be maintained and updated with training dates and locations.

33% Complete

Subtask 1.6: *TWRI will develop a project final report.*

The following actions have been completed during this reporting period:

- a. No activity to report this quarter.

0% Complete

TASK 2: Coordination and delivery of TWON screenings and trainings

Subtask 2.1: *SCSC will continue to employ an Extension Program Specialist who will serve as the full-time TWON Program Coordinator and will be responsible for the general oversight and coordination of all project activities and for promoting, coordinating, and/or delivering the TWON training events.*

The following actions have been completed during this reporting period:

- a. Drew Gholson, Extension Program Specialist, continues serving as TWON Program Coordinator and continues scheduling and coordinating training locations and dates.

32% Complete

Subtask 2.2: SCSC will work with the TSSWCB and other state and local organizations to select locations for the TWON well screening and training events. SCSC will coordinate efforts with state agencies and organizations already involved in WPP/TMDL processes or who are planning future WPP/TMDL processes in specific watersheds. SCSC and TSSWCB will periodically make collaborative decisions to re-prioritize and add/remove locations from the list.

The following actions have been completed during this reporting period:

- a. Scheduling continued using the list of priority locations. Seven events were scheduled and/or held this quarter with three more events scheduled so far for the rest of 2014.

10% Complete

Subtask 2.3: SCSC with assistance from TWRI will develop and disseminate informational materials in order to actively market TWON well water screenings and trainings including news releases, internet postings, newsletter announcements, public/conference presentations, flyers, etc. As appropriate TWRI will include information on the project in the txH₂O, Conservation Matters e-letter and AgriLife news. All announcements, letters, and publications will be provided to the TSSWCB for review and comment prior to dissemination.

The following actions have been completed during this reporting period:

- a. This quarter one issue of *Well Read* was sent to subscribers on September 9, 2014. There are currently 282 subscribers. Those interested in receiving *Well Read* can sign up on the TWON website.
- b. TWRI helped TWON coordinator and program specialist revise six press releases for upcoming trainings and screenings that were sent out through *AgriLife Today*; two were re-published through popular/local media.

Date published	Title	Media Outlet
7/1/2014	Texas well-owner training set for July 23 in Sonora	AgriLife Today
7/10/2014	Groundwater summit topics include managing, protecting resources	The Cameron Herald
7/16/2014	Texas well-owner training set for Aug. 2 in Brazoria	AgriLife Today
7/18/2014	Texas water well network	Alice Echo News Journal
7/21/2014	Texas well-owner training set for Aug. 7 in Yoakum	AgriLife Today
7/21/2014	Private water well screening set for July 30 in Sweetwater	Sweetwater Reporter
7/22/2014	Texas Well Owners Network educational program to be hosted Aug. 7	Victoria Advocate
7/23/2014	Texas well-owner training set for Aug. 19 in Robstown	AgriLife Today
7/23/2014	Well owner training set for Aug. 7, Yoakum	Texas Farm Bureau
7/24/2014	Texas well-owner training set for Aug. 20 in Refugio	AgriLife Today
8/2/2014	Texas well-owner training set for Aug. 2 in Brazoria	The Facts
8/7/2014	Well-owner training planned for Robstown	Alice Echo News
8/7/2014	Well-owner training planned for Robstown	Nueces County Record Star

8/19/2014	Texas Well Owner Network training	Corpus Christi Caller Times
9/21/2014	Private water well screenings set for October in Jack, Montague, Palo Pinto and Parker counties	AgriLife Today

32% Complete

Subtask 2.4: *Deliver well screening events to provide well-head protection information and recommendations for remediating well contamination, if appropriate. Screenings will be delivered by the SCSC Assistant Professor and Extension Specialist, TWON Coordinator and/or the SCSC Program Specialist as appropriate. A minimum of 20 well screening events (about 7 each year) will be delivered throughout the project. Well screening event educational programming will include an overview of the topics discussed in more detail during comprehensive TWON trainings.*

The following actions have been completed during this reporting period:

- a. One well screening was held during this quarter with 68 samples. Well screenings were held in:
 - a. Nolan County, July 30, 2014 with 68 samples

45% Complete

Subtask 2.5: *Deliver 6-hour TWON trainings in selected watersheds, with the minimum goal being 30 events delivered throughout the course of the project (10 each year) to increase local understanding of the factors which can adversely impact well water quality, and provide information and tools to prevent and/or resolve them. Trainings will include a well water screening opportunity for participants. These screenings are in addition to the 20 screening events described in Subtask 2.4. Trainings will be delivered by the TWON Coordinator, and a combination of the BAEN and SCSC Program Specialists and the SCSC Assistant Professor and Extension Specialist.*

The following actions have been completed during this reporting period:

- c. Three trainings were held during this quarter with 310 participants. Trainings were held on:
 - a. July 23 in Sutton County with 32 participants
 - b. July 24 in Gillespie County with 67 participants
 - c. August 2 in Brazoria County with 67 participants
 - d. August 7 in Dewitt County with 73 participants
 - e. August 19 in Nueces County with 45 participants
 - f. August 20 in Refugio County with 26 participants

33% Complete

TASK 3: Evaluate the effectiveness of the TWON trainings

Subtask 3.1: *SCSC will administer pre-test and post-test evaluations to evaluate knowledge increases by individuals participating in the TWON trainings regarding program principles, appropriate BMPs addressing proper private well management, participant satisfaction with the program and participants' intentions to change their behavior as a result of the TWON training.*

The following actions have been completed during this reporting period:

- a. Pre-test, post-test and program evaluations are being distributed during each training.

35% Complete

Subtask 3.2: *SCSC will administer 6 month follow-up evaluations via online techniques to assess behavior changes adopted and other activities by TWON training participants.*

The following actions have been completed during this reporting period:

- a. No activity to report this quarter.

0% Complete

Subtask 3.3: *SCSC will analyze results obtained from the pre-test/post-test and 6 month follow-up evaluations using descriptive summary statistics.*

The following actions have been completed during this reporting period:

- a. No activity to report this quarter.

0% Complete

Subtask 3.4: *SCSC will modify the educational program and materials as appropriate.*

The following actions have been completed during this reporting period:

- a. No activity to report this quarter.

3% Complete

III. Related Issues/Current Problems and Favorable or Unusual Developments

- No activity to report this quarter.

IV. Projected Work for Next Quarter

- TWON Coordinator will continue making contacts to determine availability and locations for trainings.
- TWON Coordinator will continue publishing the *Well Read* newsletter periodically.
- SCSC Program Specialist will continue to schedule screenings for suitable locations.
- TWRI will schedule quarterly meeting with program leaders and TSSWCB.
- TWRI will continue to assist with updating press releases for upcoming trainings and screenings, and assist with the *Well Read* e-letter.
- TWRI will facilitate completion and submission of the TWON quarterly report for next quarter.