

**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. 5 From 10/1/2014 through 12/31/2014

I. Abstract

The TWON 2 quarterly coordination meeting was held December 2, 2014, to discuss upcoming and planned trainings and screenings. Three *Well Informed* screenings were held this quarter resulting in 269 samples. Four *Well Educated* trainings and five *Well Informed* screenings are scheduled for next quarter.

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 5th Quarter, Year 2 report to TSSWCB on January 15, 2015.

40% 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 January 12, 2014, \$103,066 or 22% of federal project funds had been expended.
- b. SRS will submit appropriate reimbursement forms to TSSWCB.

22% 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 December 2, 2014, to discuss the status of deliverables, funds and scheduled trainings and screenings. Meeting participants included: Diane Boellstorff (SCSC), Ryan Gerlich (BAEN), Drew Gholson (SCSC), Danielle Kalisek (TWRI), John Smith (SCSC) and Ashley Wendt (TSSWCB).

40% 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 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 November 12. The Water Resource Specialist serves as TGPC POE subcommittee co-chair.
- b. The TWON Coordinator participated in the Texas State Soil and Water Conservation District Directors annual meeting in Galveston, TX, October 27–29, 2014. The TWON project was an exhibitor and the Coordinator spoke about the program and distributed publications to attendees.

38% 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 14,996 visits by 10,526 unique visitors. This quarter there were 1,015 visits made by 847 unique visitors this quarter.
- b. The website continues to be maintained and updated with training dates and locations.

40% 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.

40% 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; other locations are being considered after discussions with TSSWCB and interest from others. Three events were held this quarter with 11 more events scheduled so far for 2015.

30% 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. TWRI helped TWON coordinator and program specialist revise press releases for upcoming trainings and screenings that were sent out through *AgriLife Today*.

Newspaper	Date Published	Title
Mineral Wells Index	10/1/2014	Regional water well screening dates set for October
Weatherford Democrat	10/2/2014	Residents to have opportunity to test wells
Lake Country Sun	10/2/2014	Well water testing this month
Permianshale.com	10/4/2014	Residents to have opportunity to test wells
Jack County Herald	10/5/2014	County well water testing set for Oct. 20
The Community News	10/22/2014	Well water testing available
Jack County Herald	10/27/2014	Extension hosts water testing

40% 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. Three well screenings were held during this quarter with 269 samples. Well screenings were held in:
 - a. Jack County, October 19–20, 2014 with 75 samples
 - b. Montague County, October 21–22, 2014 with 60 samples
 - c. Parker County, October 22–23, 2014 with 134 samples

60% 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:

- a. No activity to report this quarter.

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.

40% 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

- A budget revision request was submitted to TSSWCB on December 17, 2014.

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.