

**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. 2 From 1/1/2014 through 3/31/2014

I. Abstract

The TWON 2 quarterly coordination meeting was held March 18, 2014, to touch base on the status of scheduling trainings and screenings. Two screenings were held this quarter resulting in 52 samples. The first training under this project was held on March 22 in Bandera County in coordination with the Texas Watershed Stewards. Four more trainings and three screenings have been scheduled for later in 2014.

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 2nd Quarter, Year 1 report to TSSWCB on April 11, 2014.

16% 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 February 2, 2014, \$8,512 or 2% of federal project funds had been expended.

2% 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 March 18, 2014, to discuss the status of deliverables, funds and current scheduling. Action items are included in Appendix A. Meeting participants included: Diane Boellstorff (SCSC), Ryan Gerlich (BAEN), Drew Gholson (SCSC), Danielle Kalisek (TWRI) and Jana Lloyd (TSSWCB).

16% 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 and TWON Coordinator 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 March 5, 2014. The Water Resource Specialist serves as TGPC POE subcommittee co-chair..

10% 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 10,586 visits by 7,278 unique visitors. This quarter there were 1,206 visits made by 976 unique visitors this quarter.
- b. The website continues to be maintained and updated with training dates and locations.

10% 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 has scheduled several trainings and continues to coordinate locations and dates for trainings.

16% 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 began for the new project year using the list of priority locations decided upon at the kickoff meeting last quarter. Three events were scheduled and held this quarter with seven events scheduled so far for the rest of 2014.

5% 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. Two articles were written highlighting the TWON project. One was an overview of the trainings to be published in The Cattleman magazine in May 2014. The other was an article on protecting groundwater resources using information from fact sheets and materials located on the TWON website to be published in the spring issue of txH₂O magazine.

16% 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. Two well screenings were held during this quarter with a record 52 samples. Well screenings were held in:
 - a. Marion County, February 4-5 with 26 samples
 - b. Gregg County, March 9-10 with 26 samples

20% 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:

- b. The first training this project year was held on March 22 in Bandera County in coordination with the Texas Watershed Stewards with 65 participants.

3% 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. No activity to report this quarter.

0% 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. An additional TWON draft publication titled, *What to do about Coliform Bacteria in Well Water*, was developed and provided courtesy review by the TGPC POE. The draft has been approved by the TSSWCB and is at AgriLife Communications for editing and layout..

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 calling contacts to determine availability and locations for trainings.
- SCSC Program Specialist will continue to schedule screenings for suitable locations.
- TWRI will schedule quarterly meeting with program leaders and TSSWCB.
- TWRI will facilitate completion and submission of the TWON quarterly report for next quarter.

APPENDIX A

QUARTERLY COORDINATION MEETING — NOTES

Statewide Delivery of the Texas Well Owners Network

March 18, 2014 @ 9:00am

Attendees – Diane Boellstorff, Ryan Gerlich, Drew Gholson, Jana Lloyd, Danielle Kalisek

Goals/Discussion Topics

- Discuss status of scheduling trainings and screenings

Action Items

- TWRI will coordinate the compilation and submission of quarterly report for January 1, 2014 – March 31, 2014, due to TSSWCB April 11, 2014
- Drew will continue working with the project partners to schedule dates/locations for trainings and screenings. The first training is scheduled for March 22 in Bandera County.