

**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. 1 From 10/1/2013 through 12/31/2013

**I. Abstract**

The contract for this project was fully executed this quarter. The initial TWON 2 Kickoff Meeting was held December 17, 2013, to review the scope of work and deliverables and discuss priority training locations to begin focusing program efforts. Three screenings have already been held under this project resulting in a record 277 samples.

**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 15<sup>th</sup> 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 1<sup>st</sup> Quarter, Year 1 report to TSSWCB on January 15, 2014.

**5% 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 December 17, 2013, \$6,103 or 1% of federal project funds had been expended.

**1% 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 Kickoff Meeting between TWRI, TSSWCB and the project partners was held on December 17, 2013, to discuss deliverables, funds and priority areas. Action items are included in Appendix A. Meeting participants included: Diane Boellstorff (SCSC), Ryan Gerlich (BAEN), Drew Gholson (SCSC), Danielle Kalisek (TWRI), Jana Lloyd (TSSWCB), John Smith (SCSC) and Kevin Wagner (TWRI).
- b. The next meeting is tentatively scheduled for the end of March 2014.

**5% 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 co-led the Texas Groundwater Protection Committee Public Outreach and Education (TGPC POE) Subcommittee quarterly meeting in Austin on December 4, 2013, and presented information about the TWON program and schedule.
- b. The TWON Coordinator presented an oral presentation at the American Society of America annual meeting in Tampa, FL. The presentation was titled *Texas Well Owner Network: Protecting Groundwater Resources and Human Health*.
- c. The TWON Coordinator attended the National Groundwater Association Expo on December 3–5, 2013, in Nashville, TN. The TWON Coordinator also co-led a discussion session during the conference with other universities with well owner programs to share program approaches, challenges and new ideas.

**8% 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 9,293 visits by 6,251 unique visitors. This quarter there were 1,191 visits made by 876 unique visitors this quarter.
- b. The website continues to be maintained and updated with training dates and locations.

**5% 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 is working to coordinate locations and dates for trainings.

**5% 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. A list of priority locations was compiled and discussed at the TWON 2 Kickoff Meeting December 17 between SCSC, TSSWCB, TWRI and BAEN, which included input from other agencies and personnel.

**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 txH<sub>2</sub>O, 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. A brief was published in TWRI's Fall 2013 *txH<sub>2</sub>O* magazine highlighting the success of TWON 1 and announcing the new TWON 2, directing readers to visit the website for more info and locations.

**5% 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 a record 277 samples. Well screenings were held in:
  - a. Hood County, October 28 with 52 samples
  - b. Wise County, October 30 with 127 samples
  - c. Bandera County, November 6 with 98 samples

**10% 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.

**0% 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. No activity to report this quarter.

**0% 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 prioritize watersheds discussed and begin calling contacts to determine availability, interest and further determine locations.
- SCSC Program Specialist will continue to schedule screenings for suitable locations.
- SCSC and TWRI will update the screening press release template
- 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**

### **KICKOFF MEETING — NOTES**

*Statewide Delivery of the Texas Well Owners Network*

**December 17, 2013 @ 9:00am**

*Attendees* – Diane Boellstorff, Ryan Gerlich, Drew Gholson, Jana Lloyd, Danielle Kalisek, John Smith, Kevin Wagner

#### *Goals/Discussion Topics*

- Discuss deliverables, funds and priority areas for the new project

#### *Action Items*

- TWRI will coordinate the compilation and submission of quarterly report for October 1, 2013 – December 31, 2013, due to TSSWCB January 15, 2014
- Drew will work to prioritize the watershed list based on information he receives from talking to the watershed contacts, and he'll work with the project partners to start scheduling dates/locations for trainings and screenings