

**Bacterial Monitoring for the Buck Creek Watershed  
FY 03 CWA 319(h)  
TSSWCB Project No. 03-7**

Quarter no. 16 From 7/01/07 Through 9/30/07.

**I. Abstract**

Data collection and analysis have been completed for this project. Sampling was extended for this project until the second phase of the project can get underway. The final report has been drafted and has been submitted to the TSSWCB for review. Once comments are received on the final report, TWRI will address them and will then publish the finalized report. Copies of the report will be distributed to stakeholders once they are published. This is the last task of the project that remains unfinished at this point. We anticipate that it will be complete during the next quarter and the Bacterial Monitoring for the Buck Creek Watershed project will be completed.

**II. Overall Progress and Results by Task**

**TASK 1: Program Coordination with Project Participants**

*Subtask 1.1: Conduct meetings as appropriate with project participants, landowners, and other interested parties to discuss water quality monitoring activities, project schedule, lines of responsibility, communication needs, and other requirements.*

The following actions have been completed during this reporting period:

- a. A meeting for the Watershed Protection Plan Development Project was held September 11<sup>th</sup> in Wellington and a project update was given on the progress of the Final Report for the project.

**100% Complete**

*Subtask 1.2: TAES will prepare electronic quarterly reports. All progress reports will also be provided to TCE project cooperators and participants, and Hall-Childress, Collingsworth, and Donley SWCD directors.*

The following actions have been completed during this reporting period:

- a. Submitted Year 4, Quarter 4 report to TSSWCB on 10-2-07.

**100% Complete**

*Subtask 1.3: TCE will provide leadership for educational programs about water pollution and project findings.*

The following actions have been completed during this reporting period:

- a. TWRI maintains a project Web site which contains information about the project, the study area, photos, accomplishments, publications and educational outreach material, etc. The web site is updated quarterly or as needed and can be viewed at <http://twri.tamu.edu/buckcreek>

**100% Complete**

*Subtask 1.4: TAES and TCE will develop an electronic final report, which will include an executive summary of data collected during the project and educational program.*

The following actions have been completed during this reporting period:

- a. Data compilation has been completed and all of the data have been incorporated into the final project report.
- b. The final report has been drafted and submitted to TSSWCB for their review. When we receive comments from them they will be addressed and the report will be completed.

**90% Complete**

*Subtask 1.5: TSSWCB, TWRI, RRA and local SWCDs will assist, when needed, with composition, editing, and publication of final report.*

The following actions have been completed during this reporting period:

- a. Once TSSWCB has completed their review of the final report, TWRI will address their comments and will publish the final report.

**90% Complete**

## **TASK 2: Micro-Watershed Monitoring and Sampling**

*Subtask 2.1 Develop DQOs and a QAPP to be approved by USEPA.*

The following actions have been completed during this reporting period:

- a. An amendment to the QAPP was submitted to, and approved by the TSSWCB and EPA to allow for extended sampling until Phase II of the project can be brought online.

**100% Complete**

*Subtask 2.2: Select 12 or 13 sites to conduct water quality sampling. Maintain water quality monitoring equipment and collect water samples.*

**100% Complete**

*Subtask 2.3 TAES will obtain sampling locations and deploy in accordance with arrangements made.*

**100% Complete**

*Subtask 2.4 TAES will perform routine sampling, (grab sampling) at strategic locations within the Buck Creek watershed.*

The following actions have been completed during this reporting period:

- a. Sampling for the project has been completed.

**100% Complete**

*Subtask 2.5 TAES will collect a minimum of 8 rain event/high flow grab samples from the sites over the course of the study.*

The following actions have been completed during this reporting period:

- a. Required rainfall event sampling has been completed.

**100% Complete**

*Subtask 2.6 TAES will compile and analyze the sampling data. Data will be for informational and assessment purposes due to the limited data previously collected.*

The following actions have been completed during this reporting period:

- a. Data collection has ceased. All data will be included in the final report.

**100% Complete**

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

- None

### **IV. Projected Work for Next Quarter**

The following will be accomplished during the coming quarter:

- Comments from TSSWCB on the final report will be addressed during the upcoming quarter.
- After comments have been addressed, the report will be final and will be published.