



Carters Creek Total Maximum Daily Load Implementation

Water Body	Carters Creek (Seg 1209C)
Location:	Brazos County
River Basin	Brazos River Basin
Contractor	Texas Water Resources Institute (TWRI)
Project Period	September 12, 2012 to August 31, 2015
Project Total	\$370,393 (Federal 60% and Local 40%)

Project Description

The goal of this project is to implement a Total Maximum Daily Load (TMDL) Implementation Plan (I-Plan) for the Carters Creek Watershed. The TCEQ began the process for developing the TMDL I-Plan in 2007. Watershed stakeholders identified a need to develop a clearer understanding of the current state of the water bodies through a watershed source survey and a monitoring effort that provides a spatially and temporally robust evaluation of water quality in Carters Creek and its tributaries.

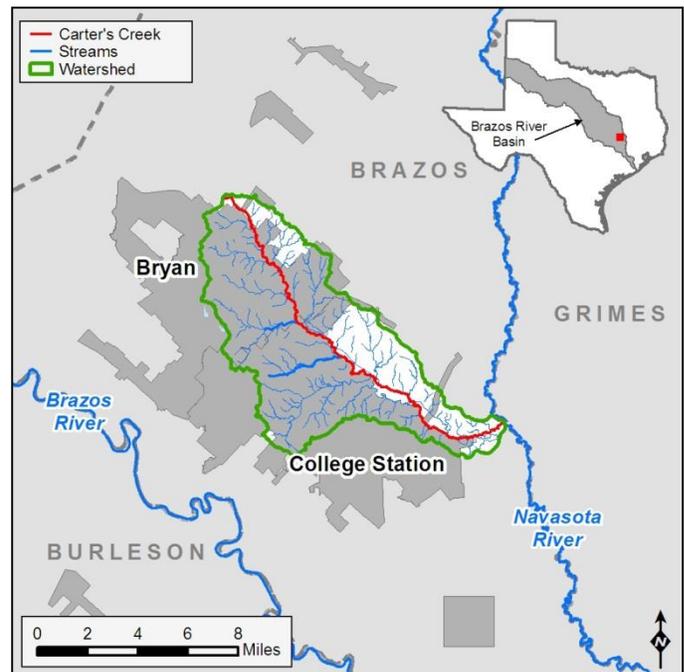
Monitoring is being conducted to evaluate the water quality in order to develop a clearer understanding of the spatial and temporal variability in bacteria (*E.coli*) numbers throughout the watershed, and to establish a clear baseline of current bacteria loads at a sub-watershed scale. The data gathered will help to develop and direct effective best management practice implementation strategies.

In addition, physical information about potential sources of pollution throughout the watershed are being collected to supplement an expanded data collection effort. Much of the water, wastewater, and storm-water infrastructure in the watershed travels near, or crosses, the stream network that makes up the Carters Creek Watershed. Failures in these systems or illegal discharges to local waterways are sources of acute pollutant loading in the watershed. A physical watershed source survey with Global Positioning System technology is being conducted, and the data stored in a Geographic Information System (GIS). The survey will provide much needed information on these systems and other existing influences in the watershed that are not currently known to watershed managers.

Current Status

This project is complete and project reports are available on the project website.

<http://cartersandburton.tamu.edu/reports/>



Public Participation

For information about public meetings regarding the TMDL and I-Plan please visit the [Carters Creek TMDL website](#) or the [project website](#).

For More Information

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TWRI

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Websites

<http://cartersandburton.tamu.edu/>

Project Highlights

- 09/2012 – Contract executed.
- 09/2012 – Post Award Meeting held.
- 10/2012 – QAPP Planning Meeting held.
- 01/2013 – QAPP executed.
- 01/2013 – Volunteer monitoring training held.
- 05/2013 – Stakeholder meeting held.
- 06/2013 – Volunteer monitoring training held.
- 08/2013 – Attended the Annual Carters Creek TMDL I-Plan Update Meeting hosted by the TCEQ TMDL Team.
- 09/2013 – Volunteer monitoring training held.
- 10/2013 – Volunteer monitoring training held.
- 11/2013 – Presentation given at the Texas Riparian and Ecosystem Education Program.
- 01/2014 – Volunteer monitoring training held.
- 02/2014 – Volunteer monitoring training held.
- 05/2014 – Volunteer monitoring training held.
- 05/2014 – Stakeholder meeting held.
- 06/2014 – Data submittal to TCEQ.
- 08/2014 – Stormwater samples collected.
- 10/2014 – Stormwater samples collected.
- 10/2014 – Stormwater sampling complete.
- 10/2014 – Volunteer monitoring training held.
- 02/2015 – Routine water quality monitoring complete.
- 06/2015 – Attended the Annual Carters Creek TMDL I-Plan Update Meeting hosted by the TCEQ TMDL Team.
- 07/2015 – First round of intensive sampling complete.
- 08/2015 – Second round of intensive sampling complete.
- 09/2015 – Data submitted for intensive sampling task.
- 11/2015 – Intensive sampling report approved.
- 01/2016 – Routine and reconnaissance water quality monitoring reports approved.
- 02/2016 – GIS report approved.
- 02/2016 – Stakeholder meeting held.
- 02/2016 – Final report approved.
- 02/2016 – Project closed.