



## Plum Creek Watershed Protection Plan Implementation -Town Branch Urban Trail

<b>Water Body</b>	Town Branch, (1810A)
<b>Location</b>	City of Lockhart, Caldwell County
<b>River Basin</b>	Guadalupe River Basin (18)
<b>Contractor</b>	City of Lockhart
<b>Project Period</b>	September 1, 2017 to August 31, 2020
<b>Project Total</b>	\$235,052 (Federal 60% and Local Match 40%)

### Background

Town Branch (Segment 1810A), located in downtown Lockhart, TX is a small tributary of Plum Creek. The 2014 Texas Integrated Report noted new concerns for bacteria, depressed dissolved oxygen, and nitrate. An urban recreation trail follows it approximately 0.5 miles. A survey of the project area determined that critical sections of Town Branch Creek along Lockhart's Urban Trail are highly sensitive to erosion, sedimentation, and urban nonpoint source pollution due to improperly managed riparian zones. To address these issues The City of Lockhart will implement aspects of the Plum Creek WPP.

### Project Description

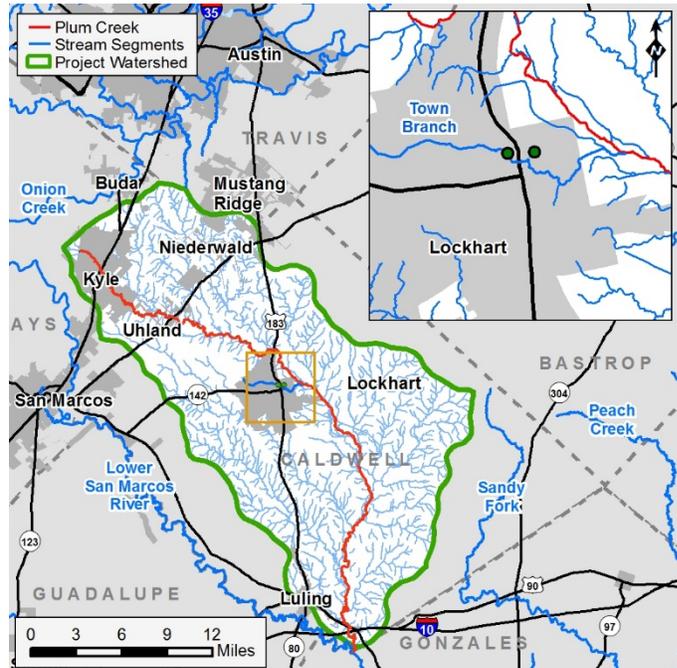
This project provides for four primary tasks that focus on improving water quality in Town Branch:

- 1) Conduct a riparian evaluation of Town Branch to plan and design improved sustainable riparian zones at the creek.
- 2) Construct and urban riparian BMPs to address water quality concerns including bacteria, depressed dissolved oxygen and nitrate
- 3) Construct sustainable LID infrastructure to be used at the parks to reduce constituents of concern in urban stormwater runoff.
- 4) Conduct public outreach activities and education in support of the Plum Creek WPP.

Project activities will utilize a subcontractor and in-kind city resources to conduct analysis, planning, construction, and ongoing maintenance of LID and urban riparian BMPs. This project will address key components of the Plum Creek WPP by improving water quality through analyzing and improving riparian zone conditions along Town Branch Creek.

### Current Status

This project began September 1, 2017.



### Public Participation

The project will provide a series of educational creek tours, events, park signage, residential community bulletin boards, and website updates in order to educate and inform the public about the creek project. There will also be volunteering opportunities available to participate in riparian maintenance.

### For More Information

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#### City of Lockhart Project Manager

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## Project Highlights

- 09/2017 – Held Post Award Meeting.
- 12/2017 – Secured subcontract for the riparian assessment.
- 02/2018 – Submitted a QAPP for the riparian assessment.
- 05/2018 – TCEQ approved the riparian assessment QAPP.