



Plum Creek: LID Demonstration at Caldwell County Justice Center

Water Body	Plum Creek (1810)
Location	Lockhart
River Basin	Guadalupe River (18)
Contractor	Caldwell County
Project Period	November 9, 2015 to November 15, 2018
Project Total	\$370,402 (Federal 60% and Local Match 40%)

Background

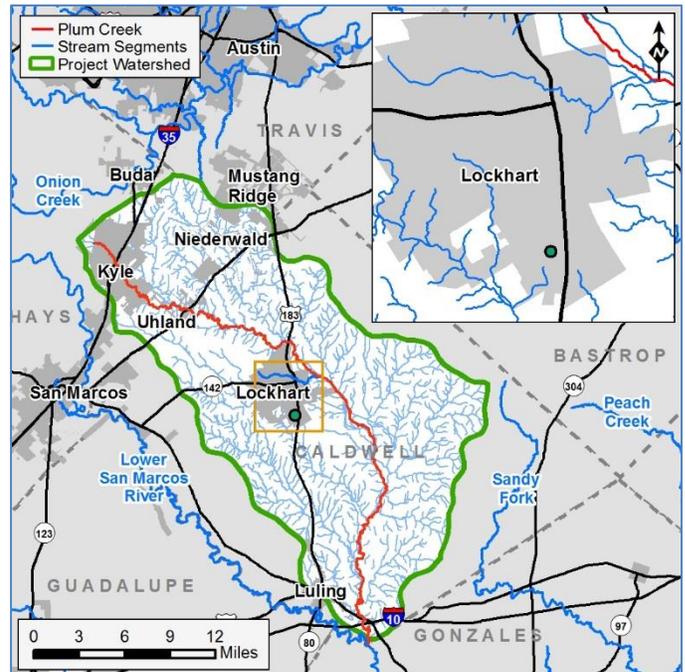
Plum Creek is impaired for elevated bacteria concentrations and exhibits concerns for depressed dissolved oxygen, habitat, nitrate, total phosphorus, and ortho-phosphorus. The portion of Plum Creek which receives runoff from the project area, assessment unit 1810_01, is impaired due to bacteria with concerns for low dissolved oxygen and elevated nitrogen levels. Sources of pollutants identified in the Plum Creek Watershed Protection Plan (WPP) include urban stormwater runoff, pet waste, failing or inadequate septic systems, wastewater treatment facilities, livestock, wildlife, invasive species (feral hogs), and oil and gas production. Low impact development (LID) is an adaptive management strategy of the Plum Creek WPP for reducing urban nonpoint source pollution in runoff and improving water quality in Plum Creek.

Project Description

This project will retrofit LID best management practices (BMPs) into the Caldwell County Justice Center property in Lockhart. The BMPs include cisterns for rainwater harvesting, bioretention through rain gardens, xeriscaping, porous concrete parking spaces, and a retention pond. Caldwell County will estimate the pollutant reductions accomplished by the BMPs. An education campaign including permanent signs at the Justice Center identifying the LID features, a workshop, tours, and a brochure detailing the LID features will also be included at the site.

Current Status

The contract was executed on November 9, 2015.



Public Participation

The Plum Creek Watershed Partnership provides a forum for discussion of the continuing implementation of the Plum Creek WPP, which includes this project.

For More Information

TCEQ Project Manager

Bill Carter
512.239.6771; bill.carter@tceq.texas.gov

Caldwell County Project Manager

County Judge Ken Schawe
512.398.1808; k.schawe@co.caldwell.tx.us

WPP Website: <http://plumcreek.tamu.edu/wpp/>
Partnership Website: <http://plumcreek.tamu.edu/>

Project Highlights

- 11/2015 – Contract executed.
- 11/2015 – Post Award Meeting held.