



Plum Creek WPP Implementation – Illicit Discharge Monitoring

Water Body	Plum Creek (1810)
Location	Hays and Caldwell Counties
River Basin	Guadalupe River
Contractor	Guadalupe-Blanco River Authority (GBRA)
Project Period	September 15, 2014 – November 30, 2016
Project Total	\$41,666 (Federal 60% and Local Match 40%)

Background

In 2004 through 2008 the 303(d) List identified the upper reaches of Plum Creek (Segment 1810) as exceeding the contact recreation standard for *E.coli* and the lower reaches as having concerns for nutrients. The TSSWCB Wharton Regional Watershed Coordination Steering Committee selected the Plum Creek Watershed for development of a watershed protection plan (WPP) in 2005. The WPP was accepted by EPA in 2008 and implementation of management programs in the WPP began in 2009.

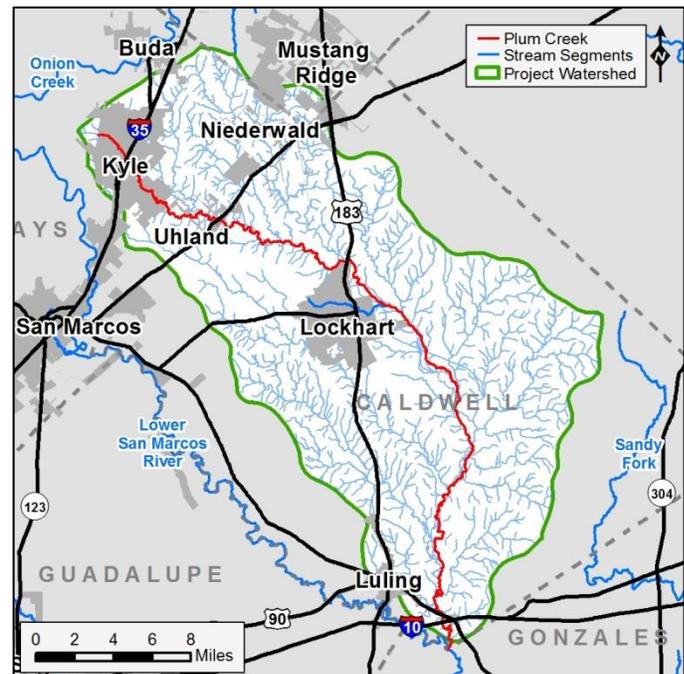
One management program is to implement a plan to detect and address non-stormwater discharges, in order to locate and eliminate illicit discharge sources.

Project Description

GBRA will conduct illicit discharge monitoring of the City of Lockhart's stormwater conveyance system for illicit discharges. The stormwater conveyance system will be monitored under dry weather conditions in order to identify contributions of target pollutants from illicit discharges. If water is present in the conveyance system, water quality samples will be collected and analyzed for the following pollutants of concern in the Plum Creek watershed: *E.coli*; nitrate-nitrogen; ammonia-nitrogen; and total phosphorus. If illicit discharge is identified, the City of Lockhart will be notified for enforcement of the city's drainage ordinance. Subsequent sampling at the locations where illicit discharges were detected will be conducted to verify the reduction or elimination of illicit discharges.

Current Status

Illicit discharge surveys have been completed. No illicit discharges were identified, though four areas of the



stormwater system which retained water were tested for pollutants of concern.

For More Information

TCEQ Project Manager

Kyle Girten
512.239.0425; kyle.girten@tceq.texas.gov

GBRA Project Manager

Michael Urrutia
830.379.5822; murrutia@gbra.org

Project Highlights

- 09/22/2014 – Post Award Meeting and QAPP Planning Meeting held.
- 01/12/2015 – Monitoring QAPP approved.
- 2/1/2016 – Illicit discharge survey complete.
- 8/29/2016 – Final Report received and approved.