

Boggy Creek Between Parkwood and Crestwood Riparian Restoration



INTRODUCTION AND OBJECTIVES

This project is aimed at increasing water quality in Boggy Creek through the improvement of the riparian zone along a portion of its headwaters. The property is a City owned drainage easement that runs 450 feet south from Airport Blvd and encompasses one acre. This property is presently on the Vegetation Control Program and is mowed a minimum of five times a year. Our goal is to maximize canopy cover on this parcel and improve the woody vegetation in the riparian zone as a means of improving water quality. Other benefits of this project will be reduced maintenance frequency and a reduction in the heat uptake of adjacent impervious cover. Removal of established invasive plants will also be a primary goal along with the education of immediate landowners concerning proper vegetation along streams and the ensuing water quality benefits. Irrigation will be connected to a water meter located on Parkwood.

The plants installed might include but are not limited to the following species:

Upper Canopy Trees

Cedar Elm
Live Oak
Chinquapin Oak
Bur Oak
Huisache

Understory Trees

Carolina Buckthorn
Possumhaw Holly
Yaupon Holly
Hop Tree
Mexican Plum
Rusty Blackhaw Viburnum
Redbud
Texas Persimon
Texas Mountain Laurel

Understory Shrubs

American Beautyberry
Coralberry
Fragrant Mimosa
Fragrant Sumac
Spineless Prickly Pear
Lindheimer's Nolina

Perennials

Chile Petin
Texas Gold Columbine
Fall Obedient Plant
Frog Fruit
Texas Lantana
Gregg's Mist Flower
Pigeonberry
Turks Cap
Orange Zexmenia
Horseherb

Grasses

Gulf Coast Muhly
Webberville Sedge
Inland Sea Oats