

The City will design and construct a stormwater treatment facility at the end of North Houston Ave (Site 3) in 2018. The project will involve removal of approximately 2,000 ft² of existing asphalt pavement. The existing asphalt pavement will be replaced with a rain garden or permeable surface that will be designed to infiltrate and treat stormwater runoff prior to entering Landa Lake at the Upper Spring Run. The stormwater treatment facility is expected to prevent approximately 700 lbs/ year of sediment, solids, and associated pollutants from entering Landa Lake.

The City will also design a stormwater treatment project to treat stormwater runoff from the Landa Park Golf Course parking lot (Site 4). The parking lot is heavily utilized and drains directly to the Old Channel. The project will involve replacement of the existing asphalt surface with a permeable parking surface that will infiltrate and filter stormwater runoff prior to entering the Old Channel. The project is expected prevent approximately 170 lbs/ year of sediment, solids, and associated pollutants from entering the Old Channel. Construction of the project will occur in 2019.

319 Non-point source program grant solicitation: The City will utilize a consultant to pursue grant funding to support future water quality projects. Grant funding will be sought through the Texas Commission on Environmental Quality's (TCEQs) non-point source grant program as well as through other potential grant sources.

Stream zone buffer assessment: The City will utilize a consultant to assess existing stream buffer requirements and propose ordinances or other regulatory mechanisms that the City can consider to protect stream zones including the Comal River, Dry Comal Creek, and Bleiders Creek and their tributaries.

Headwaters at the Comal project funding support: New Braunfels Utilities (NBU) will be moving forward with Phase II of the Headwaters at the Comal project (previously known at the Comal Conservation Center) in 2018. The overall project involves restoration of a 16 acre NBU Service Facility located at the confluence of Bleiders Creek and the Upper Spring Run of Landa Lake. Phase II will involve the installation of green stormwater infrastructure including permeable parking areas, permeable pavers and rainwater harvesting systems. The City of New Braunfels will support the project by utilizing EAHCP funds dedicated for task 5.7.6 to help sponsor the installation green stormwater infrastructure (i.e. permeable pavement).