



Public Works Department • 1950 E. Continental Boulevard • 817.748.8638

May 17th, 2019

616 Six Flags Drive, Suite 200
Centerpoint Two
Arlington, TX 76011

RE: NCTCOG Blue-Green-Grey Grant Progress Report for City of Southlake
FY 2019 Water Quality Sampling, BioPod Purchase, Burney Lane Reconstruction

Dear Emily Beckham,

At the end of FY 2018 and beginning of FY 2019, City of Southlake staff installed the OldCastle BioPod and reconstructed Burney Lane in the project area. In FY 2019, the City of Southlake Environmental Services staff conducted stormwater quality sampling within the project area. FY 2019 sampling events occurred on January 2nd and February 6th. In some sample areas, staff found incredibly high levels of fecal coliform ranging from 31,000 to 89,000 cfu. The BioPod has also been sampled and has provided the lowest number of fecal coliform reading yet, at 1036 cfu. Staff have continued to conduct weekly probe monitoring to analyze pH, temperature, total dissolved solids, and other metrics. Photos of the sampling, probe monitoring, and installation are provided below.



We have been probe monitoring the site for 60 weeks now, and have seen a decrease in PH, trash, fecal coliform, and total suspended solids since the BioPod installation. As we wrap up this project, we will be creating an internal dashboard to reflect all trends recorded since this project began.

Sincerely,

Ashley Carlisle
Environmental Coordinator
City of Southlake