



US Army Corps
of Engineers
Charleston District

Project Fact Sheet

PAS - Turkey Creek, Hanahan

Charleston County, SC

P2#: 473242

Congressional Districts: Joe Cunningham (SC-1)

Appropriation:	Phase:	Business Line:
Investigations	NA	Watershed Planning

Authority: Section 22, P.L. 93-251

Location Description: The Turkey Creek watershed is located in the southern coastal plains region of South Carolina within the cities of Hanahan and North Charleston and overlaps in Berkeley and Charleston counties. The Turkey Creek watershed discharges downstream of the Goose Creek Reservoir into Goose Creek, which in turn is tributary to the Cooper River. Turkey Creek has a drainage area of about 4 square miles and consists of combination of channelized, relocated and meandering tidal creeks. The watershed is located in a moderately urbanized area consisting primarily of single family residential dwellings in the lower reaches and mobile homes and commercial establishments in the upper portion of the watershed. Flooding has impacted roughly 50 homes with damages to both structure and contents over the last 3-5 years.

Project Description: The study investigates sources of flooding within the Turkey Creek watershed to determine whether flooding is primarily caused by tide or surface water runoff during rain events. The project delivery team will suggest, at a conceptual level, both structural and/or non-structural solutions to reduce flooding impacts. The City of Hanahan can use this information to determine a plan for addressing flooding concerns and potential future studies.

Current Status: As of 29 April 2020 - A PAS agreement was executed April 20, 2018. A final report was delivered to the City of Hanahan in April 2020.

Sponsor: City of Hanahan

Project Manager (PM):	PM Phone:	PM Email:
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