



US Army Corps
of Engineers
Wilmington District

Knobb's Creek, Pasquotank County, NC (Planning Assistance to States - Investigations)

- **Sponsor: Pasquotank County, NC**
- **Pasquotank County requested planning assistance to conduct a hydrologic and hydraulic analysis of the Knobb's Creek corridor in response to flooding concerns**
- **PAS study began in March 2012 upon execution of the letter of agreement**
- **Study currently scheduled to conclude in July 2013.**



CONGRESSIONAL DISTRICT: NC 1

DATE: 8 April 2013

1. **AUTHORIZATION:** Section 22 of the Water Resources Development Act (WRDA) 1974 (P.L. 93-251), as amended.
2. **LOCATION AND DESCRIPTION:** The project area is located in Pasquotank County in North Carolina.
3. **IMPROVEMENTS DESIRED:** Knobb's Creek borders Elizabeth City in Pasquotank County, NC, and flows into the Pasquotank River. A planning assistance to states (PAS) study is underway initiated to conduct a hydrologic and hydraulic (H&H) analysis of the western branch of Knobb's Creek in response to flooding concerns in that area. The study is intended to result in a better understanding of the creek's H&H characteristics as well as identify contributors and potential alternatives to help reduce repetitive flooding along the western branch corridor.
4. **COST ESTIMATE:** \$70,000 – PAS Study (Federal - \$35,000/non-Federal-\$35,000)
5. **FEDERAL FUNDING ALLOCATION THRU FY 2012:** \$31,000.
6. **FY 2013 ALLOCATION:** \$4,000. Funds are being used to finalize and present report.
7. **FY 2014 OPTIMAL FUNDING:** \$0. No additional funding requirement.

PROJECT INFORMATION - Knobb's Creek, Pasquotank County, NC (PAS - Investigations) -
Continued

7. **COMPLETION DATE:** July 2013.

8. **OTHER INFORMATION:** In large rain events, sections of the western branch of Knobb's Creek overflow into primarily residential developed areas. Pasquotank County and Elizabeth City have been working together to address the problem, but have not yet identified specific causal factors or workable solutions. At the sponsor's request, an initial site visit was conducted by the Corps of Engineers in June 2011 for an initial assessment of these issues. A letter of agreement (LOA) was coordinated with Pasquotank County and was executed in February 2012. Both the State of North Carolina Division of Water Resources and Elizabeth City are assisting Pasquotank County with the non-Federal cost share portion.