



MEMORANDUM

To: Mayor and City Councilors

From: Rich Olson, City Manager
Paul Fredette, Public Utilities Director

Date: September 18, 2013

Re: Presentation – Tiber Creek Storm Water Management

BACKGROUND:

From the fiscal year 2012-2013 budget, the Storm Water Advisory Board allocated \$65,000 of the Storm Water Utility Fund contingency budget to develop a preliminary engineering report and master plan for storm water management improvements in the Tiber Creek drainage area. The Tiber Creek area can generally be defined as the section of the City between Ehringhaus Street and Main Street from Pritchard Street to the waterfront and is in the heart of the City's business district.

The study of the Tiber Creek basin and the consideration of proposed improvements to the infrastructure and storm water management plan are important to the City because the downstream end of the basin just prior to discharge into the Pasquotank River is in an area of the City that offers the greatest potential for upscale development in our downtown area.

The development of a plan for improvements to the Tiber Creek Basin will also highlight the need for policy decisions regarding storm water management in the City. These policy decisions will establish a baseline for the enforcement of regulations compliant with our recently issued NPDES Stormwater Permit.

The Tiber Creek study identifies some of the challenges that the City will have making improvements to the storm water conveyances downtown. From the pump station on Water Street up to Road Street (approximately 1500 feet) is the largest diameter drainage pipe in the City. It is old, there is more than three feet of siltation in the bottom of the pipe and there is very limited access to the pipe. This drainage pipe generally is under the section of downtown that is subjected to the most and deepest flooding in recent years.

Mr. Pat McDowell has been involved with storm water and drainage issues with the City for many years; and he has prepared the draft report of the storm water issues in Tiber Creek. He will be presenting his draft report for your comments and input during the City Council Work Session on Monday September 23, 2013.