

Stormwater Management Program

MISSION STATEMENT

The Town of Nags Head believes that good environmental stewardship includes providing a safe and healthful place for residents, visitors and workers to live, work and play. The Town also believes that this can be done in an environmentally sensitive manner. The mission of the Stormwater Management Program is to enhance the collection and transport of stormwater through publicly owned infrastructure and, where feasible, implement treatment prior to discharging this stormwater to receiving waters.



Elements of the program include maintenance and repair of existing facilities, construction of new facilities where warranted, public education and stormwater studies. These studies would include, but not be limited to, quantity determinations and water quality analyses during various times of the year. The functions of the program are carried out utilizing Town personnel and equipment, contractors when necessary, engineering and scientific consultants, and by working with other local governments and appropriate State agencies.

STORMWATER UTILITY FEE

The Town of Nags Head currently collects a stormwater utility fee through the water bills of all town water customers. These funds generated by the fee are used to support programs and infrastructure to mitigate localized flooding and enhance water quality within the town. In 2015, the Town increased the fee from \$2 to \$4 per month based on the projected cost of stormwater projects anticipated to be completed in the next ten years.



Finding solutions to reduce water pollution



EXISTING DRAINAGE INVENTORY

The existing stormwater drainage system for the Town relies heavily on five (5) ocean outfalls maintained by the North Carolina Department of Transportation (NCDOT). Four of the outfalls are located within Town limits and the fifth is located immediately south of the Town boundary. The outfalls were originally constructed to provide drainage for ocean overwash events when the storm surge from the ocean overtopped the dunes. In addition (12) outfalls exist along the western portion of the Town draining either to the Roanoke Sound or to the marsh areas west of South Nags Head. Approximately 55 miles of drainage ditches, pipes, swales and structures exist within the Town limits, 20 miles of which is contained within the NCDOT rights-of-way.

CAPITAL IMPROVEMENT PLAN

Master planning is a proactive response to stormwater management for the Town through infrastructure improvements, maintenance, and ordinance revisions, and stakeholder involvement can significantly improve its level of service for managing stormwater. The Capital Improvement Plan includes specific infrastructure improvements throughout the Town to reduce flooding and improve water quality. The most recent Town of Nags Head Stormwater Management Plan update was prepared by W.K. Dickson and completed in 2006. This document included a 10-year prioritization list which is reviewed and reprioritized annually based on recent flood events, regulatory updates, funding opportunities, etc.



Town Drainage Inventory Map

STORMWATER WORKING GROUP

Commissioner Marvin Demers has been charged to work with Nags Head citizens and staff to develop a strategic plan related to stormwater management. This effort focuses on three main objectives:

1. Establish an affordable long range action plan for progressively improving the Town's stormwater drainage infrastructure
2. Commit Town resources toward execution of the plan
3. Maintain Town-wide visibility of the plan's progress and effectiveness.

If you would like more information, please contact Commissioner Demers at marvin.demers@nagsheadnc.gov. You may also contact Town Engineer, David Ryan, at david.ryan@nagsheadnc.gov or at 252-441-6221.

