

Town of Morehead City
Utilities Department
Sewage Collection and Wastewater Treatment Report
For 2015

On July 21, 1999, North Carolina Governor James Hunt signed a law that placed new reporting requirements on the owners or operators of wastewater treatment and wastewater collection facilities in North Carolina. Part of this new legislation is a requirement to provide the users or customers of the system with an annual report of the past year's performance including a summary of wastewater spills.

The purpose of these reports is to provide an understandable and informative description of the wastewater treatment facility and collection system, describe the regulations with which these facilities must comply, and promote a general awareness of these facilities and their role in protecting the environment.

INTRODUCTION

The Town of Morehead City operates one wastewater treatment plant and a sewage collection system that collects and transports the sewage to the wastewater treatment plant. The names and permit information for these facilities are listed below as well as those professionals designated by the State of North Carolina as Operator in Responsible Charge (ORC).

Morehead City Wastewater Treatment Plant

1000 Treatment Plant Road
Morehead City, NC
Phone (252) 726-6237
NDPES Permit # NC0026611
Operator in Responsible Charge (ORC) – Carl Dangerfield

Sewage Collection System

2506 Ferabee Street
Morehead City, NC
Phone (252) 726-6848
Collection System Permit # WQCS00100
Operator in Responsible Charge (ORC) – Derek Williams

This report is being provided to meet the requirements of North Carolina Law (HB 1160). Copies will be available at the Municipal office building (Town Hall) at 706 Arendell Street and will be published on the Town of Morehead City website www.moreheadcitync.org.

Customers will also be notified of the availability of this report by ads in the Carteret County News Times.

The Town of Morehead City operates a 2.5 million gallons per day (MGD) Reuse Quality Tertiary Wastewater Treatment Plant. Wastewater treatment consists of bar screens, aerated grit removal, oxidation ditch biological treatment, secondary clarifiers, tertiary filters, post aeration and ultraviolet light disinfection. The biosolids produced at the plant are treated in a biosolids treatment system to Class B and Class A standards. During 2015 Morehead City's wastewater treatment plant treated approximately 525 million gallons of wastewater. The Town of Morehead City experienced one discharge of approximately 150,000 gallons of partially treated wastewater from the Town's Waste Water Treatment Plant located at 1000 Treatment Plant Rd in 2015. The discharge occurred on October 2, 2015 from 10:30 AM until 11:45 AM. The partially treated wastewater entered Calico Creek of the White Oak River Basin. The discharge of wastewater occurred due to excessive rainfall and flooding conditions that hydraulically overloaded the Waste Water Plant.

The Town also maintains over 80 miles of sewer lines throughout the Town, with sizes ranging from 8" to 20" in diameter. During 2015 the Town cleaned and video inspected approximately 43,000 feet of sewer line respectfully. There was one reportable spill of the Town of Morehead's Sewer Collection System in 2015 that resulted in an overflow of untreated sewage from a broken line at the corner of South 9th and Shepard Street. The overflow was reported at approximately 6:30 PM on Wednesday December 30, 2015 and was contained within 1 hour. The volume of the overflow was estimated to be between 7,000 gallons and 10,000 gallons. The untreated sewage flowed into a storm drain which empties in the Bogue Sound.

Most sewer main blockages and resulting overflows of raw sewage are a result of grease being discharged into the Towns sewer collection system. The Town continues to monitor and inspect restaurants that are required to have and maintain grease traps, as well as encouraging customers to dispose of grease with their household solid waste and not down the drain.

Customers can assist the Town in the operation of the sewer collection system by:

- Making sure rain gutters are not tied into the sewer collection system.
- Contacting the Town when sewer piping is broken and allowing rainwater into the sewer collection system.
- Disposing of grease and oil from cooking with their household solid waste and not pouring it down the drain.

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users or customers of the Town of Morehead City and that those customers have been notified of its availability.

David Whitlow
Morehead City Manager