

2012 ANNUAL REPORT

TOWN OF WINTERVILLE COLLECTION SYSTEM

PERMIT: WQCS00117

The Town of Winterville operates a wastewater collection system under permit WQCS00117, issued by the ENVIRONMENTAL MANAGEMENT COMMISSION, N.C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, as issued on June 21, 2005. This system consists of approximately 47.54 miles of gravity sewer, approximately 13.2 miles of force mains, 23 duplex pump stations, and all the associated piping, valves, and appurtenances necessary to operate a wastewater collection system for the Town of Winterville.

During the year 2012, this collection system was operated in compliance with all regulations applied to it by NCDENR. This system had no SSO's (Sanitary Sewer Overflows), meaning that no wastewaters escaped from the system. Our 23 pump stations are visited and inspected every day to ensure that they are operating correctly. Each of the 23 pumping stations are equipped with two pumps that alternate in operation and have a backup generator / by-pass pumps to operator the lift stations in case of a power failure.

Wastewater collected by this system is pumped to CMSD via a fourteen inch diameter force main, where it is treated prior to discharge into Contentnea Creek.

Over the past five years the Winterville's collection system has undergone multiple projects aimed at reducing the amount of ground water infiltrating into the system. These projects consist of replacing 3,400 feet of gravity main and manholes going to CMSD's facility on Reedy Branch Rd., annual inspection and epoxy coating manholes throughout the collection system that are found to be leaking, and renovation of 5 of the 23 duplex pumping stations. To help reduce the grease build up in the town's system we are cleaning the each pump station once a quarter and 10 percent of the gravity sewer mains per year. Starting this year we will be working with our engineer firm to complete and extensive study of the entire sewer collection system in order to continue to reduce ground water infiltration and risk of over flow.

Should you have any questions, please contact Public Works Department, by mail at P.O.Box 1459, Winterville, N.C. 28590; by telephone at 252.215.2427; or visit us at www.wintervillenc.com