

Town of Holly Springs Public Utilities Department Annual Wastewater System Performance Report

The Town of Holly Springs' Public Utilities Department is pleased to present the Annual Wastewater Quality Report. This report covers the calendar year July 1, 2013 to June 30, 2014. The report summarizes the performance of the treatment plant and identifies the extent to which any terms of its permit, federal laws, state laws, regulations or rules related to the protection of water quality have been violated.

In accordance with House Bill 1160 of the Clean Water Act of 1999, the owner and/or operator of any wastewater treatment works or wastewater collection system that treats or collects primarily domestic or municipal wastes must provide an annual report that summarizes the treatment works or collection system performance over a 12 month period to its users or customers and to the North Carolina Department of Environment and Natural Resources.

The following are definitions of key words used throughout this report provided to help you better understand the performance report:

WRF- Water Reclamation Facility, a facility for the treatment of wastewaters.

Effluent- Partially or completely treated wastewater or other liquid, flowing from a reservoir, basin, treatment process or treatment plant.

ORC – Operator in Responsible Charge

MG - Million gallons

MGD - Million gallons per day

Town of Holly Springs Utley Creek Water Reclamation Facility, Permit # NC0063096 Terry R. Foster, Operator in Responsible Charge

The Town of Holly Springs is permitted to operate a 2.4 MGD water reclamation facility. The facility is designed with a treatment capacity of 6 MGD and is manned 24 hours a day. The treatment process utilizes the activated sludge process that also performs biological nutrient removal of phosphorus and nitrogen. The Holly Springs Water Reclamation Facility (WRF) discharges into Utley Creek which is in the Cape Fear River Basin. The WRF treated 641 MG of raw wastewater and discharged 621 MG treated effluent to Utley Creek. The Town was also able to reclaim over 20 MG for non-potable use.

During the calendar year July 1, 2013 to June 30, 2014 the facility was compliant for eleven months with one month non-compliant. The facility also had one overflow incident. The plant was non-compliant for BOD on the week of September 9th-13th. The non-compliance was a

direct result of a manufacture's defect in the automated sampler tubing. Once the sampler tubing was replaced the BOD resumed compliance. Utley Creek was not impacted by this compliance issue. The overflow happened on March 1st due to a final filter malfunction with the strainer. During the overflow 300 gallons of partially treated effluent reached Utley Creek. There were no environmental impacts to the stream during this event. The filter was taking offline and the part was replaced.

If you would like information concerning the Town's wastewater treatment systems please contact the staff of the Public Utilities Department (see information below). This report will not be mailed. A copy of this report can be obtained by visiting the Town Hall at 128 South Main Street between the hours of 8:00 a.m. – 5:00 p.m., Monday through Friday, or you can review the report online at www.hollyspringsnc.us

Respectfully,

A handwritten signature in black ink, appearing to read "Terry R. Foster". The signature is fluid and cursive, with a large initial "T" and "R".

Terry R. Foster
Town of Holly Springs
O.R.C.; Chief Operator
(919) 567-4738