

February 2, 2007

Performance Annual Report

I. General Information

Facility/System Name: Town of Spring Lake Regional Wastewater Treatment Plant

Responsible Entity: Town of Spring Lake

Person in Charge/Contact: Daniel B. Gerald (910) 497-5748

Applicable Permits: Wastewater Discharge Permit Number NC0030970 expires May 31, 2011
Land Application of Bio-Solids Permit Number WQ0001086 expires January 31, 2011

Description of Treatment Process:

The Town of Spring Lake Regional Wastewater Treatment Plant is a Dual Train, Extended Aeration Plant with Secondary Clarification for the separation of liquids and solids, Post Aeration, Chlorination and De-Chlorination. Aerobic Digestion has been supplemented with Lime Stabilization to ensure that the treated Bio-solids produced after plant processing, meet EPA and NCDWQ regulations prior to disposal by land application. A monthly report of plant performance as determined by Laboratory analysis is submitted to the NCDWQ and an annual Bio-solids application report and Laboratory analysis is submitted to the EPA and NCDWQ Non-Discharge Branch. The plant is also responsible for two lift stations in the town's collection system. No reportable discharges were experienced by the Cedar Creek or Hinkle Lift Station lift station.

II. Performance

Text Summary of System Performance for Calendar Year 2006.

The Town of Spring Lake Wastewater Treatment processed for discharge into the Lower Little River 295,407,000 gallons of wastewater during the calendar year 2006. While producing the treated effluent for disposal the plant produced for Land Application 101.0 dry tons of Bio-solids. The plant flow ranged from a low flow on January 1st of 300,000 gallons per day to a high flow on November 22nd of 2,628,000 gallons per day.

A by month accounting of the system for CY 2006 follows:

January - 23,963,000 gallons of treated effluent discharged, No permit violations noted.

February - 21,700,000 gallons of treated effluent discharged, No permit violations noted.
March - 22,692,000 gallons of treated effluent discharged, No permit violations noted.
April - 22,630,000 gallons of treated effluent discharged, No permit violations noted.
May - 24,273,000 gallons of treated effluent discharged, No permit violations noted
June - 32,302,000 gallons of treated effluent discharged, See Attachment
July - 26,071,000 gallons of treated effluent discharged, No permit violations noted.
August - 23,033,000 gallons of treated effluent discharged, No permit violations noted.
September - 24,180,000 gallons of treated effluent discharged, No permit violations noted.
October - 22,041,000 gallons of treated effluent discharged, No permit violations noted.
November - 30,960,000 gallons of treated effluent discharged, See Attachment.
December - 29,308,020 gallons of treated effluent discharged, No permit violations noted

During CY 2006, the plant processed 302,883,000 gallons of wastewater and returned it to the surface waters of the state of North Carolina via its permitted discharge point into the Lower Little River. The Collection system had a total of (4) four reportable (SSO) Sanitary Sewer Overflows, which occurred during the CY 2006. The dates of the SSO are as follows:

04/13/06 500 gallons
 06/18/06 400 gallons
 07/11/06 400 gallons
 08/23/06 500 gallons

The Town's Wastewater Treatment facility entered into a Special Order of Consent during the month of October 2004. The Special Order of Consent (SOC) caused the Town to evaluate its Collection system and its treatment facility. The Treatment plant has a newly constructed clarifier that went online in July of 2005. The Collection system is currently in the process of being upgraded to eliminate (I/I) Inflow/Infiltration problems, which have plagued the Town. In October of 2006 the town requested that Spring Lake Regional Wastewater Treatment facility be taken off of the SOC status because of the recent plant upgrades concerning the clarification process. In November of 2006, the Spring Lake Wastewater Treatment Facility was taken off of SOC status by the North Carolina Division of Water Quality.

III. Notification

A copy of this correspondence was placed on the Town of Spring Lakes web site.

IV. Certification

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 named system and that those users have been notified of its availability.

Daniel B. Gerald
 Water Resources Director
 Town of Spring Lake, NC

Date

Attachment

Violation Date – June 2006 Monthly Violation for CL2

Violation Date – November 2006 weekly Violation for TSS