

January 7, 2009

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.

II. Performance

Text Summary of System Performance for Calendar Year 2008:

The Town of Spring Lake Wastewater Treatment processed for discharge into the Lower Little River 316,568,000 gallons of wastewater during the calendar year 2008. While producing the treated effluent for disposal the plant produced for Land Application 42.9 dry tons of Bio-solids (an additional 40 dry tons of Bio-solids were hauled off-site by private contractor). The plant flow ranged from a low flow on April 27th 563,000 of gallons per day to a high flow on September 6th of 3,074,000 gallons per day.

A by month accounting of the system for CY 2008 follows:

| | |
|-------------------|---|
| <i>January</i> - | 22,828, 000 gallons of treated effluent discharged, No permit violations noted. |
| <i>February</i> - | 22,452,000 gallons of treated effluent discharged, No permit violations noted. |
| <i>March</i> - | 26,777,000 gallons of treated effluent discharged, No permit violations noted. |

April - 27,043,000 gallons of treated effluent discharged, No permit violations noted.
May - 24,014,000 gallons of treated effluent discharged, No permit violations noted
June - 23,237,000 gallons of treated effluent discharged, No permit violations noted.
July - 24,113,000 gallons of treated effluent discharged, No permit violations noted.
August - 24,624,000 gallons of treated effluent discharged, No permit violations noted.
September - 36,254,000 gallons of treated effluent discharged, No permit violations noted.
October - 26,876,000 gallons of treated effluent discharged, No permit violations noted.
November - 27,335,000 gallons of treated effluent discharged, No permit violations noted.
December - 31,015,000 gallons of treated effluent discharged, No permit violations noted

During CY 2008, the plant processed 316,568,000 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 (1) one reportable (SSO) Sanitary Sewer Overflows, which occurred during the CY 2008. The date of the SSO is as follows:

5/5/2008 – 1,000 gallons

The Town of Spring Lake has received funding to study a “Water Reuse” program to help with water conservation. The Spring Lake Regional Wastewater Treatment Facility did not have any violations to its NPDES permit.

III. Notification

A copy of this correspondence was placed on the Town of Spring Lake’s 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