

Town of Granite Falls Wastewater Treatment Plant Performance Annual Report

As Required By House Bill 1160 Clean Water act of 1999
For Fiscal Year 2004-2005

1. General Information

Facility/System Name: Granite Falls Wastewater Treatment Plant
Responsible Entity: Town of Granite Falls
Mailing Address: Post Office Drawer 10 Granite Falls, N.C. 28630-0010
Phone Number: (828) 396-3131 Fax: (828) 396-3133
Facility Location: 60 Meandering Way Granite Falls, N.C. 28630
Person in Charge/Contact : M. Shuford Wise
Phone Number: (828) 396-7111 Fax: (828) 396-8526
Email: gfwwr@earthlink.net
Applicable Permits(s): NPDES Permit Number NC0021890 Land Application Permit Number WQ001618
Reporting Period: Fiscal Year 2004 -2005

Description of Treatment Process:

Secondary biological process utilizing Activated Sludge Treatment consisting of grit removal, screening, aerated oxidation ditches, secondary clarifiers, chlorination, dechlorination, and aerobic digesting of waste solids which are lime stabilized for vector and pathogen reduction and applied as class B biosolids.

II. Performance

Summary for fiscal year 2004-2005

Amount Wastewater Treated: 161,129,000 Gallons Amount of Class B Bio-Solids Applied To Farm Land: 455,000 Gallons
Violations: (1) minor
Performance Efficiency: Overall Treatment Plant Efficiency 96%
Rated Efficiency of Treatment Plant (Design) 87%
Average BOD: 6.66 mg/l Permit Limit: 30mg/l
Average TSS: 10.0 mg/l Permit Limit: 30mg/l
Average NH-3: 3.81 mg/l Permit Limit 6.0mg/l
Average Total Nitrogen: 11.0mg/l Permit Limit NA
Average Total Phosphorus: 0.91mg/l Permit Limit NA

III. Notification

This report will be available as public information at the Town of Granite Falls Administrative Offices 30 Park Square Granite Falls, N.C. 28630. This report will be published in a local newspaper (Lenoir News Topic) during the month of September 2005.

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 Town of Granite Falls service area and that those users have been notified of the availability of this report.

August 24, 2005

Date

M. Shuford Wise
Water Resources Director
Town of Granite Falls

