

**2008-2009 ANNUAL PERFORMANCE REPORT  
NORTHEAST BRUNSWICK REGIONAL WASTEWATER TREATMENT PLANT  
NPDES #NC0086819**

**GENERAL INFORMATION:**

Northeast Brunswick Regional WWTP (NEBRWWTP)  
NPDES NO. NC0086819  
COUNTY OF BRUNSWICK, PUBLIC UTILITIES DEPARTMENT  
MIKE PAINTER, OPERATOR IN RESPONSIBLE CHARGE

**I. DESCRIPTION OF TREATMENT PROCESS:**

Plant is capable of treating 1.65 MGD (Million Gallons per Day) of wastewater. The plant treats both domestic and industrial wastewater. The plant was placed on-line July 2003 and is treating on average approximately 1.037 MGD. The plant has a conjunctive use discharge to either the Cape Fear River or proposed spray irrigation to Magnolia Greens Golf Course.

The Month with the Highest Flow Avg. was Mar 09: Avg. Daily Flow was 1.12 MGD  
The Month with the Lowest Flow Avg. was July 08: Avg. Daily Flow was .913 MGD

**II. TREATMENT PLANT PERFORMANCE:**

The NEBRWWTP treated approximately 377,016,270 gallons from July 2008 through June 2009. This was an increase of approximately 54 million gallons from the previous reporting period. The plant is treating approximately 63% of its permitted capacity. This was an increase of approximately 9% of permitted flow from the previous reporting period. The facility is currently under permitting to construct an additional .825 MGD of treatment capacity that will increase the facilities total flow to 2.475 MGD. The facility serves the North Brunswick Sanitary District, Town of Leland, Town of Navassa, and upon completion of their collection systems the Town of Northwest and Sandy Creek.

The following serves as a report of plant performance from July 2008 through June 2009:

**Month-By-Month Description of Permit Violations:**

Oct 08 - Monthly BOD, NH3 & Enterococci  
Nov 08 - Monthly NH3  
Feb 09 - Monthly BOD, NH3  
Mar 09 - Monthly NH3

**III. NOTIFICATION:**

This report will be posted on the County's Web site at [www.brunswickcountync.gov](http://www.brunswickcountync.gov) under Utilities and published in *The Brunswick Beacon* and *The State Port Pilot*.

**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.

Donald Dixon  
Wastewater Superintendent  
County of Brunswick  
Public Utilities Department  
July 29, 2009