

# Brunswick Regional



## Water and Sewer

---

2013-2014 ANNUAL PERFORMANCE REPORT

BELVILLE WASTEWATER TREATMENT PLANT

NPDES PERMIT#NC0075540

### GENERAL INFORMATION:

Belville Wastewater Treatment Plant (WWTP) Permit number: NC0075540

Permit holder: Brunswick Regional Water and Sewer.

Wastewater Superintendent and Operator in Responsible Charge: Brian S. Griffith

I. Description of Treatment Process; the plant is an extended aeration package plant, it is permitted to flow .4 million gallons per day. The plant is located at 9911 Chappell loop road and treats waste from the town of Belville as well as outlying subdivisions on highway 133 and highway 17 corridors. The facility discharges into the Brunswick River off of highway 133.

II. Treatment Process/Performance; The Belville WWTP treated approximately 101.87 million gallons from MAY of 2013 to MAY of 2014. The facility's average daily flow from MAY, 2013 to MAY, 2014 was .2576 million gallons per day. The monthly average flow thru the facility was 7.84 million gallons. The plant treated approximately 64.4% of its designed and permitted flow. The plant also has an influent transfer pump that discharges to Brunswick County's Northeast Treatment Plant. From MAY, of 2013 to MAY of 2014 a total of approximately 111.94 million gallons was sent to the county's plant from the Belville plant, the daily average was approximately .2825 million gallons. Brunswick regional water and sewer has completed construction of a new wastewater treatment plant, which went into operations August 2013. Since the new plant has gone operational the amount of wastewater treated has increased by nearly 100%. The new plant is also equipped with a safer means of UV disinfection versus dangerous chlorine gas. The odor has also been greatly reduced we have had zero odor complaints in the last year.

## No permit violations

III. Notification: This report will be published in the local newspaper.

IV. 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 North Brunswick Sanitary District and those users have been notified of its availability

Handwritten signature of Brian Griffith in black ink, written over a horizontal line.

Brian Griffith (ORC WWTP)

Handwritten signature of Bob Walker in black ink, written over a horizontal line.

Bob Walker (Director of Operations)