

**Brunswick Regional**  
**H<sub>2</sub>O**  
**Water and Sewer**

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**2020 ANNUAL PERFORMANCE REPORT**

**BELVILLE WASTEWATER TREATMENT PLANT**

**NPDES PERMIT #NC0075540**

**General Information:**

**Belville Wastewater Treatment Plant (WWTP) Permit number: NC0075540**

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

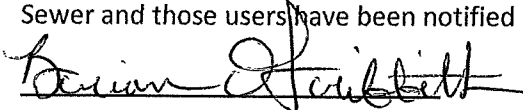
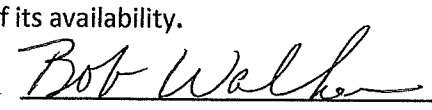
- i. **Description of Treatment Process;** the plant is an extended aeration plant, permitted to treat flows of a monthly average of .4 million gallons per day. The WWTP is located at 9911 Chappell loop Rd. and treats wastewater from the Town of Belville as well as outlying subdivisions on highway 133 and highway 17 corridors. The WWTP discharges its treated effluent to the Brunswick River off highway 133.
- ii. **Treatment process/Performance.** The Belville WWTP Treated approximately 148.97 million gallons from January 2020- December 2020, the facility's monthly average was 12.41 million gallons per month, the facility's average daily flow during this time was .4081 million gallons per day. The WWTP treated approximately 102.02% of its designed and permitted flow. The plant also has influent transfer pumps that discharge excess flow to Brunswick County's Northeast Treatment Plant. From January 2020- December 2020 a total of approximately 131.07 million gallons was diverted to the county's plant from the Belville plant, the daily average was approximately .3591 million gallons a day.

**Permit Violations**

**November 2020** Belville WWTP received a violation for flow. The permitted flow of .4 MGD was exceeded, the plant treated .4363 MGD, 9.1% above the permitted flow. All other permit limits were maintained throughout the increased flows.

iii. **Notification:** This report will be made available to the public on the company's website H2GOonline.com.

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 will be made available to the users or customers of Brunswick Regional Water and Sewer and those users have been notified of its availability.

**Brian Griffith (ORC WWTP)**

**Bob Walker (Director of Operations)**