**ANNUAL PERFORMANCE REPORT**

**2018**

1. GENERAL INFORMATION

FACILITY/SYSTEM NAME: ST PAULS WASTE WATER TREATMENT

PLANT/COLLECTIONS

RESPONSIBLE PARTY: THE TOWN OF ST PAULS

ORC WWTP: TIMOTHY LYDE 910-865-5164

APPLICABLE PERMITS: NC0020095, WQCS00187

DESCRIPTION OF TREAMENT PLANT/COLLECTION SYSTEM

WWTP HAS A PERMIT FOR .5 MGD WHICH CONSISTS OF A MECHANICAL BAR SCREEN ,GRIT REMOVER, OXIDATION DITCH, AND TWO SECONDARY CLARIFIERS, AERATED SLUDGE DIGESTER, SLUDGE DRYING BEDS AND A CHLORINE CONTACT CHAMBER WITH DECHLORINATION AND POST AERATION. THIS FACILITY IS LOCATED AT 601 S. ELIZABETH ST. ST PAULS, NC 28384. THE DISCHARGE FROM THE WWTP GOES TO THE BIG MARSH SWAMP, CLASSIFIED AS C SWAMP WATERS IN THE LUMBER RIVER BASIN. THE WASTE WATER COLLECTION SYSTEM, CONSIST OF ABOUT 17 MILES OF GRAVITY FLOW SEWER MAINS AND 6 MILES OF FORCE MAINS. WE HAVE AT THIS TIME 12 LIFT STATIONS THAT PUMP SEWER WATER TO WWTP.

1. PERFORMANCE 2018 CALENDAR YEAR

SSO’s=3

BYPASSES=2

NOV’s=

ALL OF THE SSO’S HAPPENED DURING HURRICANE FLORENCE DUE TO THE RAIN THAT CAME WITH IT. EVERY THING WAS CLEANED UP AND LIME PUT OUT. THE BYPASSES WERE ALSO THE RESULTS OF HURRICANE FLORENCE AND A VERY STRONG THUNDER STORM, WHICH WAS ALSO CLEANED UP. THE FLOW HAS BEEN HIGH SINCE HURRICANE FLORENCE AND HASN’T GONE DOWN BELOW MONTHLY AVERAGE. WE HAD HIGH MERCURY LIMITS FOR JANUARY, OCTOBER, NOVEMBER, AND DECEMBER. WE HAVE BEEN INVESTIGATING BY PULLING SAMPLES AT CERTAIN MANHOLES AND CLEAN OUTS TO DETERMINE WHERE AND WHO HAS BEEN PUTTING IN DRAINS. WE HAD HIGH BODs IN THE MONTH OF JULY, AND AUGUST WHICH WE THINK WE FOUND AND REPAIRED THE PROBLEM. WE HAD A E-COLI IN THE MONTH OF SEPTEMBER. WE NEVER DID FOUND OUT WHAT CAUSED THIS, PULLED ANOTHER SAMPLE AND IT WAS FINE. WE ARE WORKING ON GETTING FLOWS DOWN BY REPLACING/RELINING SEWER LINES.

1. PUBLIC NOTICE HAS BEEN PUT IN THE NEWS PAPER INFORMING THE PUBLIC THAT A COPY OF THIS REPORT, CAN BE OBTAINED AT ST. PAULS TOWN HALL, IT HAS ALSO BEEN PUT ON THE TOWN WEB SITE [WWW.STPAULSNC.GOV](http://WWW.STPAULSNC.GOV).
2. I CERTIFY UNDER PENALTY OF THE 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 PUBLIC OF THE NAMED SYSTEM.

TIMOTHY LYDE, ORC

TOWN OF ST PAULS 2/12/2019