

## ANNUAL PERFORMANCE REPORT

2024

### 1. GENERAL INFORMATION

FACILITY/SYSTEM NAME: ST. PAULS WASTEWATER TREATMENT PLANT/COLLECTIONS  
RESPONSIBLE PARTY: THE TOWN OF ST. PAULS  
ORCWTP/COLLECTIONS: TIM LYDE 910-865-5164  
PERMIT NUMBERS: NC0020095, WQCS00187  
DESCRIPTION OF WWTP, COLLECTION SYSTEM

WWTP HAS A PERMIT FOR .5 MGD THAT CONSIST OF A MECHANICAL BAR SCREEN AND GRIT REMOVER, OXIDATION DITCH, 2 SECONDARY CLARIFIERS, AERATED SLUDGE DIGESTER, SLUDGE DRYING BEDS AND CHLORINE CONTACT BASIN WITH DE'CHLORINATION AND POST AERATION. THIS FACILITY IS LOCATED AT 601 S. ELIZABETH ST., ST. PAULS, NC 28384. THE DISCHARGE FROM THIS FACILITY GOES TO THE BIG MARSH SWAMP, CLASSIFIED AS C SWAMP WATERS IN THE LUMBER RIVER BASIN. THE WASTEWATER COLLECTION SYSTEM, CONSIST OF 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 DIFFERENT LOCATIONS THROUGHOUT THE SYSTEM.

### 2. PERFORMANCE: 2024 CALENDER YEAR

SSOs = 5  
BYPASSES  
NOVs= 2

WE HAD 5 SSOs THIS YEAR, ONE IN THE PLANT AND THE OTHER 4 OUT IN THE SYSTEM. THEY ALL HAPPENED DURING TROPICAL STORM DEBBIE THE DATES 8/7-8/2024. THEY CLEANED UP AS SOON AS POSSIABLE AND LIME PUT OUT. WE HAD 2 NOVs DUE TO AERATORS GOING OUT. THE REPAIRS WERE DONE AS SOON AS POSSIBLE AND BROUGHT BACK ONLINE WITH IN THE WEEK. HOWEVER, WITH RECORD BREAKING HEAT AND THE AERATORS GOING OUT THE BOD AND NH3 SHOT UP. WE HAD IT BACK IN COMPLIANCE THE NEXT WEEK. WE HAVE PLACED THIS ON THE WEB SITE AND A COPY CAN BE OBTAIN AT THE TOWN HALL. TO THE BEST OF MY KNOWLEDGE THIS REPORT IS ACCURATE. I HAVE MADE THIS REPORT AVAILABLE TO THE PUBLIC OF THE NAME SYSTEM.

TIM LYDE  
TOWN OF ST. PAULS  
WWTP AND COLLECTIONS  
ORC 2/13/2025