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CITY OF DUNN 2018 ANNUAL WASTEWATER PERFORMANCE REPORT

I. GENERAL INFORMATION:

Facility Name(s): Black River Wastewater Treatment Facility
Contact Person: Donrie Dukes (WWTP) and Billy Cottle (Collection System)
Responsible Entity: City of Dunn
Applicable Permit #: NC0043176 and WQCS00073
Telephone Number: 910-892-2935

We are pleased to present your Wastewater Annual Report. The Clean Water Act of 1999, passed by the North Carolina Assembly, requires Utilities to provide an annual report to their wastewater customers. This report summarizes the performances of your wastewater treatment plant and collection system over a 12-month period (January 1, 2018-December 31, 2018).

DESCRIPTION OF TREATMENT PROCESS:

The City of Dunn Black River Wastewater Treatment Facility (3.75 MGD) uses mechanical pretreatment processes to remove inorganic materials such as rags and sand. An extended aeration biological process is utilized for secondary treatment. This is followed by clarification, disinfection, and de-chlorination before the treated water is discharged into the Cape Fear River. Excess biosolids are thickened and stabilized before land application to permitted farm sites.

DESCRIPTION OF THE SANITARY SEWER COLLECTION SYSTEM: The collection system is comprised of 75 miles of gravity sewer, 13 miles of force mains, and 8 duplex lift stations. The collected wastewater is then sent to the City's wastewater treatment system for treatment.

II. PERFORMANCE: The City of Dunn Black River Wastewater Treatment Facility had one reportable compliance violations in 2018. The average daily flow for December 2018 was 4.55 MGD which exceeded the 3.75 MGD permitted capacity.

NCDENR Reportable Sanitary Sewer Overflows (SSOs): During the 2018 compliance period, there were the following reportable SSOs.

Date	Total Volume (Gallons)	Total Volume reaching Surface Water (Gallons)	Cause	Location
9/15/18	6,672,000	6,672,000	Hurricane Florence	Black River Outfall
9/15/18	2,400,000	2,400,000	Hurricane Florence	Eastside Pump Station
11/13/18	1,896,000	1,896,000	Severe Natural Condition	Black River Outfall
11/13/18	27,000	27,000	Severe Natural Condition	Eastside Pump Station
12/10/18	744,000	744,000	Severe Natural Condition	Black River Outfall
12/14/18	390,000	390,000	Severe Natural Condition	Black River Outfall

III. NOTIFICATION:

This report is a matter of public record and will be filed in the City of Dunn, North Carolina Administrative Office. Notification to users or customers of the system will be made via the City’s local government cable channel of the availability of this report for viewing on the City website or at City Hall.

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 the users have been notified of its availability.

 Heather T. Adams
 Public Utilities Director

 Date

