

TOWN OF MURPHY  
COLLECTION SYSTEM REPORT

PERIOD: July 1<sup>st</sup>, 2020- June 30<sup>th</sup>, 2021

PREPARED: July 28<sup>th</sup>, 2021

Town of Murphy  
P.O. Box 130  
Murphy N.C. 28906

Mayor - Rick Ramsey..... 828-837-2510 EXT 3

Town Manager --- Chad Simons..... 828-837-2510 EXT 4

Collection Operator --- Tyler White..... 828-557-1267

Wastewater Treatment Plant permit NPDES# NC0020940  
Collections System permit WQCS# 00132

**COLLECTION SYSTEM COMPONENTS & OPERATION**

The Town of Murphy's wastewater collection system, located in Cherokee County, consists of nineteen pumping stations with approximately 34 miles of collection lines. All wastewater from the collection system is transported by other pumping stations into our pump station #1, which is located approximately 2300 feet from the wastewater treatment plant. Pump station #1 pumps directly into the headworks system at the wastewater treatment plant.

The Town of Murphy currently has a wastewater treatment plant that is permitted to discharge 1.4 MGD. The treatment system is a biological activated sludge process. It uses two 750,000-gallon SBR tanks as treatment units. This new system also utilizes a sludge press to dewater the sludge prior to disposal instead of the drying beds that were used when the old plant was in service. This processed sludge will be hauled to the county's sanitary landfill for proper disposal.

## **SYSTEM PERFORMANCE**

The Town of Murphy continues to work in many areas in order to improve the wastewater collection system. Having older pumping stations and collection lines replaced remain major priorities for the town. Town personnel regularly perform preventative maintenance, such as line jetting, root control, and smoke testing when needed. Line inspections are performed on a regular basis to ensure proper structural performance.

## **DEFICIENCIES**

July 2020- Sewer Overflow at 4 Railroad Street 200 Gallons Hit the Hiwassee River. This Was Caused Due To Debris In The Line

August 2020- No Violations

September 2020- No Violations

October 2020- No Violations

November 2020- No Violations

December 2020- No Violations

January 2021- No Violations

February 2021- Sewer Overflow at Pleasant Valley Avenue and Hill Street 5000 Gallons Hit Britain Creek Which Flows Into Valley River. This Was Caused Due To Debris In The Line

March 2021- No Violations

April 2021- No Violations

May 2021- No Violations

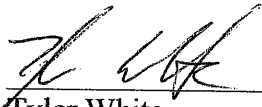
June 2021- No Violations

## **CUSTOMER NOTIFICATION**

The Town of Murphy will notify its customers by placing an ad in the local that notifies our residents that an annual wastewater collection system report is available upon request.

**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 available to the users or customers of the named system and that those users have been notified of its availability.

  
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Tyler White  
Title: ORC, Collection System Operator  
Permit #WQCS00132

7/28/21  
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Date