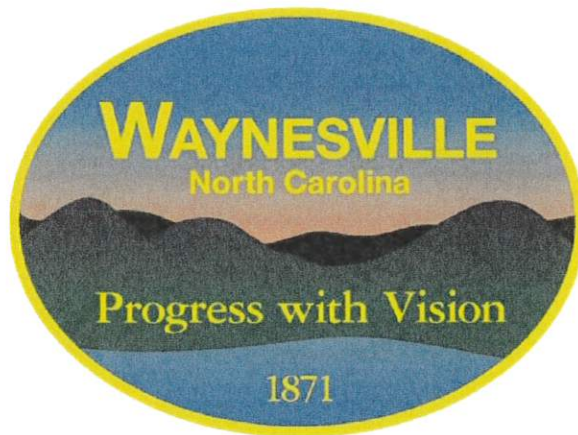


Wastewater System Performance Report

January 1, 2025-December 31, 2025



Town of Waynesville Public Works Department

129 Legion Drive

Waynesville, NC 28786

(828) 456-3706

Town of Waynesville Wastewater Treatment Plant

Facility Name: Town of Waynesville Wastewater Treatment Plant
Permit Number: NC0025321
Operator in Responsible Charge: Charles Dills WWTP Superintendent
{828} 734-5720 cdills@waynesvillenc.gov

Total Gallons Treated in 2025

2025 Avg. Flows

Month	Avg. Daily Discharge (mgal/day)	Monthly Flow (mgal)
Jan-25	1.57	48.77
Feb-25	1.97	55.29
Mar-25	1.87	56.21
Apr-25	1.91	55.52
May-25	1.86	56.07
Jun-25	1.57	45.14
Jul-25	1.08	33.34
Aug-25	1.13	35.018
Sep-25	0.976	29.292
Oct-25	1.1	34.185
Nov-25	1.08	32.431
Dec-25	1.36	42.157

2025 Total Flow MGD 523.423

2025 Yearly Gallons 523423000

Description of Treatment Process

The Town of Waynesville WWTP is a 6 MGD activated sludge treatment plant and includes influent flow measurement, bar screening, 3 disc filters, gravity sludge thickeners, aeration basin (fine air), secondary clarifiers (chain and flight), hypochlorite(liquid) disinfection, and bisulfite (liquid) dechlorination. Solids are belt filter pressed and are hauled to the Whiteoak landfill for ultimate disposal. The treated wastewater is discharged into the Pigeon River on Richland Creek Road under permit number NC0025321.

Summary of Violations During 2025

The Town of Waynesville WWTP was issued notice of violations for the months of January, February, April, May, June, July, August, and September. We were compliant with our permit during the months of March, October, November, and December. The noncompliant months were due to various reasons in the construction process. In January the press building, secondary clarifiers, blowers, and RAS/WAS were taken offline to rewire these areas. No primary treatment. In February, the chain and flight system in the secondary clarifiers the inside clarifiers went down to new broken equipment. Emulsion polymer system issues due to cold weather. The building wasn't heated on the first level and caused the emulsion polymer to coagulate. In April, we still didn't have primary treatment. The grit system was not working and there were more issues with the polymer system. In May, we still had no primary treatment. The blowers were not putting enough air into aeration and caused the activated sludge to die. The only working secondary clarifier was tripping out. The electrical contractors had to pull more new wire into the instrument panels to fix the issue. Couldn't waste to digester due to contractors working on installing floating aerator system. In June, there is still no primary treatment. Running the plant on one secondary clarifier. In mid-June, we started having issues with our Reuse water system. The pump shafts and bolts were being sheared into. This was due to the disc filters not running to relieve pressure from the system. Also, the press was down for two weeks trying to figure out electrical issues. The contractors had to run new wire to the press. In July, there is still no primary treatment. Both reuse water pumps failed again. We had to use diesel pumps to keep re-use water to the chlorination and dichlorination systems. In August, there was still no primary treatment. The inside secondary clarifier is still not working. Still using 6-inch diesel pumps for re-use water. In September, there is still no primary treatment. The inside secondary clarifier is still not working. Finally got a bypass to relieve water pressure temporarily fixed and pumps put back in for re-use water. October, November, and December were compliant. We still don't have primary treatment, and inside secondary clarifier is not working. We are walking a fine line to keep in compliance with half of our treatment process still not working.

Harper Construction contract was ended in February of 2025. There was and still are lots of unfinished treatment components to be fixed or finished. Once the issues are fixed the Town of Waynesville WWTP will be compliant for years to come.

Public Notification

This report will be available for public viewing on the Town of Waynesville's website.

(www.townofwaynesville.org)

Certification

I certify under the 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 customers of the named system.

Ricky Bourne 10-5-26

Ricky Bourne

Public Works Director

Town of Waynesville Public Works Department

