

# DON'T FEED THE GREASE GOBLIN!

The **GREASE GOBLIN** Causes Sewers To Overflow.



The **GREASE GOBLIN**  
Your drain's worst enemy!

## DO!

- ✓ Put oil and grease in collection containers
- ✓ Remove oil and grease from kitchen utensils, equipment and food preparation areas with scrapers/towels/brooms
- ✓ Keep grease out of wash water
- ✓ Place food scraps in collection containers

## DO NOT!

- ✗ Pour oil and grease down drains
- ✗ Wash fryers/griddles, pots/pans, and plates with water until oil and grease are removed
- ✗ Use **hot** water to rinse grease off surfaces
- ✗ Put food scraps down drains

N.C. General Statute Chapter 143, Article 21, Part 1, 143-215.1C requires municipalities that operate wastewater collection and treatment systems to publish an annual report summarizing the performances of their collection system and treatment works and the extent to which the system has violated their permit, federal or state laws, regulations, or rules related to the protection of water quality.

We at the Town of West Jefferson strive hard to provide a safe environment and clean waterways for all. If you have any comments or questions, please contact the West Jefferson Town Hall at (336) 246-3551 between the hours of 8 am - 5 pm Monday through Friday or Brandon Patrick ORC at (336) 246-3558 Monday through Friday between 7:30 am - 4:00 pm



Wastewater System Report  
2023

The Town of West Jefferson operates a wastewater treatment plant with a permitted flow of 0.500 MGD with an average flow of 0.275 MGD. The plant consists of an influent pump station with wet well, a 0.500 MG oxidation ditch, two 0.130 MG secondary clarifiers, tertiary sand filters, UV disinfection system, and 3 digesters for holding and preparing sludge for land application. A belt filter press gives us the ability to continue processing sludge during wet weather and through the winter months. Our small lab has the capability to perform pH testing, temperature readings, MLSS, dissolved oxygen, conductivity, settle-ability, and microscopic analysis of current bacteria within the mixed liquor.

We maintain 19.6 miles of collection lines and four pump stations for proper operation of the collection system. This system serves approximately 1300 people with a total of 840 residential/commercial sewer connections.

**The WWTP had no reportable overflows (bypasses) in 2023.**

**West Jefferson Collection System had two reportable Sanitary Sewer Overflow in 2023 - Permit WQCS00214. A service line at E. Second Street was stopped up, and there was a hole in the force main located in front of Ingles that was fixed promptly.**

All discharges of any amount that reach surface waters are reported to the Division of Water Resources. In addition, any spills to the ground that exceed 1,000 gallons are reported. If a discharge of 1,000 gallons or more reaches surface waters, a press release is sent to Ashe Post and Times within 24 hours. If a discharge is more than 15,000 gallons, a public notice is placed in Ashe Post and Times and Press in the area downstream.

This report covers the period of  
January 01, 2023 - December 31, 2023.

The Town of West Jefferson considers any violation of our permit unacceptable and cause for further monitoring.

Sample Date	Location	Parameter	Limit	Result
05/15/23	WWTP Effluent	BOD	7.5	8.96

**Town of West Jefferson WWTP - Permit NC0020451  
WWTP Permit Violations for 2023:**

**Compliance testing, done according to our NPDES permit requirements, is as follows:**

- BOD - Weekly Influent/Effluent
- TSS - Weekly Influent/Effluent
- NH3 - Weekly Effluent
- Dissolved Oxygen – Daily on Effluent and Weekly on Upstream/Downstream (3 days per week June-September)
- pH - Weekly Effluent
- Temperature - Weekly Effluent/Upstream/Downstream (3 days per week June-September)
- Fecal Coliform- Weekly Effluent
- Conductivity - Daily on Effluent and Weekly on Upstream/Downstream (3 days per week June-September)
- Total Nitrogen - Quarterly on Effluent/Upstream/Downstream
- Total Phosphorus - Quarterly on Effluent/Upstream/Downstream
- Chronic Toxicity - Quarterly Effluent
- Pollutant Scan
- Total Hardness - Quarterly Effluent/Upstream
- Total Copper - Monthly Effluent
- Toluene - Quarterly Effluent

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