

DON'T FEED THE GREASE GOBLIN !

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



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

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

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.



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 - Weekly Effluent/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 - Weekly Effluent/Upstream/Downstream (3 days per week June-September)
Total Nitrogen - Semi-Annually Effluent
Total Phosphorus - Semi-Annually Effluent
Chronic Toxicity - Quarterly Effluent
Pollutant Scan
Total Hardness - Quarterly Effluent/Upstream
Total Copper - Monthly Effluent
Total Selenium - Quarterly Effluent

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

Town of West Jefferson WWTP - Permit NC0020451

WWTP Permit Violations for 2020:

Date	Location	Parameter	Daily Limit	Result	
04/15/20	WWTP Effluent	Copper	52 ug/l	53 ug/l	Due to excessive rains. We are remediating sewer lines for I&I.
04/18/20	WWTP Effluent	TSS	15 mg/l	19 mg/l	Due to excessive rains. We are remediating sewer lines for I&I.
04/25/20	WWTP Effluent	TSS	15 mg/l	16 mg/l	Due to excessive rains. We are remediating sewer lines for I&I.
04/30/20	WWTP	Copper	37 ug/l	53 ug/l	37 ug/l is the monthly limit. We did not have enough time to pull another sample after receiving results.
08/22/20	WWTP Effluent	BOD	7.5	8.5	Due to excessive rains. We are remediating sewer lines for I&I.

The Town of West Jefferson operates a wastewater treatment plant with a permitted flow of 0.500 MGD with an average flow of 0.347 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 was added to the system, giving 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 2020.

West Jefferson Collection System had no reportable Sanitary Sewer Overflows in 2020 - Permit WQCS00214

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.