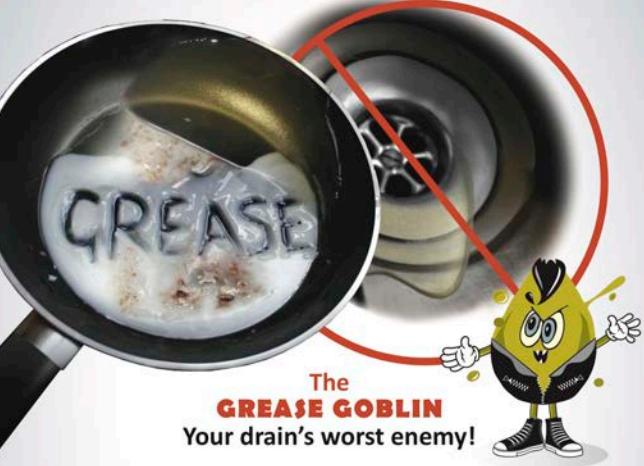


# DON'T FEED THE GREASE GOBLIN!

The GREASE GOBLIN Causes Sewers To Overflow.



The GREASE GOBLIN  
Your drain's worst enemy!

## DO!

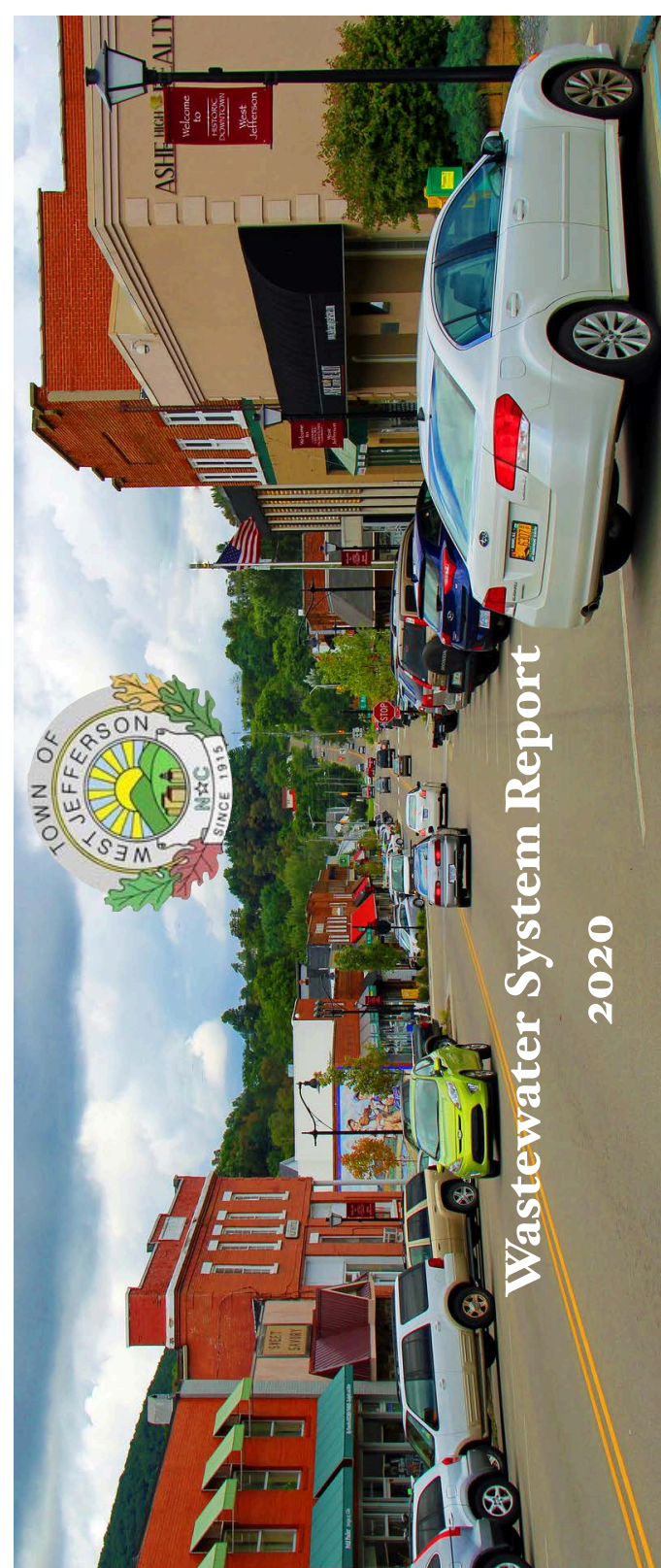
- ✓ Put oil and grease in collection containers
- ✓ Remove oil and grease from kitchen utensils, equipment and food preparation areas with scrapers/towels/brooms
- ✓ Keep grease out of wash water
- ✓ Place food scraps in collection containers

## 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



**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.