

# CITY OF ROUND ROCK SURCHARGE NOTIFICATION

**THIS IS NOT AN INVOICE - CHARGE WILL APPEAR ON WATER BILL**

**Account Number** 99-0231  
**Restaurant Name** Round Rock Restaurant  
**Restaurant Location** 221 E. Main Street  
Round Rock, TX 78664

**Report Date** 10/15/2019  
**Report Number** 10151901

**THIS IS NOT AN INVOICE, PLEASE DO NOT REMIT PAYMENT.**

This surcharge was computed using data collected from the sample described below.  
The surcharge fee will be assessed each month for the next six-month period.

## Description of the Surcharge Program

Section 44-149 of the City of Round Rock Code of Ordinances requires that all industries and businesses that discharge high-strength wastewater (higher than normal residential domestic wastewater) pay an additional fee to recover the additional cost for treating these non-domestic wastes at the Wastewater Treatment Plant. This additional fee is called a "surcharge." The surcharge is calculated from test results of the business' wastewater sample and its water usage.

BOD = Biochemical Oxygen Demand, the quantity of oxygen utilized in the biochemical oxidation of organic matter under Standard Method 5210B. Commonly referred to as "sewage strength." This procedure is performed over five days at 20C and is expressed in terms of weight per volume (milligrams per liter).

TSS = Total Suspended Solids, the total suspended matter that floats on the surface of, or is suspended in, wastewater and which is removable by a standardized laboratory filtration device via Standard Method 2540D. This is also expressed in terms of weight per volume (milligrams per liter, mg/L).

## Sample Description

### Pollutant Concentration in Sample

(BOD) mg/L 1,160  
(TSS) mg/L 440

**Collection Date** 10/8/2019

**Average Sewer Flow in Million Gallons per Month** 0.0415

### Pollutant Concentration in Normal Residential Sewage

(BOD) mg/L 250  
(TSS) mg/L 250

**Grease Trap % Full\*** 20%

**Notice of Violation Issued** No

\*Grease trap maintenance records should be kept on file for review at the facility. Grease traps that exceed the 25% floatable/settleable solids to 75% water ratio will be required to be pumped.

## Surcharge Calculation

**Formula** Surcharge (BOD) =  $\{(BOD - 250) \times 8.34 \times \text{Flow}\} \times \$0.477$  Total Surcharge = Surcharge (BOD) + Surcharge (TSS) + Lab Fee  
Surcharge (TSS) =  $\{(TSS - 250) \times 8.34 \times \text{Flow}\} \times \$0.477$  Lab Fee = \$8.33  
Conversion Factor for Gallons to Pounds = 8.34 Surcharge Rate per Pound = \$0.477

**Computation** Surcharge (BOD) =  $\{(1160 - 250) \times 8.34 \times 0.0415\} \times \$0.477$  **\$150.24**  
Surcharge (TSS) =  $\{(440 - 250) \times 8.34 \times 0.0415\} \times \$0.477$  **\$31.37**  
Lab Fee = **\$8.33**  
**Total Monthly Surcharge Due\*\*** **\$189.94**

\*\*This monthly surcharge amount will be assessed on the restaurant's water bill each month for the next six (6) months.

## Questions or Concerns?

It is the goal of the City to be fair and equitable to all its customers. Users must contest any or all charges within fourteen (14) days of issuance of surcharge notification. Once assessed on the restaurant's water bill, this charge cannot be contested.

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## Additional Comments

- The City does not endorse any water treatment product, company or microbiological treatment technique.
- If a treatment product used by a business causes damage or blockage to the City's wastewater system, that business will be held fully and monetarily responsible for all cleanup and repair costs incurred by the City.

Reviewed by: \_\_\_\_\_