

FIRST READING

April 5, 2010

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PASSED

June 7, 2010

ORDINANCE NO.: ORD 10-15

TO AMEND ARTICLE II OF THE UTILITIES ORDINANCE OF THE CITY OF DAWSONVILLE GEORGIA TO PROVIDE FOR THE REGULATION OF HIGH STRENGTH WASTEWATER; TO PROVIDE FOR A SURCHARGE FOR HIGH STRENGTH WASTEWATER; TO PROVIDE FOR A METHOD TO CALCULATE SURCHARGES; TO PROVIDE FOR TESTING AND MEASUREMENT OF WASTEWATER; TO PROVIDE FOR SEVERIBILITY; TO PROVIDE FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES

WHEREAS, the City of Dawsonville is empowered by O.C.G.A. § 36-34-5 to acquire, operate and maintain a waste water treatment system; and

WHEREAS, the City of Dawsonville is empowered by that same portion of the Georgia Code to prescribe, revise, and collect fees in connection with its treatment of wastewater;

WHEREAS, the City of Dawsonville is likewise empowered by Section 1.12(9) of its State Charter to acquire, maintain, and operate waste water treatment utilities to include the setting of rates and fees for the same;

WHEREAS, there are certain types of wastewater called "high-strength wastewater" which, because of the nature of their makeup, the contaminants or pollutants therein, result in increased treatment costs to the City of Dawsonville; and

WHEREAS, the City has determined that it is in the best interests of the City of Dawsonville, its Citizens and its operation of a waste water treatment facility to establish certain regulations regarding high-strength wastewater.

NOW THEREFORE, pursuant to the authority granted to the City of Dawsonville by its Charter and the authority referenced above, the Council of the City of Dawsonville hereby ordains as follows:

SECTION I. New § 14.84: “High Strength Wastewater Surcharge”

There is hereby enacted a new § 14.84 of Article II of Chapter 14, Utilities, of the Code of the City of Dawsonville, Georgia, which new section shall read as follows:

Sec. 14.84 High Strength Wastewater Surcharge

(A) Establishment of Surcharge

Users discharging "high strength" wastewater into the City sewerage system may be assessed a monetary surcharge in addition to the normally required sewer use charges in an amount to be calculated below. A "high strength" wastewater is defined as wastewater which contains any of the primary pollutants mentioned below in excess of the monthly average concentration:

1. Five day 20° C (20 degrees Centigrade) biochemical oxygen demand (BOD₅) of 350 milligrams per liter (mg/l), not to exceed a maximum of 600 mg/l
2. Chemical oxygen demand (COD) of 700 milligrams per liter (mg/l) not to exceed a maximum of 1,200 mg/l.
3. Total ammonium nitrogen NH₃-N of 40 mg/l not to exceed a maximum of 60 mg/l.
4. Total phosphorus of 20 mg/l not to exceed a maximum of 30 mg/l.
5. Floatable oil and grease of 100 mg/l not to exceed a maximum of 150 mg/l.

The above parameters shall be determined by the utilization of sampling and testing procedures as provided in (D) below.

The amount of the surcharge, which may be charged and assessed against all users discharging high strength wastewater into the City sewerage system shall reflect the cost incurred by the City in handling the excess oxygen demand, total ammonium nitrogen, total phosphorus, and floatable oil and grease. This surcharge shall include a proportionate share of charges for maintenance and operation of the wastewater treatment facilities including depreciation and other incidental expenses.

(B) Formula

When the concentration of the surcharge parameters exceeds the values shown above, the excess concentration may be subject to a surcharge in the amount obtained using the following formula:

$$\text{Surcharge \$/month} = P \times Q \times 8.34 \times C$$

Where:

"P" is the excess monthly average concentration in mg/l of the parameter (BOD₅, etc.) being evaluated i.e. the actual concentration less the allowable concentration listed in paragraph (A). The maximum concentration shall not be exceeded.

"Q" is equal to the user's monthly flow in millions of gallons.

"C" is equal to the unit cost in dollars per pound (\$/lb) for the treatment of the surcharged parameter. This value shall be established by the City based on actual wastewater treatment costs which shall be revised from time to time as necessary.

(C) Quantitative Measurements of Surchargeable Parameters

The measurements of the surchargeable parameters shall be conducted as follows:

1. Monitoring to determine surcharge shall be conducted by the user as required either in the pretreatment permit or a minimum of two tests per month. The average of all test results will be used to calculate the surcharge.
2. Above the required two tests per month, the City may sample the user as often as desired at the City's expense. The City will split the sample with the user at the user's request.

(D) Sampling and Testing Procedures

1. The user must collect wastewater samples using flow proportional composite collection techniques. In the event flow proportioned sampling is not feasible, the City may authorize the use of time proportional sampling or a minimum of four (4) grab samples where the user demonstrates that this will provide a representative sample of the effluent being discharged. In addition, grab samples may be required to show compliance with instantaneous discharge limits.
2. All wastewater monitoring samples required should be tested by an

independent laboratory, with the results submitted to the City on laboratory report sheets. The requirement for utilization of an independent laboratory may be waived by the City when the required tests are performed by the City or other approved agency or when "split" samples are provided to the City and the City's testing results show a reasonably good correlation with the user's in-house testing results.

All measurements, tests and analyses shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater."

3. The costs incurred for sampling and testing shall be the responsibility of the customer.

(E) Billing Procedure

Wastewater surcharges as provided for in this section will be included either on the user's regular water and sewer bill or on a separate wastewater surcharge bill.

SECTION II. Severability

If any section, provision or clause of any part of this Ordinance shall be declared invalid or unconstitutional, or if the provisions of any part of this Ordinance as applied to any particular situation or set of circumstances shall be declared invalid or unconstitutional, such invalidity shall not be construed to affect the portions of this Ordinance not so held to be invalid, or the application of this Ordinance to other circumstances not so held to be invalid. It is hereby declared as the intent that this Ordinance would have been adopted had such invalid portion not been included herein.

SECTION III. Repeal of Conflicting Ordinances

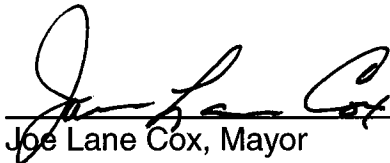
All Ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

SECTION IV. Effective Date

This ordinance shall become effective upon the first day of month following its adoption.

SO ADOPTED by the City Council of Dawsonville, Georgia, this 7th day of June, 2010.

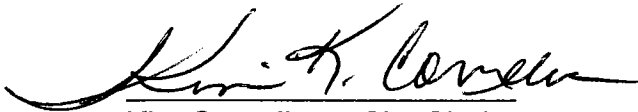
MAYOR AND DAWSONVILLE CITY COUNCIL

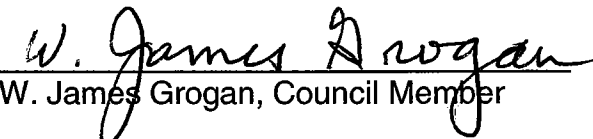
By: 
Joe Lane Cox, Mayor


Mike Sosebee, Council Member


Mike Wilson, Council Member

ATTESTED TO BY:


Kim Cornelison, City Clerk


W. James Grogan, Council Member


Calvin Byrd, Council Member