

ORDINANCE #135

AN AMENDMENT TO AMEND SECTION 1. PART (f); SECTION 2. PART (a); SECTION 3. PART (c)(1); AND SECTION 6. OF ORDINANCE 98, CITY OF CLINTON, ARKANSAS AND FOR OTHER PURPOSES.

So as to comply with the water quality standards of the State of Arkansas, Ordinance Number 98 is hereby amended and enacted by the City Council of the City of Clinton, Arkansas, as follows:

SECTION 1 (f) is hereby amended to read as follows:

(f) "NORMAL" domestic sewage shall mean normal sewage for the City of Clinton in which the average concentration of suspended materials is 270 parts per million and 5-day B.O.D. is established at 270 parts per million, by weight, on the basis of normal daily contribution of twenty hundredths (0.20) pounds per capita, per 100 gallons and oil and/or grease is an average in concentration of 40 parts per million.

SECTION 2 (a) is hereby amended to read as follows:

(a) APPROVAL REQUIRED - Review and acceptance of the Approving Authority shall be obtained prior to the discharge into the public sewers of any wastes and waters having:

- (1) A 5-day, 20 degree Centigrade biochemical-oxygen-demand (B.O.D.) greater than 270 parts per million.
- (2) Suspended solids containing greater than 270 parts per million.
- (3) Free or emulsified oil and grease exceeding 40 parts per million.

SECTION 3 (c)(1) shall be amended by changing the 1.00 ppm stated therein to read 40 parts per million and the 8.345 pounds stated therein to read 333.8 pounds per million gallons.

SECTION 6 is hereby amended to read as follows:

(a) Persons or owners discharging industrial wastes which which exhibit none of the characteristics of wastes prohibited in Section 3, other than excessive B.O.D., suspended solids or oil and grease, but having a concentration for a duration of fifteen minutes greater than four times that of "normal" sewage as measured by suspended solids, B.O.D., oil and grease and/or a concentration during a twenty-four hour period average of suspended solids, B.O.D. and oil and grease content in excess of "normal" sewage, as defined in (defination) as "normal" domestic sewage, shall be required to pretreat the industrial wastes to meet the requirements of "normal" sewage, however, such wastes may be accepted for treatment, if all the following requirements are met:

- (1) The wastes will not cause damage to the collection system.
- (2) The wastes will not impair the treatment process.
- (3) The donor of the wastes enters into a contractual agreement with the City of Clinton providing for a surcharge over and above published water and sewer rates. The basis for surcharge on industrial wastes is according to the following formula:

(continued)

Monthly surcharge = A X 8.34 (B (SS-270) + C  
(BOD - 270 + D (Oil/Grease - 40)

A = Millions of gallons of wastewater discharged  
per month.

S.S. = Suspended solids content expressed in  
milligrams per liter.

BOD = Biochemical oxygen demand expressed in  
milligrams per liter.

B = Cost per pound for treatment of suspended  
solids.

C = Cost per pound for treatment of concentrations  
having BOD.

D = Cost per pound for treatment of oil and/or grease

(b) That for all billings on or after January 15, 1985, the average cost per pound for treatment of suspended solids (i.e. "B" in the above formula) shall be \$0.06 per pound; and the average cost per pound for treatment of concentrations having biochemical oxygen demand (i.e. "C" in the above formula) shall be \$0.10 per pound and the average cost for treatment of oils and/or grease (i.e. "D" in the above formula) shall be \$0.04 per pound. On and after January 15, 1985, and at least annually (and more frequently at the discretion of the City), thereafter, the values for factors B and C shall be determined as follows:

B = Suspended Solids =  $\frac{25\% \text{ (total O \& M costs)}}{\text{Total pounds of S.S. treated in preceding FY}}$   
Cost Per Pound

C = BOD Cost =  $\frac{45\% \text{ (total O \& M costs)}}{\text{Total pounds of BOD in preceding FY}}$   
Per Pound

D = Oil/Grease Cost =  $\frac{10\% \text{ (total O \& M costs)}}{\text{Total pounds of oil and/or grease treated in preceding FY}}$   
Per Pound

(c) Each user falling into the category set out in paragraph 1 above shall provide to and maintain for the use of the City or its designee, a suitable accessible inspection chamber or manhole on the user's premises near the connection of the user's facility with the City's sewer. The City or its agents, employees or designees shall be allowed access to the user's premises as necessary for inspection, observation, measurement, sampling or testing of wastewater discharged by the user into the system. The City or its designee shall be allowed to inspect the records of any industrial user where an effluent source of pretreatment system is located as may be reasonably necessary to determine the strength and concentration of pollutants discharged into the City's wastewater system.

(d) Sampling of the effluent of waste discharges may be accomplished manually or by use of mechanical equipment to obtain a composite sample which would be representative of the total effluent. Samples shall be taken at minimum at six month intervals to establish the BOD, suspended solids and oil and/or grease concentrations of the individual waste for billing purposes, or at such intervals as determined by the City to be necessary to maintain control over the discharges from the user. The method used in the examination of all industrial wastes to determine BOD and suspended solids and prohibited wastes shall be that set forth in "Standard Methods for the Examination of Water and Wastewater" as approved and published jointly by the American Public Health Association, the American Wastewater Association and the Water Pollution Control Federation.

Repealing Action: All prior ordinances and resolutions and portions thereof or other actions of the Council conflicting with this amendment are hereby and herewith repealed.

Passed on the 11<sup>th</sup> day of October, 1984.

  
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Mayor Charles Bradley

  
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Recorder Faye Rodgers