

TITLE 18**WATER AND SEWERS¹****CHAPTER**

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CHAPTER 1**WATER****SECTION**

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18-101. Application and scope. These rules and regulations are a part of all contracts for receiving water service from the town and shall apply whether the service is based upon contract, agreement, signed application, or otherwise. (1997 Code, § 18-101)

18-102. Definitions. (1) "Customer" means any person, firm, or corporation who receives water service from the town under either an express or implied contract.

(2) "Household" means any two (2) or more persons living together as a family group.

(3) "Service line" shall consist of the pipe line extending from any water main of the town to private property. Where a meter and meter box are located on private property, the service line shall be construed to include the pipe line extending from the town's water main to and including the meter and meter box.

(4) "Discount date" shall mean the date ten (10) days after the date of a bill, except when some other date is provided by contract. The discount date is the last date upon which water bills can be paid at net rates.

(5) "Dwelling" means any single structure, with auxiliary buildings, occupied by one or more persons or households for residential purposes.

(6) "Premise" means any structure or group of structures operated as a single business or enterprise, provided, however, the term "premise" shall not include more than one (1) dwelling. (1997 Code, § 18-102)

18-103. Obtaining service. A formal application for either original or additional service must be made and be approved by the town before connection or meter installation orders will be issued and work performed.

Each customer shall deposit one hundred fifty dollars (\$150.00) as security for the prompt payment of all accounts of the subscriber with the system, which deposit shall be returned to the subscriber upon termination of the services if all charges due the system shall have been paid, but in the event that the subscriber shall become in arrears in such charges, then such deposit shall be used in whole or in part, in liquidation of same, and the deposit by the subscriber shall be his consent to such use in such an event. All such deposits shall be retained in a separate account to be accounted for at the termination of service, except in the case of a subscriber becoming in arrears in charges, at which time the deposit may be withdrawn from the special account and applied to the payment of the delinquent charge. (1997 Code, § 18-103, modified)

18-104. Application and contract for service. Each prospective customer desiring water service will be required to sign a standard form contract before service is supplied. If, for any reason, a customer, after signing a contract for service, does not take such service by reason of not occupying the premises or otherwise, he shall reimburse the town for the expense incurred by reason of its endeavor to furnish said service.

The receipt of a prospective customer's application for service, regardless of whether or not accompanied by a deposit, shall not obligate the town to render the service applied for. If the service applied for cannot be supplied in accordance with these rules, regulations, and general practice, the liability of the municipality to the applicant for such service shall be limited to the return of any deposit made by such applicant. (1997 Code, § 18-104)

18-105. Service charges for temporary service. Customers requiring temporary service shall pay all costs for connection and disconnection incidental to the supplying and removing of service in addition to the regular charge for water used. (1997 Code, § 18-105)

18-106. Connection charges. Service lines will be laid by the town from the water main to the property line at the expense of the applicant for service. The location of such lines will be determined by the town.

For each connection to the water mains, the person or firm applying for service shall pay to the town a tapping fee of four hundred seventy-five dollars (\$475.00) for connection inside or outside the town limits. The location of the lines will be determined by the town.

When a service line is completed, the town shall be responsible for the maintenance and upkeep of such service line from the main to and including the meter and meter box, and such portion of the service line shall belong to the town. The remaining portion of the service line beyond the meter box shall belong to and be the responsibility of the customer. (1997 Code, § 18-106, modified)

18-107. Main extensions to developed areas. The provisions of this section shall apply only to water main extensions of five hundred (500) feet or less to areas where there is a demand for water service by the occupants of existing houses. This section shall in no event be applicable to land development projects and subdivision promotion, even though accompanied by the erection of occasional houses within such areas.

Owners of property to be served by a proposed water main extension of the character to which this section applies shall pay to the town the regular charge for each connection desired immediately and shall also assume one minimum monthly bill for each one hundred (100) feet, or fraction thereof, of said proposed extension, the connection charge to be paid and the agreement to pay minimum monthly bills to be signed before the work is begun. The town

shall require a cash deposit as security for such minimum bill agreement, in an amount that does not exceed the estimated cost of the main extension, before making any such requested extension. Beginning with the completion of the water main extension, such persons shall pay water bills at least equal to the minimum monthly charges agreed upon, until the obligation for the payment of such minimum monthly water bills shall have been assumed by other persons acceptable to the town at which times pro rata amounts of the cash deposit shall also be returned to the depositors. (1997 Code, § 18-107)

18-108. Main extensions to other areas. The provisions of this section shall apply to all areas to which the preceding section is not applicable. Customers desiring water main extensions pursuant to this section must pay all of the cost of making such extensions.

For installations under this or the preceding section cement-lined cast iron pipe, class 150 American Water Works Associations Standard, not less than six inches in diameter shall be used to the dead end of any line and to form loops or continuous lines, so that fire hydrants may be placed on such lines at locations no farther than one thousand (1,000) feet from the most distant part of any dwelling structure and no farther than six hundred (600) feet from the most distant part of any commercial, industrial or public building, such measurements to be based on road or street distances; cement-lined cast iron pipe two inches in diameter, to supply dwellings only, may be used to supplement such lines. All such lines shall be installed either by town forces or by other forces working directly under the supervision of the municipality.

Upon completion of such extensions and their approval by the town, such water mains shall become the property of the municipality. The persons paying the cost of constructing such mains shall execute any written instruments requested by the town to provide evidence of the town's title to such mains. In consideration of such mains being transferred to it, the town shall incorporate said mains as an integral part of the town water system and shall furnish water therefrom in accordance with these rules and regulations, subject always to such limitations as may exist because of the size and elevation of said mains. As further consideration, the town shall repay to the person or persons paying the cost of such a water main extension, for a period of five years, but no longer, from the date of completion of said extension the sum of fifty dollars (\$50.00) for each connection that is made to such main extension; provided, however, that the total payments shall in no event exceed the cost of the said extension paid by such person or persons. Provided also, that before making any such payment the town shall have the right to require that the customer making the connection in question shall sign a contract for water service for a period of time to be fixed by the town, but not to exceed three years.

No repayment shall be made for service line connections not made directly to the water main extension in question, even though such service line

connections are made to a main extended from, or receiving water through, the main extension in question. (1997 Code, § 18-108)

18-109. Variances from and effect of preceding rules as to extensions. Whenever the board of commissioners is of the opinion that it is to the best interest of the water system to construct a water main extension without requiring strict compliance with §§ 18-107 and 18-108, such extension may be constructed upon such terms and conditions as shall be approved by a majority of the members of the board of commissioners.

The authority to make water main extensions under §§ 18-107 and 18-108 is permissive only and nothing contained therein shall be construed as requiring the town to make water main extensions or to furnish service to any person or persons. (1997 Code, § 18-109)

18-110. Meters. All meters shall be installed, tested, repaired, and removed only by the town.

It shall be unlawful for any person or persons to tamper with or change any water meter, or to make any connection to the water or sewer systems without permission from the town, or to reconnect service, when it shall have been disconnected for nonpayment of a bill for service, until such bill shall have been paid in full, including the reconnection fee. (1997 Code, § 18-110)

18-111. Meter tests. The municipality will, at its own expense, make routine tests of meters when it considers such tests desirable.

In testing meters, the water passing through a meter will be weighed or measured at various rates of discharge and under varying pressures. To be considered accurate, the meter registration shall check with the weighed or measured amounts of water within the percentage shown in the following table:

<u>Meter Size</u>	<u>Percentage</u>
5/8", 3/4", 1", 2"	2%

The town will also make tests or inspections of its meters at the request of the customer. However, if a test requested by a customer shows a meter to be accurate within the limits stated above, the customer shall pay a meter testing charge in the amount stated in the following table:

<u>Meter Size</u>	<u>Test Charge</u>
5/8", 3/4", 1"	\$25.00
1-1/2", 2"	75.00

If such test shows a meter not to be accurate within such limits, the cost of such meter test shall be borne by the town. (1997 Code, § 18-111)

18-112. Multiple services through a single meter. No customer shall supply water service to more than one (1) dwelling or premise from a single service line and meter without first obtaining the written permission of the town.

Where the town allows more than one (1) dwelling or premise to be served through a single service line and meter, the amount of water used by all the dwellings and premises served through a single service line and meter shall be allocated to each separate dwelling or premise served. The water charge for each such dwelling or premise thus served shall be computed just as if each such dwelling or premise had received through a separately metered service the amount of water so allocated to it, such computation to be made at the town's applicable water rates schedule, including the provisions as to minimum bills. The separate charges for each dwelling or premise served through a single service line and meter shall then be added together, and the sum thereof shall be billed to the customer in whose name the service is supplied. (1997 Code, § 18-112)

18-113. Billing. Bills for residential service will be rendered monthly.

Bills for commercial and industrial service may be rendered weekly, semimonthly, or monthly, at the option of the town.

If any bill for water or sewer service shall be and remain due and unpaid for as long as fifteen (15) days after rendition, there shall be an additional charge of ten percent (10%) added thereto.

If any bill for water shall be and remain past due and unpaid for as long as thirty days, water service, to such delinquent customer shall be disconnected and shall not be reconnected until all past due bills shall have been paid in full, together with a reconnection charge as follows:

- | | | |
|-----|---|---------|
| (1) | Monday - Friday from 8:00 A.M. to 5:00 P.M. | \$35.00 |
| (2) | Monday - Friday from 5:00 P.M. to 8:00 P.M. | \$35.00 |
| (3) | Saturday, Sunday, and Holidays 8:00 A.M. to 5:00 P.M. | \$50.00 |

It shall be the duty of the superintendent of the system to notify the operator of the system of such delinquency, who shall proceed immediately to the premises of the customer so in arrears and disconnect service.

Should the final date of payment of bill at the net rate fall on Sunday or a holiday, the business day next following the final date will be the last day to obtain the net rate. A net remittance received by mail after the time limit for payment at the net rate will be accepted by the town if the envelope is date-stamped on or before the final date for payment of the net amount.

If a meter fails to register properly, or if a meter is removed to be tested or repaired, or if water is received other than through a meter, the town reserves the right to render an estimated bill based on the best information available. (1997 Code, § 18-113, modified)

18-114. Discontinuance or refusal of service. The board of commissioners shall have the right to discontinue service or to refuse to connect service for a violation of, or a failure to comply with, any of the following:

- (1) These rules and regulations.
- (2) The customer's application for service.
- (3) The customer's contract for service.

Such right to discontinue service shall apply to all service received through a single connection or service, even though more than one (1) customer or tenant is furnished service therefrom, and even though the delinquency or violation is limited to only one such customer or tenant.

Discontinuance of service by the town for any cause stated in these rules and regulations shall not release the customer from liability for service already received or from liability for payments that thereafter become due under other provisions of the customer's contract. (1997 Code, § 18-114)

18-115. Termination of service by customer. Customers who have fulfilled their contract terms and wish to discontinue service must give at least three (3) days written notice to that effect unless the contract specifies otherwise. Notice to discontinue service prior to the expiration of a contract term will not relieve the customer from any minimum or guaranteed payment under such contract or applicable rate schedule.

When service is being furnished to an occupant of premises under a contract not in the occupant's name, the town reserves the right to impose the following conditions on the right of the customer to discontinue service under such a contract:

(1) Written notice of the customer's desire for such service to be discontinued may be required; and the town shall have the right to continue such service for a period of not to exceed ten (10) days after receipt of such written notice, during which time the customer shall be responsible for all charges for such service. If the town should continue service after such ten (10) day period subsequent to the receipt of the customer's written notice to discontinue service, the customer shall not be responsible for charges for any service furnished after the expiration of the ten (10) day period.

(2) During the ten (10) day period, or thereafter, the occupant of premises to which service has been ordered discontinued by a customer other than such occupant, may be allowed by the town to enter into a contract for service in the occupant's own name upon the occupant's complying with these rules and regulations with respect to a new application for service. (1997 Code, § 18-115)

18-116. Access to customers' premises. The town's identified representatives and employees shall be granted access to all customers' premises at all reasonable times for the purpose of reading meters, for testing, inspecting, repairing, removing, and replacing all equipment belonging to the

town, and for inspecting customers' plumbing and premises generally in order to secure compliance with these rules and regulations. (1997 Code, § 18-116)

18-117. Inspections. The town shall have the right, but shall not be obligated, to inspect any installation or plumbing system before water service is furnished or at any later time. The town reserves the right to refuse service or to discontinue service to any premises not meeting standards fixed by this code regulating building and plumbing, or not in accordance with any special contract, these rules and regulations, or other requirements of the town.

Any failure to inspect or reject a customer's installation or plumbing system shall not render the town liable or responsible for any loss or damage which might have been avoided, had such inspection or rejection been made. (1997 Code, § 18-117)

18-118. Customer's responsibility for system's property. Except as herein elsewhere expressly provided, all meters, service connections, and other equipment furnished by or for the town shall be and remain the property of the municipality. Each customer shall provide space for and exercise proper care to protect the property of the town on his premises. In the event of loss or damage to such property, arising from the neglect of a customer to care for it properly care for same, the cost of necessary repairs or replacements shall be paid by the customer. (1997 Code, § 18-118)

18-119. Customer's responsibility for violations. Where the town furnishes water service to a customer, such customer shall be responsible for all violations of these rules and regulations which occur on the premises so served. Personal participation by the customer in any such violations shall not be necessary to impose such personal responsibility on him. (1997 Code, § 18-119)

18-120. Supply and resale of water. All water shall be supplied within the town exclusively by the town and no customer shall, directly or indirectly, sell, sublet, assign, or otherwise dispose of the water or any part thereof except with written permission from the town. (1997 Code, § 18-120)

18-121. Unauthorized use of or interference with water supply. No person shall turn on or turn off any of the town's stop cocks, valves, hydrants, spigots, or fire plugs without permission or authority from the town. (1997 Code, § 18-121)

18-122. Limited use of unmetered private fire line. Where a private fire line is not metered, no water shall be used from such line or from any fire hydrant thereon, except to fight fire or except when being inspected in the presence of an authorized agent of the town.

All private fire hydrants shall be sealed by the town, and shall be inspected at regular intervals to see that they are in proper condition and that no water is being used therefrom in violation of these rules and regulations. When the seal is broken on account of fire, or for any other reason, the customer taking such service shall immediately give the town a written notice of such occurrence. (1997 Code, § 18-122)

18-123. Damages to property due to water pressure. The town shall not be liable to any customer for damages caused to his plumbing or property by high pressure, low pressure, or fluctuations in pressure in the town's water mains. (1997 Code, § 18-123)

18-124. Liability for cutoff failures. The town's liability shall be limited to the forfeiture of the right to charge a customer for water that is not used but is received from a service line under any of the following circumstances:

(1) After receipt of at least ten (10) days' written notice to cut off water service, the town has failed to cut off such service.

(2) The town has attempted to cut off a service but such service has not been completely cut off.

(3) The town has completely cut off a service, but subsequently, the cutoff develops a leak or is turned on again so that water enters the customer's pipes from the town's main.

Except to the extent stated above, the town shall not be liable for any loss or damage resulting from cutoff failures. If a customer wishes to avoid possible damage for cutoff failures, the customer shall rely exclusively on privately owned cutoffs and not on the town's cutoff. Also, the customer (and not the town) shall be responsible for seeing that his plumbing is properly drained and is kept properly drained, after his water service has been cut off. (1997 Code, § 18-124)

18-125. Restricted use of water. In times of emergencies or in times of water shortage, the town reserves the right to restrict the purposes for which water may be used by a customer and the amount of water which a customer may use. (1997 Code, § 18-125)

18-126. Interruption of service. The town will endeavor to furnish continuous water service, but does not guarantee to the customer any fixed pressure or continuous service. The municipality shall not be liable for any damages for any interruption of service whatsoever.

In connection with the operation, maintenance, repair, and extension of the town water and sewer systems, the water supply may be shut off without notice when necessary or desirable, and each customer must be prepared for such emergencies. The town shall not be liable for any damages from such

interruption of service or for damages from the resumption of service without notice after any such interruption. (1997 Code, § 18-126)

18-127. Schedule of rates. The following read to the nearest multiple of 100 gallons, shall be schedule of monthly charges for water, with no water being supplied free of charge, furnished within the corporate limits of the Town of Englewood by the waterworks of said town, to wit:

Effective July 1, 2003, inside the corporate limits.

First 2,500 gallons	\$5.98 (minimum bill) 3/4" meter \$23.90 (minimum bill) 2" meter \$86.17 (minimum bill) 4" meter
All over 2,500 gallons	\$3.78 per 1,000 gallons

Effective July 1, 2004, inside the corporate limits.

First 2,500 gallons	\$6.10 (minimum bill) 3/4" meter \$24.38 (minimum bill) 2" meter \$87.89 (minimum bill) 4" meter
All over 2,500 gallons	\$3.86 per 1,000 gallons

Effective July 1, 2005, inside the corporate limits.

First 2,500 gallons	\$6.22 (minimum bill) 3/4" meter \$24.87 (minimum bill) 2" meter \$89.65 (minimum bill) 4" meter
All over 2,500 gallons	\$3.94 per 1,000 gallons

Effective July 1, 2006, inside the corporate limits.

First 2,500 gallons	\$6.34 (minimum bill) 3/4" meter \$25.37 (minimum bill) 2" meter \$91.44 (minimum bill) 4" meter
All over 2,500 gallons	\$4.02 per 1,000 gallons

Effective July 1, 2007, inside the corporate limits.

First 2,500 gallons	\$6.47 (minimum bill) 3/4" meter \$25.88 (minimum bill) 2" meter \$93.27 (minimum bill) 4" meter
All over 2,500 gallons	\$4.10 per 1,000 gallons

Effective July 1, 2008, inside the corporate limits.

First 2,500 gallons	\$6.60 (minimum bill) 3/4" meter
	\$26.40 (minimum bill) 2" meter
	\$95.14 (minimum bill) 4" meter
All over 2,500 gallons	\$4.18 per 1,000 gallons

The rate for water and services supplied for service outside the corporate limits of the town shall be an amount equal to two hundred percent (200%) of the charge for similar water and services supplied within the corporate limits of the town.

The charge for service rendered by the waterworks system to each automatic sprinkler system (said service to include the water consumed in the proper use of such system, without additional charge therefor) shall be at the rate of five dollars (\$5.00) per month. Such charge shall be due and payable with the monthly billing water services. (1997 Code, § 18-127)

CHAPTER 2**WASTEWATER REGULATIONS¹****SECTION**

- 18-201. Purpose and policy.
- 18-202. Definitions.
- 18-203. Connection to public sewers.
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- 18-205. Private domestic wastewater disposal.
- 18-206. Regulation of holding tank waste disposal or trucked in waste.
- 18-207. Discharge regulations.
- 18-208. Application for domestic wastewater connection.
- 18-209. Industrial user monitoring, inspection reports, records access, and safety.
- 18-210. Enforcement and abatement.
- 18-211. Fees and billing.
- 18-212. Validity.

18-201. Purpose and policy. This chapter sets forth uniform requirements for the disposal of wastewater in the service area of the Town of Englewood, Tennessee, wastewater treatment system. The objectives of this chapter are:

- (1) To protect the public health;
- (2) To provide problem free wastewater collection and treatment service;
- (3) To prevent the introduction of pollutants into the municipal wastewater treatment system, which will interfere with the system operation, which will cause the system discharge to violate its National Pollutant Discharge Elimination System (NPDES) permit or other applicable state requirements, or which will cause physical damage to the wastewater treatment system facilities;
- (4) To provide for full and equitable distribution of the cost of the wastewater treatment system;
- (5) To enable the town to comply with the provisions of the Federal Water Pollution Control Act and the Tennessee Water Quality Control Act;
- (6) To improve the opportunity to recycle and reclaim wastewaters and sludges from the wastewater treatment system.

¹Municipal code references

Building, utility and housing codes: title 12.

Refuse disposal: title 17.

In meeting these objectives, this chapter provides that all persons in the service area of the town must have adequate wastewater treatment either in the form of a connection to the municipal wastewater treatment system or, where the system is not available, an appropriate private disposal system. The chapter also provides for the regulations of wastewater discharge volume and characteristics, for monitoring and enforcement activities; and for the setting of fees for the full and equitable distribution of costs resulting from the operation, maintenance, and capital recovery of the wastewater treatment system and from other activities required by the enforcement and administrative program established herein.

This chapter shall apply to the town and to persons outside the town who are, by contract or agreement with the town, users of the municipal wastewater treatment system. Except as otherwise provided herein, the superintendent of the town shall administer, implement, and enforce the provisions of this chapter. (Ord. #04-10-06-72, May 2006)

18-202. Definitions. Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated:

(1) "Act" or "the Act." The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended 33 U.S.C. 1251, *et seq.*

(2) "Approval authority." The Tennessee Department of Environment and Conservation, Division of Water Pollution Control.

(3) "Authorized representative of industrial user." An authorized representative of an industrial user may be:

(a) A principal executive officer of at least the level of vice-president, if the industrial user is a corporation;

(b) A general partner or proprietor if the industrial user is a partnership or proprietorship, respectively;

(c) A duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the indirect discharge originates.

(4) "Biochemical Oxygen Demand (BOD)." The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure for five (5) days at 20⁰ centigrade expressed in terms of weight and concentration (milligrams per liter (mg/l)).

(5) "Building sewer." A sewer conveying wastewater from the premises of a user to the publicly owned sewer collection system.

(6) "Categorical standards." The National Categorical Pretreatment Standards or pretreatment standard.

(7) "Commissioner." The commissioner of environment and conservation or the commissioner's duly authorized representative and, in the event of the commissioner's absence or a vacancy in the office of commissioner, the deputy commissioner.

(8) "Compatible pollutant." Shall mean BOD, suspended solids, pH, fecal coliform bacteria, and such additional pollutants as are now or may in the future be specified and controlled in the town's NPDES permit for its wastewater treatment works where sewer works have been designed and used to reduce or remove such pollutants.

(9) "Composite sample." A sample composed of two (2) or more discrete samples. The aggregate sample will reflect the average water quality covering the composting or sample period.

(10) "Control authority." The term "control authority" shall refer to the "approval authority," defined herein above; or the local hearing authority if the town has an approved pretreatment program under the provisions of 40 CFR 403.11.

(11) "Cooling water." The water discharge from any use such as air conditioning, cooling, or refrigeration, or to which the only pollutant added is heat.

(12) "Customer." Any individual, partnership, corporation, association, or group who receives sewer service from the town under either an express or implied contract requiring payment to the town for such service.

(13) "Direct discharge." The discharge of treated or untreated wastewater directly to the waters of the State of Tennessee.

(14) "Domestic wastewater." Wastewater that is generated by a single family, apartment or other dwelling unit or dwelling unit equivalent or commercial establishment containing sanitary facilities for the disposal of wastewater and used for residential or commercial purposes only.

(15) "Environmental Protection Agency" or "EPA." The U.S. Environmental Protection Agency, or where appropriate, the term may also be used as a designation for the administrator or other duly authorized official of the said agency.

(16) "Garbage." Solid wastes generated from any domestic, commercial or industrial source.

(17) "Grab sample." A sample which is taken from a waste stream on a one-time basis with no regard to the flow in the waste stream and is collected over a period of time not to exceed fifteen (15) minutes. Grab sampling procedure: Where composite sampling is not an appropriate sampling technique, a grab sample(s) shall be taken to obtain influent and effluent operational data. Collection of influent grab samples should precede collection of effluent samples by approximately one (1) detention period. The detention period is to be based on a twenty-four (24) hour average daily flow value. The average daily flow used will be based upon the average of the daily flows during the same month of the previous year. Grab samples will be required, for example, where the parameters being evaluated are those, such as cyanide and phenol, which may not be held for any extended period because of biological, chemical or physical interactions which take place after sample collection and affect the results.

(18) "Grease interceptor." An interceptor whose rated flow is fifty (50) g.p.m. or less and is generally located inside the building.

(19) "Grease trap." An interceptor whose rated flow is fifty (50) g.p.m. or more and is located outside the building.

(20) "Holding tank waste." Any waste from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.

(21) "Incompatible pollutant." Any pollutant which is not a "compatible pollutant" as defined in this section.

(22) "Indirect discharge." The discharge or the introduction of non-domestic pollutants from any source regulated under section 307(b) or (c) of the Act, (33 U.S.C. 1317), into the POTW (including holding tank waste discharged into the system).

(23) "Industrial user." A source of indirect discharge which does not constitute a "discharge of pollutants" under regulations issued pursuant to section 402 of the Act (33 U.S.C. 1342).

(24) "Industrial wastes." Any liquid, solid, or gaseous substance, or combination thereof, or form of energy including heat, resulting from any process of industry, manufacture, trade, food processing or preparation, or business or from the development of any natural resource.

(25) "Interceptor." A device designed and installed to separate and retain for removal, by automatic or manual means, deleterious, hazardous or undesirable matter from normal wastes, while permitting normal sewage or waste to discharge into the drainage system by gravity.

(26) "Interference." The inhibition or disruption of the municipal wastewater processes or operations which contributes to a violation of any requirement of the town's NPDES permit. The term includes prevention of sewage sludge use or disposal by the POTW in accordance with 405 of the Act, (33 U.S.C. 1345) or any criteria including 40 CFR 503, guidelines, or regulations developed pursuant to the Solid Waste Disposal Act (SWDA), Rules and Regulations of the State of Tennessee, chapter 1200-1-7 (solid waste processing and disposal), the Clean Air Act, the Toxic Substances Control Act, or more stringent state criteria (including those contained in any state sludge management plan prepared pursuant to title IV of SWDA) applicable to the method of disposal or use employed by the municipal wastewater treatment system.

(27) "Local administrative officer." (Reserved for future use.)

(28) "Local hearing authority." (Reserved for future use.)

(29) "National categorical pretreatment standard" or "pretreatment standard." Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with section 307(b) and (c) of the Act (33 U.S.C. 1347) which applies to a specific category of industrial users.

(30) "NAICS, North American Industrial Classification System." A system of industrial classification jointly agreed upon by Canada, Mexico and

the United States. It replaces the Standard Industrial Classification (SIC) system.

(31) "New source." Any source, the construction of which is commenced after the publication of proposed regulations prescribing a section 307(c) (33 U.S.C. 1317) categorical pretreatment standard which will be applicable to such source, if such standard is thereafter promulgated within one hundred twenty (120) days of proposal in the Federal Register. Where the standard is promulgated later than one hundred twenty (120) days after proposal, a new source means any source, the construction of which is commenced after the date of promulgation of the standard.

(32) "NPDES (National Pollution Discharge Elimination System)." The program for issuing, conditioning, and denying permits for the discharge of pollutants from point sources into navigable waters, the contiguous zone, and the oceans pursuant to section 402 of the Federal Water Pollution Control Act as amended.

(33) "Person." Any individual, partnership, co-partnership, firm, industry, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents, or assigns. The masculine gender shall include the feminine and the singular shall include the plural where indicated by the context.

(34) "pH." The logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.

(35) "Pollution." The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.

(36) "Pollutant." Any dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharge into water.

(37) "POTW treatment plant." That portion of the POTW designed to provide treatment to wastewater.

(38) "Pretreatment" or "treatment." The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW. The reduction or alteration can be obtained by physical, chemical, biological processes, or process changes or other means, except through dilution as prohibited by 40 CFR section 403.6(d).

(39) "Pretreatment coordinator." The person designated by the local administrative officer or his authorized representative to supervise the operation of the pretreatment program.

(40) "Pretreatment requirements." Any substantive or procedural requirement related to pretreatment other than a national pretreatment standard imposed on an industrial user.

(41) "Publicly Owned Treatment Works (POTW). A treatment works as defined by section 212 of the Act, (33 U.S.C. 1292) which is owned in this instance by the municipality (as defined by section 502(4) of the Act). This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant. The term also means the municipality as defined in section 502(4) of the Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.

(42) "Shall" is mandatory; "may" is permissive.

(43) "Significant industrial user." The term significant industrial user means:

(a) All industrial users subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; and

(b) Any other industrial user that: discharges an average of twenty five thousand (25,000) gallons per day or more of process wastewater to the POTW (excluding sanitary, non-contact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the POTW treatment plan; or is designated as such by the control authority as defined in 40 CFR 403.12(a) on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

(44) "Significant noncompliance." (Reserved for future use.)

(45) "Slug." Any discharge at a flow rate or concentration which could cause a violation of the prohibited discharge standards in § 18-207 of this chapter or any discharge of a non-routine, episodic nature, including but not limited to, an accidental spill or a non-customary batch discharge.

(46) "Standard Industrial Classification (SIC)." A classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1972.

(47) "State." State of Tennessee.

(48) "Storm sewer" or "storm drain." A pipe or conduit which carries storm and surface waters and drainage, but excludes sewage and industrial wastes. It may, however, carry cooling waters and unpolluted waters, upon approval of the superintendent.

(49) "Storm water." Any flow occurring during or following any form of natural precipitation and resulting therefrom.

(50) "Superintendent." The local administrative officer or person designated by him to supervise the operation of the publicly owned treatment works and who is charged with certain duties and responsibilities by this chapter, or his duly authorized representative.

(51) "Suspended solids." The total suspended matter that floats on the surface of, or is suspended in, water, wastewater, or other liquids and that is removable by laboratory filtering.

(52) "Town." The Board of Commissioners of the Town of Englewood, Tennessee.

(53) "Toxic pollutant." Any pollutant or combination of pollutants listed as toxic in regulations published by the administrator of the Environmental Protection Agency under the provision of CWA 307(a) or other Acts.

(54) "Twenty-four (24) hour flow proportional composite sample." A sample consisting of several sample portions collected during a twenty-four (24) hour period in which the portions of a sample are proportioned to the flow and combined to form a representative sample.

(55) "User." The owner, tenant or occupant of any lot or parcel of land connected to a sanitary sewer, or for which a sanitary sewer line is available if a municipality levies a sewer charge on the basis of such availability.

(56) "Wastewater." The liquid and water-carried industrial or domestic wastes from dwellings, commercial buildings, industrial facilities, and institutions, whether treated or untreated, which is contributed into or permitted to enter the POTW.

(57) "Wastewater treatment systems." Defined the same as POTW.

(58) "Waters of the state." All streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems, and other bodies of accumulation of water, surface or underground, natural or artificial, public or private, that are contained within, flow through, or border upon the state or any portion thereof. (Ord. #04-10-06-72, May 2006)

18-203. Connection to public sewers. (1) Requirements for proper wastewater disposal. (a) It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the service area of the town, any human or animal excrement, garbage, or other objectionable waste.

(b) It shall be unlawful to discharge to any waters of the state within the service area of the town any sewage or other polluted waters, except where suitable treatment has been provided in accordance with provisions of this chapter.

(c) Except as herein provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.

(d) Except as provided in § 18-203(1)(e) below, the owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes situated within the service area in which there is now located or may in the future be located a public sanitary sewer, is hereby required at his expense to install suitable toilet facilities

therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of the chapter, within sixty (60) days after date of official notice to do so, provided that said public sewer is within five hundred (500) feet of the property line over public access.

(e) The owner of a manufacturing facility may discharge wastewater to the waters of the state provided that he obtains an NPDES permit and meets all requirements of the Federal Clean Water Act, the NPDES permit, and any other applicable local, state, or federal statutes and regulations.

(f) Where a public sanitary sewer is not available under the provisions of § 18-203(1)(d) above, the building sewer shall be connected to a private sewage disposal system complying with the provisions of § 18-205 of this chapter.

(2) Physical connection to public sewer. (a) No person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof. The town shall make all connections to the public sewer upon the property owner first submitting a connection application from the superintendent as required by § 18-208 of this chapter.

The connection application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the superintendent. A connection fee shall be paid to the town at the time the application is filed.

(b) All costs and expenses incident to the installation, connection, and inspection of the building sewer shall be borne by the owner. The owner shall indemnify the town from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

(c) A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.

(d) Old building sewers may be used in connection with new buildings only when they are found on examination and tested by the superintendent to meet all requirements of this chapter. All others may be sealed to the specifications of the superintendent.

(e) Building sewers shall conform to the following requirements:

(i) The minimum size of a building sewer shall be as follows:

- (A) Conventional sewer system - four inches (4").
- (B) Small diameter gravity sewer-two inches (2").

(C) Septic tank effluent pump-one and one quarter inches (1¼").

Where the septic tanks become an integral part of the collection and treatment system, the minimum size influent line shall be four inches (4") and the minimum size of septic tank shall be one thousand (1,000) gallons. Septic tanks shall be constructed of water tight material and protected from flotation. The town shall have the right, privilege, and authority to locate, inspect, operate, and maintain septic tanks which are an integral part of the collection and treatment system.

(ii) The minimum depth of a building sewer shall be eighteen inches (18").

(iii) Building sewers shall be laid on the following grades:

(A) Four inch (4") sewers-1/8 inch per foot.

(B) Two inch (2") sewers - 3/8 inch per foot.

(C) Larger building sewers shall be laid on a grade that will produce a velocity when flowing full of at least two (2) feet per second.

(iv) Slope and alignment of all building sewers shall be neat and regular.

(v) Building sewers shall be constructed only of ductile iron pipe class 50 or above or polyvinyl chloride pipe schedule 40 or and SDR-21 or better. Joints shall be rubber or neoprene "O" ring compression joints or solvent welded. No other joints shall be acceptable.

(vi) A cleanout shall be located five (5) feet outside of the building, one as it crosses the property line and one at each change of direction of the building sewer which is greater than forty-five (45) degrees. Additional cleanouts shall be placed not more than seventy-five (75) feet apart in horizontal building sewers of six (6) inch nominal diameter and not more than one hundred (100) feet apart for larger pipes. Cleanouts shall be extended to or above the finished grade level directly above the place where the cleanout is installed. A "Y" (wye) and one-eighth (1/8) bend shall be used for the cleanout base. Cleanouts shall not be smaller than four (4) inches.

(vii) Connections of building sewers to the public sewer system shall be made only by the town and shall be made at the appropriate existing wyes or tee branch using compression type couplings or collar type rubber joint with stainless steel bands. Where existing wye or tee branches are not available, connections of building services shall be made by either removing a length of pipe and replacing it with a wye or tee fitting using flexible

neoprene adapters with stainless steel bands of a type approved by the superintendent. All such connections shall be made gastight and watertight.

(viii) The building sewer may be brought into the building below the basement floor when gravity flow from the building to the sanitary sewer is at a grade of one-eighth (1/8) inch per foot or more if possible. In cases where basement or floor levels are lower than the ground elevation at the point of connection to the sewer, adequate precautions by installation of check valves or other backflow prevention devices to protect against flooding shall be provided by the owner. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by a step or grinder pump and discharged to the building sewer at the expense of the owner, pursuant to § 18-204.

(ix) The methods to be used in excavating, placing of pipe, jointing, testing, backfilling the trench, or other activities in the construction of a building sewer which have not been described above shall conform to the requirements of the building and plumbing code or other applicable rules and regulations of the town or to the procedures set forth in appropriate specifications of the ASTM and Water Environment Federation Manual of Practice FD-5. Any deviation from the prescribed procedures and materials must be approved by the superintendent before installation.

(x) An installed building sewer shall be gastight and watertight.

(f) All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the town.

(g) No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, basement drains, sump pumps, or other sources of surface runoff or groundwater to a building directly or indirectly to a public sanitary sewer.

(h) Inspection of connections. (i) The sewer connection and all building sewers from the building to the public sewer main line shall be inspected before the underground portion is covered, by the superintendent or his authorized representative.

(ii) The applicant for discharge shall notify the superintendent when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the superintendent or his representative.

(3) Maintenance of building sewers. Each individual property owner shall be entirely responsible for the construction, maintenance, repair or replacement of the building sewer as deemed necessary by the superintendent to meet specifications of the town. Owners failing to maintain or repair building sewers or who allow storm water to enter the sanitary sewer may face enforcement action by the superintendent up to and including discontinuation of water and sewer service.

(4) Sewer extensions. All expansion or extension of the public sewer constructed by property owners or developers must follow policies and procedures developed by the town. In the absence of policies and procedures the expansion or extension of the public sewer must be approved in writing by the superintendent or manager of the wastewater collection system. All plans and construction must follow the latest edition of Tennessee Design Criteria for Sewerage Works. Contractors must provide the superintendent or manager with documentation that all mandrel, pressure and vacuum tests as specified in design criteria were acceptable prior to use of the lines. Contractor's one year warranty period begins with occupancy or first permanent use of the lines. Contractors are responsible for all maintenance and repairs during the warranty period and final inspections as specified by the superintendent or manager. The superintendent or manager must give written approval to the contractor to acknowledge transfer of ownership to the town. Failure to construct or repair lines to acceptable standards could result in denial or discontinuation of sewer service. (Ord. #04-10-06-72, May 2006)

18-204. Septic tank effluent pump or grinder pump wastewater systems. When connection of building sewers to the public sewer by gravity flow lines is impossible due to elevation differences or other encumbrances, Septic Tank Effluent Pump (STEP) or Grinder Pump (GP) systems may be installed subject to the regulations of the town board.

(1) Equipment requirements. (a) Septic tanks shall be of water tight construction and must be approved by the town.

(b) Pumps must be approved by the town and shall be maintained by the town.

(2) Installation requirements. Location of tanks, pumps, and effluent lines shall be subject to the approval of the town. Installation shall follow design criteria for STEP and GP systems as provided by the superintendent.

(3) Costs. STEP and GP equipment for new construction shall be purchased and installed at the developer's, homeowner's, or business owner's expense according to the specification of the town and connection will be made to the town sewer only after inspection and approval of the town.

(4) Ownership and easements. Homeowners or developers shall provide the town with ownership and an easement. Access by the town to the STEP and GP system must be guaranteed to operate, maintain, repair, restore

service, and remove sludge. Access manholes, ports, and electrical disconnects must not be locked, obstructed or blocked by landscaping or construction.

(5) Use of STEP and GP systems. (a) Home or business owners shall follow the STEP and GP users guide provided by the superintendent.

(b) Home or business owners shall provide an electrical connection that meets specifications and shall provide electrical power.

(c) Home or business owners shall be responsible for maintenance drain lines from the building to the STEP and GP tank.

(d) Prohibited uses of the STEP and GP system:

(i) Connection of roof guttering, sump pumps or surface drains.

(ii) Disposal of toxic household substances.

(iii) Use of garbage grinders or disposers.

(iv) Discharge of pet hair, lint, or home vacuum water.

(v) Discharge of fats, grease, and oil.

(6) Tank cleaning. Solids removal from the septic tank shall be the responsibility of the town. However, pumping required more frequently than once every five (5) years shall be billed to the homeowner.

(7) Additional charges. The town shall be responsible for maintenance of the STEP and GP equipment. Repeat service calls for identical problems shall be billed to the homeowner or business at a rate of no more than the actual cost of the service call. (Ord. #04-10-06-72, May 2006)

18-205. Private domestic wastewater disposal. (1) Availability.

(a) Where a public sanitary sewer is not available under the provisions of § 18-203(1)(d), the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this section.

(b) Any residence, office, recreational facility, or other establishment used for human occupancy where the building drain is below the elevation to obtain a grade equivalent to one-eighth (1/8) inch per foot in the building sewer but is otherwise accessible to a public sewer as provided in § 18-203, the owner shall provide a private sewage pumping station as provided in § 18-203(2)(e)(viii).

(c) Where a public sewer becomes available, the building sewer shall be connected to said sewer within sixty (60) days after date of official notice from the town to do so.

(2) Requirements. (a) A private domestic wastewater disposal system may not be constructed within the service area unless and until a certificate is obtained from the superintendent stating that a public sewer is not accessible to the property and no such sewer is proposed for construction in the immediate future. No certificate shall be issued for any private domestic wastewater disposal system employing subsurface

soil absorption facilities where the area of the lot is less than that specified by the county health department.

(b) Before commencement of construction of a private sewage disposal system the owner shall first obtain written permission from the town and the county health department. The owner shall supply any plans, specifications, and other information as are deemed necessary by the town and the county health department.

(c) A private sewage disposal system shall not be placed in operation until the installation is completed to the satisfaction of the town and the county health department. They shall be allowed to inspect the work at any stage of construction and the owner shall notify the town and the county health department when the work is ready for final inspection, before any underground portions are covered. The inspection shall be made within a reasonable period of time after the receipt of notice by the town and the county health department.

(d) The type, capacity, location, and layout of a private sewage disposal system shall comply with all recommendations of the Tennessee Department of Environment and Conservation, the town and the county health department. No septic tank or cesspool shall be permitted to discharge to waters of Tennessee.

(e) The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, at no expense to the town. When the public sewer becomes available, the building sewer, or the septic tank effluent line shall be connected to the public sewer within sixty (60) days of the date of availability and the private sewage disposal system should be cleaned of sludge and if no longer used as a part of the town's treatment system, filled with suitable material.

(f) No statement contained in this chapter shall be construed to interfere with any additional or future requirements that may be imposed by the town and the county health department. (Ord. #04-10-06-72, May 2006)

18-206. Regulation of holding tank waste disposal or trucked in waste. (1) No person, firm, association or corporation shall haul in or truck in to the POTW any type of domestic, commercial or industrial waste unless such person, firm, association, or corporation obtains a permit from the town to perform such acts or services.

Any person, firm, association, or corporation desiring a permit to perform such services shall file an application on the prescribed form. Upon any such application, said permit shall be issued by the superintendent when the conditions of this chapter have been met and providing the superintendent is satisfied the applicant has adequate and proper equipment to perform the services contemplated in a safe and competent manner.

(2) Fees. For each permit issued under the provisions of this chapter the applicant shall agree in writing by the provisions of this section and pay an annual service charge to the town to be set as specified in § 18-312. Any such permit granted shall be for a specified period of time, and shall continue in full force and effect from the time issued until the expiration date, unless sooner revoked, and shall be nontransferable. The number of the permit granted hereunder shall be plainly painted in three (3) inch permanent letters on each side of each motor vehicle used in the conduct of the business permitted hereunder.

(3) Designated disposal locations. The superintendent shall designate approved locations for the emptying and cleansing of all equipment used in the performance of the services rendered under the permit herein provided for, and it shall be a violation hereof for any person, firm, association or corporation to empty or clean such equipment at any place other than a place so designated. The superintendent may refuse to accept any truckload of waste at his absolute discretion where it appears that the waste could interfere with the operation of the POTW.

(4) Revocation of permit. Failure to comply with all the provisions of the permit or this chapter shall be sufficient cause for the revocation of such permit by the superintendent. The possession within the service area by any person of any motor vehicle equipped with a body type and accessories of a nature and design capable of serving a septic tank of wastewater or excreta disposal system cleaning unit shall be prima facie evidence that such person is engaged in the business of cleaning, draining, or flushing septic tanks or other wastewater or excreta disposal systems within the service area of the Town of Englewood.

(5) Trucked in waste. This part includes waste from trucks, railcars, barges, etc., or temporarily pumped waste, all of which are prohibited without a permit issued by the superintendent. This approval may require testing, flow monitoring and record keeping. (Ord. #04-10-06-72, May 2006)

18-207. Discharge regulations. (1) General discharge prohibitions. No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will pass through or interfere with the operation and performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to national categorical pretreatment standards or any other national, state, or local pretreatment standards or requirements. Violations of these general and specific prohibitions or the provisions of § 18-207 may result in the discontinuance of water and/or sewer service and other fines and provisions of § 18-210. A user may not contribute the following substances to any POTW:

(a) Any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other

way to the POTW or to the operation of the POTW. At no time, shall two (2) successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system) be more than five percent (5%) nor any single reading over twenty percent (20%) of the lower explosive limit (LEL) of the meter. Prohibited flammable materials including, but not limited to, wastestreams with a closed cap flash point of less than 140° F or 60° C using the test methods specified in 40 CFR 261.21. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromate, carbides, hydrides and sulfides and any other substances which the town, the state or EPA has notified the user is a fire hazard or a hazard to the system.

(b) Any wastewater having a pH less than 5.5 or higher than 9.5 or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the POTW.

(c) Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities including, but not limited to: grease, garbage with particles greater than one-half inch ($\frac{1}{2}$ ") in any dimension, waste from animal slaughter, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, mud, or glass grinding or polishing wastes.

(d) Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or pollutant concentration which will cause interference to the POTW.

(e) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems.

(f) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.

(g) Any wastewater containing any toxic pollutants, chemical elements, or compounds in sufficient quantity, either singly or by interaction process, constitute a hazard to humans, including wastewater plant and collection system operators, or animals, create a toxic effect in the receiving waters of the POTW, or to exceed the limitation set forth in a categorical pretreatment standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to section 307(a) of the Act.

(h) Any trucked or hauled pollutants except at discharge points designated by the POTW.

(i) Any substance which may cause the POTW's effluent or any other product of the POTW such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case, shall a substance discharged to the POTW cause the POTW to be in non-compliance with sludge use or disposal criteria, 40 CFR 503, guidelines, or regulations developed under section 405 of the Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or state criteria applicable to the sludge management method being used.

(j) Any substances which will cause the POTW to violate its NPDES permit or the receiving water quality standards.

(k) Any wastewater causing discoloration of the wastewater treatment plant effluent to the extent that the receiving stream water quality requirements would be violated, such as, but not limited to, dye wastes and vegetable tanning solutions.

(l) Any wastewater having a temperature which will inhibit biological activity in the POTW treatment plant resulting in interference, but in no case wastewater with a temperature at the introduction into the POTW which exceeds 40° C (104° F).

(m) Any waters or wastes causing an unusual volume of flow or concentration of waste constituting "slug" as defined herein.

(n) Any waters containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the superintendent in compliance with applicable state or federal regulations.

(o) Any wastewater which causes a hazard to human life or creates a public nuisance.

(p) Any waters or wastes containing fats, wax, grease, or oil, whether emulsified or not, which cause accumulations of solidified fat in pipes, lift stations and pumping equipment, or interfere at the treatment plant.

(q) Any stormwater, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the superintendent and the Tennessee Department of Environment and Conservation. Industrial cooling water or unpolluted process waters may be discharged on approval of the superintendent and the Tennessee Department of Environment and Conservation, to a storm sewer or natural outlet.

(2) Restrictions on wastewater strength. (Reserved for future use.)

(3) Fats, oils and grease traps and interceptors. (a) Fat, Oil, and Grease (FOG), waste food, and sand interceptors. FOG, waste food and

sand interceptors shall be provided when, in the opinion of the superintendent, they are necessary for the proper handling of liquid wastes containing fats, oils, and grease, any flammable wastes, ground food waste, sand, soil, and solids, or other harmful ingredients in excessive amount which impact the wastewater collection system. Such interceptors shall not be required for single family residences, but may be required on multiple family residences. All interceptors shall be of a type and capacity approved by the superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection.

(b) Fat, oil, grease, and food waste. (i) New construction and renovation. Upon construction or renovation, all restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants and any other sewer users who discharge applicable waste shall submit a FOG and food waste control plan that will effectively control the discharge of FOG and food waste.

(ii) Existing structures. All existing restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants and any other sewer users who discharge applicable waste shall be required to submit a plan for control of FOG and food waste, if and when the superintendent determines that FOG and food waste are causing excessive loading, plugging, damage or potential problems to structures or equipment in the public sewer system.

(iii) Implementation of plan. After approval of the FOG plan by the superintendent the sewer user must:

(A) Implement the plan within a reasonable amount of time;

(B) Service and maintain the equipment in order to prevent adverse impact upon the sewer collection system and treatment facility. If in the opinion of the superintendent the user continues to impact the collection system and treatment plan, additional pretreatment may be required, including a requirement to meet numeric limits and have surcharges applied.

(c) Sand, soil, and oil interceptors. All car washes, truck washes, garages, service stations and other sources of sand, soil, and oil shall install effective sand, soil, and oil interceptors. These interceptors shall be sized to effectively remove sand, soil, and oil at the expected flow rates. The interceptors shall be cleaned on a regular basis to prevent impact upon the wastewater collection and treatment system. Owners whose interceptors are deemed to be ineffective by the superintendent may be asked to change the cleaning frequency or to increase the size of

the interceptors. Owners or operators of washing facilities will prevent the inflow of rainwater into the sanitary sewers.

(d) **Laundries.** Commercial laundries shall be equipped with an interceptor with a wire basket or similar device, removable for cleaning, that prevents passage into the sewer system of solids one half (½) inch or larger in size such as strings, rags, buttons, or other solids detrimental to the system.

(e) **Control equipment.** The equipment of facilities installed to control FOG, food waste, sand and soil, must be designed in accordance with the Tennessee Department of Environment and Conservation engineering standards. Underground equipment shall be tightly sealed to prevent inflow of rainwater and easily accessible to allow regular maintenance. Control equipment shall be maintained by the owner or operator of the facility so as to prevent a stoppage of the public sewer, and the accumulation of FOG in the lines, pump stations and treatment plant. If the town is required to clean out the public sewer lines as a result of a stoppage resulting from poorly maintained control equipment, the property owner shall be required to refund the labor, equipment, materials and overhead costs to the town. Nothing in this subsection shall be construed to prohibit or restrict any other remedy the town has under this chapter, or state or federal law.

The town retains the right to inspect and approve installation of control equipment.

(4) Protection of treatment plant influent. (Reserved for future use.)

(5) Federal categorical pretreatment standards. (Reserved for future use.)

(6) Right to establish more restrictive criteria. No statement in this chapter is intended or may be construed to prohibit the town from establishing specific wastewater discharge criteria more restrictive where wastes are determined to be harmful or destructive to the facilities of the POTW or to create a public nuisance, or to cause the discharge of the POTW to violate effluent or stream quality standards, or to interfere with the use or handling of sludge, or to pass through the POTW resulting in a violation of the NPDES permit, or to exceed industrial pretreatment standards for discharge to municipal wastewater treatment systems as imposed or as may be imposed by the Tennessee Department of Environment and Conservation and/or the United States Environmental Protection Agency.

(7) Accidental discharges. (Reserved for future use.)
(Ord. #04-10-06-72, May 2006)

18-208. Application for domestic wastewater connection.

(1) Application for discharge of domestic wastewater. All users or prospective users which generate domestic wastewater shall make application to the superintendent for connection to the municipal wastewater treatment

system. Application shall be required from all new dischargers as well as for any existing discharger desiring additional service. Connection to the town sewer shall not be made until the application is received and approved by the superintendent, the building sewer is installed in accordance with § 18-201 of this chapter and an inspection has been performed by the superintendent or his representative.

The receipt by the town of a prospective customer's application for connection shall not obligate the town to render the connection. If the service applied for cannot be supplied in accordance with this chapter and the town's rules and regulations and general practice, the connection charge will be refunded in full, and there shall be no liability of the town to the applicant for such service.

(2) Industrial wastewater discharge permits. Significant industrial users who require an industrial pretreatment permit can only become users of the Englewood Sewer System upon development of a pretreatment program and approval by the State of Tennessee.

(3) Confidential information. (Reserved for future use.)
(Ord. #04-10-06-72, May 2006)

18-209. Industrial user monitoring, inspection reports, records access, and safety. (Reserved for future use.) (Ord. #04-10-06-72, May 2006)

18-210. Enforcement and abatement. Violators of these wastewater regulations may be cited to town court, have water and sewer service terminated or the town may seek future remedies as needed to protect the collection system, treatment plant, receiving stream and public health. Upon notice by the superintendent that a violation has or is occurring the user shall immediately take steps to stop or correct the violation. The town may take any or all of the following remedies:

(1) Cite the user to town court, where each day of violation shall constitute a separate offense.

(2) In an emergency situation where the superintendent has determined that immediate action is needed to protect the public health, safety or welfare, a public water supply or the facilities of the sewerage system, the superintendent may disconnect sewer and water service.

(3) Further remedies as needed to protect the public health, safety or welfare, a public water supply or the facilities of the sewerage system.
(Ord. #04-10-06-72, May 2006)

18-211. Fees and billing. (1) Purpose. It is the purpose of this chapter to provide for the equitable recovery of costs from users of the town's wastewater treatment system including costs of operation, maintenance, administration, bond service costs, capital improvements, depreciation, and equitable cost recovery of EPA administered federal wastewater grants.

(2) Types of charges and fees. The charges and fees as established in the town's schedule of charges and fees may include but are not limited to:

- (a) Inspection fee and tapping fee;
- (b) Fees for applications for discharge;
- (c) Sewer use charges;
- (d) Fee for development of an industrial pretreatment program;
- (e) Other fees as the town may deem necessary.

(3) Fees for application for discharge. A fee may be charged when a user or prospective user makes application for discharge as required by § 18-208 of this chapter.

(4) Inspection fee and tapping fee. An inspection fee and tapping fee for a building sewer installation shall be paid to the town's sewer department at the time the application is filed.

(5) Sewer user charges.¹ The board of commissioners shall establish monthly rates and charges for the use of the wastewater system and for the services supplied by the wastewater system. (Ord. #04-10-06-72, May 2006)

18-212. Validity. This chapter and its provisions shall be valid for all service areas, regions, and sewage works under the jurisdiction of the town. (Ord. #04-10-06-72, May 2006)

¹Such rates are reflected in administrative ordinances or resolutions, which are of record in the office of the town recorder.

CHAPTER 3

CROSS CONNECTIONS, AUXILIARY INTAKES, ETC.¹

SECTION

- 18-301. Definitions.
- 18-302. Standards.
- 18-303. Construction, operation, and supervision.
- 18-304. Statement required.
- 18-305. Inspections required.
- 18-306. Right of entry for inspections.
- 18-307. Correction of existing violations.
- 18-308. Use of protective devices.
- 18-309. Unpotable water to be labeled.
- 18-310. Violations.

18-301. Definitions. The following definitions and terms shall apply in the interpretation and enforcement of this chapter:

(1) "Public water supply." The waterworks system furnishing water to the Town of Englewood for general use and which supply is recognized as the public water supply by the Tennessee Department of Environment and Conservation.

(2) "Cross connection." Any physical connection whereby the public water supply is connected with any other water supply system, whether public or private, either inside or outside of any building or buildings, in such manner that a flow of water into the public water supply is possible either through the manipulation of valves or because of ineffective check or back-pressure valves, or because of any other arrangement.

(3) "Auxiliary intake." Any piping connection or other device whereby water may be secured from a source other than that normally used.

(4) "Bypass." Any system of piping or other arrangement whereby the water may be diverted around any part or portion of a water purification plant.

(5) "Interconnection." Any system of piping or other arrangement whereby the public water supply is connected directly with a sewer, drain, conduit, pool, storage reservoir, or other device which does or may contain sewage or other waste or liquid which would be capable of imparting contamination to the public water supply.

¹Municipal code references

Plumbing code: title 12.

Water and sewer system administration: title 18.

Wastewater treatment: title 18.

(6) "Person." Any and all persons, natural or artificial, including any individual firm or association, and any municipal or private corporation organized or existing under the laws of this or any other state or country. (1997 Code, § 18-401, modified)

18-302. Standards. The Town of Englewood Public Water Supply is to comply with Tennessee Code Annotated, §§ 68-221-701 through 68-221-720 as well as the Rules and Regulations for Public Water Supplies, legally adopted in accordance with this code, which pertain to cross connections, auxiliary intakes, bypasses, and interconnections, and establish an effective ongoing program to control these undesirable water uses. (1997 Code, § 18-402)

18-303. Construction, operation, and supervision. It shall be unlawful for any person to cause a cross connection, auxiliary intake, bypass, or interconnection to be made, or allow one to exist for any purpose whatsoever, unless the construction and operation of same have been approved by the Tennessee Department of Environment and Conservation and the operation of such cross connection, auxiliary intake, bypass or interconnection is at all times under the direct supervision of the Water System Superintendent of the Town of Englewood. (1997 Code, § 18-403, modified)

18-304. Statement required. Any person whose premises are supplied with water from the public water supply and who also has on the same premises a separate source of water supply, or stores water in an uncovered or unsanitary storage reservoir from which the water stored therein is circulated through a piping system, shall file with the Water System Superintendent of the Town of Englewood a statement of the non-existence of unapproved or unauthorized cross connections, auxiliary intakes, bypasses, or interconnections. Such statements shall also contain an agreement that no cross connection, auxiliary intake, bypass, or interconnection will be permitted upon the premises. (1997 Code, § 18-404)

18-305. Inspections required. It shall be the duty of the Town of Englewood Public Water Supply to cause inspections to be made of all properties served by the public water supply where cross connections with the public water supply are deemed possible. The frequency of inspections and reinspection, based on potential health hazards involved, shall be established by the Water System Superintendent of the Town of Englewood and as approved by the Tennessee Department of Environment and Conservation. (1997 Code, § 18-405, modified)

18-306. Right of entry for inspections. The water system superintendent or his authorized representative shall have the right to enter, at any reasonable time, any property served by a connection to the Town of

Englewood Public Water Supply for the purpose of inspecting the piping system or systems therein for cross connections, auxiliary intakes, bypasses, or interconnections. On request, the owner, lessee, or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property. The refusal of such information or refusal of access, when requested, shall be deemed evidence of the presence of cross connections. (1997 Code, § 18-406)

18-307. Correction of existing violations. Any person who now has cross connections, auxiliary intakes, bypasses, or interconnections in violation of the provisions of this chapter shall be allowed a reasonable time within which to comply with the provisions of this chapter. After a thorough investigation of existing conditions and an appraisal of the time required to complete the work, the amount of time shall be designated by the Water System Superintendent of the Town of Englewood. (1997 Code, § 18-407)

18-308. Use of protective devices. Where the nature of use of the water supplied a premises by the water department is such that it is deemed:

- (1) Impractical to provide an effective air-gap separation.
- (2) That the owner and/or occupant of the premises cannot, or is not willing, to demonstrate to the official in charge of the system, or his designated representative, that the water use and protective features of the plumbing are such as to propose no threat to the safety or potability of the water supply.
- (3) That the nature and mode of operation within a premises are such that frequent alterations are made to the plumbing.
- (4) There is a likelihood that protective measures may be subverted, altered, or disconnected.

The Water System Superintendent of the Town of Englewood, or his designated representative, shall require the use of an approved protective device on the service line serving the premises to assure that any contamination that may originate in the customer's premises is contained therein. The protective device shall be a reduced pressure zone type backflow preventer approved by the Tennessee Department of Environment and Conservation as to manufacture, model, and size. The method of installation of backflow protective devices shall be approved by the Water System Superintendent of the Town of Englewood prior to installation and shall comply with the criteria set forth by the Tennessee Department of Environment and Conservation. The installation shall be at the expense of the owner or occupant of the premises.

The department shall have the right to inspect and test the device or devices on an annual basis or whenever deemed necessary by the water system superintendent or his designated representative. Water service shall not be disrupted to test the device without the knowledge of the occupant of the premises.

Where the use of water is critical to the continuance of normal operations or protection of life, property, or equipment, duplicate units shall be provided to avoid the necessity of discontinuing water service to test or repair the protective device or devices. Where only one unit has been installed and the continuance of service is critical, the water system superintendent shall notify, in writing, the occupant of the premises of plans to discontinue water service and arrange for a mutually acceptable time to test and/or repair the device. The water system shall require the occupant of the premises to make all repairs indicated promptly, and the expense of such repairs shall be borne by the owner or occupant of the premises. These repairs shall be made by qualified personnel acceptable to the Water System Superintendent of the Town of Englewood. (1997 Code, § 18-408, modified)

18-309. Unpotable water to be labeled. The potable water supply made available on the properties served by the public water supply shall be protected from possible contamination as specified herein. Any water outlet which could be used for potable or domestic purposes and which is not supplied by the potable system must be labeled in a conspicuous manner as:

WATER UNSAFE

FOR DRINKING

Minimum acceptable sign shall have black letters at least one-inch high located on a red background. (1997 Code, § 18-409)

18-310. Violations. Any person who neglects or refuses to comply with any of the provisions of this chapter shall be deemed guilty of a misdemeanor and, upon conviction therefor, shall be fined not less than ten dollars (\$10.00) nor more than one hundred dollars (\$100.00), and each day of continued violation after conviction shall constitute a separate offense. In addition to the foregoing fines and penalties, the Water System Superintendent of the Town of Englewood shall discontinue the public water supply service at any premises upon which there is found to be a cross-connection, auxiliary intake, by-pass, or inter-connection, and service shall not be restored until such cross-connection, auxiliary intake, by-pass, or inter-connection has been discontinued. (1997 Code, § 18-410)

CHAPTER 4**WATER AND SEWER LEAKS****SECTION**

18-401. Water leaks must be validated.

18-402. Adjustments

18-401. Water leaks must be validated. All water leaks must be validated by the Town of Englewood's maintenance department. (Ord. #11-14-05-69, Nov. 2005)

18-402. Adjustments. After water leaks are validated by the maintenance department, adjustments will be made by town hall personnel according to the following:

(1) Water leaks at the coupling on the customer's side of the meter--water and sewer will be adjusted one-half ($\frac{1}{2}$) bill of leak adjustment once every five (5) years.

(2) Water leaks located on the service line from meter to residence--sewer will be adjusted one-half ($\frac{1}{2}$) bill of leak adjustment once every five (5) years.

(3) Penalties incurred due to a water leak shall be waived for the time period that the leak occurred should the customer need to set up a payment plan with the town due to financial reasons.

(4) If a customer receives an adjustment due to a validated water leak, they will be not allowed to receive another adjustment for five (5) years from the date of the last adjustment.

(5) The adjustment will be for fifty percent (50%) of the bill once every five (5) years. (Ord. #11-14-05-69, Nov. 2005, modified)

CHAPTER 5**UTILITY CONNECTIONS****SECTION**

18-501. Building permit required.

18-502. Certificate of occupancy required.

18-501. Building permit required. It shall be unlawful for any utility department, company or corporation to connect utilities to any building or structure until the property owner has produced a valid building permit¹ signed by the town building inspector for that structure. (1997 Code, § 20-201)

18-502. Certificate of occupancy required. It shall be unlawful for any utility department, company or corporation to turn on water, electricity or gas or to furnish any service until the owner of such property has produced a valid certificate of occupancy signed by the town building inspector. (1997 Code, § 20-202)

¹Municipal code reference
Building code: title 12, chapter 1.

CHAPTER 6

PUBLIC UTILITIES COMMITTEE¹

SECTION

- 18-601. Creation.
- 18-602. Terms of committee members.
- 18-603. Organization of committee.
- 18-604. Duties of committee.
- 18-605. Meetings of committee.

18-601. Creation. There is created for the Town of Englewood a public utilities committee, referred to hereafter in this chapter as "committee," to consist of five (5) members which shall have the duty of advising and making recommendations to the board of commissioners on policy matters relating to the water and sewer system and the gas system. To be eligible for appointment to the committee a person shall be at least twenty-one (21) years old and:

(1) Shall have been a resident of the town for at least one (1) year next preceding the date of appointment; or

(2) Be a customer of the water and sewer system or the gas system, whether a resident or non-resident of the town. The office of any member ceasing to have the above qualifications shall become vacant. Except as provided in § 18-604 of this chapter, no officer or employee of the town shall be eligible for appointment or service on the committee. (1997 Code, § 20-101)

18-602. Terms of committee members. The board of commissioners shall by an affirmative vote of a majority of its entire membership appoint one of its members to the committee to serve concurrently with his term on the board of commissioners. No member shall vote for his own appointment. The other members of the committee shall be appointed by the board of commissioners by an affirmative vote of a majority of its entire membership, two (2) of the original appointees to serve from date of appointment and for two (2) years from the next succeeding July 1, and two (2) of the original appointees to serve from date of appointment and for four (4) years from the next succeeding July 1. Thereafter each successor to a retiring member of the committee shall be appointed for a term of four (4) years at the first regular meeting of the board of commissioners in June next preceding the expiration of the term of office of the retiring member. Vacancies of the committee shall be filled for the unexpired, term by the board of commissioners. Each member of the committee

¹Municipal code references

Electricity and gas: title 19.

Water and sewer: title 18, chapters 1 and 4.

shall qualify by taking the same oath required of the board of commissioners. Members of the committee shall serve without compensation. (1997 Code, § 20-102)

18-603. Organization of committee. The committee shall elect a chairman, and shall adopt rules for the conduct of its meetings which shall be binding on the committee until amended or abolished. The board of commissioners shall provide a meeting place, equipment and supplies for the committee. (1997 Code, § 20-101)

18-604. Duties of committee. After the appointment and organization of the committee, all matters coming before the board of commissioners concerning construction, improvement, acquisition, extension, expansion, operation and maintenance of the water and sewer system and the gas system shall first be referred to the committee for its study and recommendation, and no action shall be taken until the recommendation of the committee is received and considered, unless the committee shall fail to return a recommendation within ten days of referral of a matter to it. The committee may make recommendations on its own initiative in which case the board of commissioners may take action on such recommendations without referral to the committee except where the action of the board is contrary to the recommendations. (1997 Code, § 20-104)

18-605. Meetings of committee. The committee shall hold a meeting within three (3) days of any meeting of the board of commissioners at which any matter concerning the water and sewer system or the gas system has been referred to it. Notice of the meeting shall be given to each member by the recorder by first class mail. The date of referral shall be the day notice is postmarked. The committee may provide in its rules for the calling of special meetings. (1997 Code, § 20-105)