

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

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CHAPTER 1**WATER AND SEWER SYSTEM ADMINISTRATION****SECTION**

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18-101. Utility board. The Board of Mayor and Aldermen of the Town of Monteagle shall perform the duties as required of all boards under the authority of Tennessee Code Annotated, § 7-35-406 in reference to the water, sewer and gas service to the Town of Monteagle.

The Board of Mayor and Aldermen of the Town of Monteagle shall have all the powers, duties, and responsibilities imposed upon the municipal utility board by Tennessee Code Annotated, § 7-35-401, et seq., and all references to the utility board in the future shall refer to the Board of Mayor and Aldermen of the Town of Monteagle. (1989 Code, § 18-101)

18-102. Application and scope. The provisions of this chapter are a part of all contracts for receiving water and sewer service from the town and shall apply whether the service is based upon contract, agreement, signed application, or otherwise. (1989 Code, § 18-102)

18-103. Definitions. (1) "Customer" means any person, firm, or corporation who receives water and/or sewer service from the town under either an express or implied contract.

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

(3) "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.

(4) "Service line" shall consist of the pipe line extending from any water or sewer 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. (1989 Code, § 18-103)

18-104. Use of public water required. Every current resident and all new residents inside the corporate limits of the Town of Monteagle are required to purchase water and water service from the Town of Monteagle where such service is available, as determined by the Town of Monteagle Utility Board. The constructing of a well or any other apparatus intended to receive water for use

in a dwelling or place of business for human use and consumption shall constitute a violation of this chapter. (1989 Code, § 18-104)

18-105. Application and contract for service. Each prospective customer desiring water and/or sewer service will be required to sign a standard form contract and pay a service deposit as set from time to time by the board of mayor and aldermen before service is supplied. The service deposit shall be refundable if and only if the town cannot supply service in accordance with the terms of this chapter. 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 such service.

The receipt of a prospective customer's application for service, shall not obligate the town to render the service applied for. If the service applied for cannot be supplied in accordance with the provisions of this chapter, the liability of the town to the applicant shall be limited to the return of any deposit made by such applicant. (1989 Code, § 18-105)

18-106. 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 and/or sewer service. (1989 Code, § 18-106)

18-107. Connection charges. Service lines will be laid by the town from its mains to the property line at the expense of the applicant for service. The location of such lines will be determined by the town.

Before a new water or sewer service line will be laid by the town, the applicant shall pay a nonrefundable connection charge as set from time to time by the board of mayor and aldermen.

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 (or property line, in the case of sewers) shall belong to and be the responsibility of the customer. (1989 Code, § 18-107)

18-108. Water and sewer main extensions.¹ Persons desiring water and/or sewer main extensions must pay all of the cost of making such extensions.

¹Municipal code reference

Construction of building sewers: title 18, chapter 2.

All such extensions shall be installed either by town forces or by other forces working directly under the supervision of the town in accordance with plans and specifications prepared by an engineer registered with the State of Tennessee.

Upon completion of such extensions and their approval by the town, such water and/or sewer mains shall become the property of the town. 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 municipal water and sewer systems and shall furnish water and sewer service therefrom in accordance with these rules and regulations, subject always to such limitations as may exist because of the size and elevation of the mains. (1989 Code, § 18-108)

18-109. Water and sewer main extension variances. Whenever the board of mayor and aldermen is of the opinion that it is to the best interest of the town and its inhabitants to construct a water and/or sewer main extension without requiring strict compliance with the preceding section, such extension may be constructed upon such terms and conditions as shall be approved by the board of mayor and aldermen.

The authority to make water and/or sewer main extensions under the preceding section is permissive only and nothing contained therein shall be construed as requiring the town to make such extensions or to furnish service to any person or persons. (1989 Code, § 18-109)

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

No one shall do anything which will in any way interfere with or prevent the operation of a meter. No one shall tamper with or work on a water meter without the written permission of the town. No one shall install any pipe or other device which will cause water to pass through or around a meter without the passage of such water being registered fully by the meter. (1989 Code, § 18-110)

18-111. Meter tests. The town 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%
3"	3%

4"	4%
6"	5%

The town will also make tests or inspections of its meters at the request of the customer. However, if a test required by a customer shows a meter to be accurate within the limits stated above, the customer shall pay meter testing charges.¹ (1989 Code, § 18-111, modified)

18-112. Meter tampering and alteration prohibited. The following regulations will govern all water meters:

(1) No person, firm, partnership, business, corporation, customer or any other entity shall tamper with, or in any way alter any pipeline, meter or other device used to record the flow of water to any residence, business or other location.

(2) Any tampering or alteration of said pipeline, meter or device used to record the flow of water, shall be presumed to be for the purpose of obtaining water from the Monteagle Utility Board without payment, or at a reduced payment level.

(3) Only authorized personnel from the Monteagle Utility Board shall be allowed to attend to said pipelines, meters or recording devices, and only then upon official Monteagle Utility Board business. Any employee of the Monteagle Utility Board who alters, damages, or tampers with a pipeline, meter, or recording device outside the scope of his employment, or without authority shall be presumed to be so doing for the purpose of obtaining water for someone or some entity at a reduced payment level or for no payment.

(4) Anyone who violates the provisions of this section shall be punished according to the general penalty provisions of this code and further shall have the water service affected by the violation terminated by the Monteagle Utility Board. Any employee who violates subsection (3) above shall, in addition to a fine, be terminated from his/her employment with the Monteagle Utility Board. (1989 Code, § 18-112)

18-113. 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 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 and charges

¹Meter testing charges, as amended from time to time, are available in the office of the town recorder.

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 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. (1989 Code, § 18-113)

18-114. Customer billing and payment policy. Water and sewer bills shall be rendered monthly and shall designate a standard net payment period for all members as set from time to time by the board of mayor and aldermen. Failure to receive a bill will not release a customer from payment obligation. The board of mayor and aldermen shall establish for all members a late payment charge for any portion of the bill paid after the net payment period.

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. (1989 Code, § 18-114)

18-115. Termination or refusal of service. (1) Basis of termination or refusal. The town shall have the right to discontinue water and sewer service or to refuse to connect service for a violation of, or a failure to comply with, any of the following:

- (a) These rules and regulations, including the nonpayment of bills.
- (b) The customer's application for service.
- (c) The customer's contract for service.

The right to discontinue service shall apply to all water and sewer services received through collective single connections or services, even though more than one (1) customer or tenant is furnished services therefrom, and even though the delinquency or violation is limited to only one such customer or tenant.

(2) Termination of service. Service termination for any reason shall be reconnected only after the payment of all charges due or satisfactory arrangements for payment have been made, or the correction of the problem that resulted in the termination of service in a manner satisfactory to the water and sewer department, plus the payment of a reconnection charge to be set from time to time by the board of mayor and aldermen. (1989 Code, § 18-115, modified)

18-116. Termination of service by customer. Customers who have fulfilled their contract terms and wish to discontinue service must give at least three (3) business 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, 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. (1989 Code, § 18-116, modified)

18-117. 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. (1989 Code, § 18-117)

18-118. Inspections. The town shall have the right, but shall not be obligated, to inspect any installation or plumbing system before water and/or sewer service is furnished or at any later time. The town reserves the right to refuse service or to discontinue service to any premises not in compliance 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. (1989 Code, § 18-118)

18-119. 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 town. 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, the cost

of necessary repairs or replacements shall be paid by the customer. (1989 Code, § 18-119)

18-120. Customer's responsibility for violations. Where the town furnishes water and/or sewer 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. (1989 Code, § 18-120)

18-121. 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. (1989 Code, § 18-121)

18-122. 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. (1989 Code, § 18-122)

18-123. 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. (1989 Code, § 18-123)

18-124. 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. (1989 Code, § 18-124)

18-125. 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. (1989 Code, § 18-125, modified)

18-126. 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. (1989 Code, § 18-126)

18-127. Interruption of service. The town will endeavor to furnish continuous water and sewer service, but does not guarantee to the customer any fixed pressure or continuous service. The town shall not be liable for any damages for any interruption of service whatsoever.

In connection with the operation, maintenance, repair, and extension of the municipal 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. (1989 Code, § 18-127)

18-128. Schedule of rates. All water and sewer service shall be furnished under such rate schedules as the board of mayor and aldermen may from time to time adopt by appropriate ordinance or resolution.¹ (1989 Code, § 18-128)

18-129. Classification categories of utility users and impact fees. The Board of Mayor and Aldermen of the Town of Monteagle, hereby levy and establish the following classification categories of utility user impact fees:

- (1) Single family homes with no business or accessory use;
- (2) Single family homes with a business or accessory use operating out of the home;
- (3) Commercial business (other than those operated out of the home as in subsection (2) above);
- (4) Single family residences located within a development or PUD containing at least five (5) total units within said development or PUD;
- (5) Industrial users;
- (6) Institutional (government or non-profit users).

If any user qualifies under two (2) or more of the foregoing classification categories ((1)-(6)), then the classification containing the highest impact user rate shall apply.

¹Administrative ordinances and regulations are of record in the office of the town recorder.

The Monteagle Public Utility Board is empowered to set, establish and amend rates applicable to utility user access fees.

Appendix A¹ shall become a part of this chapter as if contained within verbatim. (Ord. #08-21, July 2008)

18-130. Easements for water and/or sewer mains. (1) The Town of Monteagle must have proper access for the installation, maintenance, upkeep and or replacement of any and/or all of its water and/or sewer mains.

(2) The Town of Monteagle shall require a permanent easement of twenty feet (20'), total width for any main line. Any request by a property owner of a permanent easement less than twenty feet (20') shall be dealt with on a case by case basis. There shall, in no circumstance, be a permanent easement less than fifteen feet (15') total width for any main line. (Ord. #10-29, Nov. 2010)

¹Appendix A regarding rate recommendations (and any amendments) is available in the office of the town recorder.

CHAPTER 2

GENERAL WASTEWATER REGULATIONS

SECTION

- 18-201. Purpose and policy.
- 18-202. Administrative
- 18-203. Definitions.
- 18-204. Proper waste disposal required.
- 18-205. Private domestic wastewater disposal.
- 18-206. Connection to public sewers.
- 18-207. Septic tank effluent pump or grinder pump wastewater systems.
- 18-208. Regulation of holding tank waste disposal or trucked in waste.
- 18-209. Discharge regulations.
- 18-210. Enforcement and abatement.

18-201. Purpose and policy. This chapter sets forth uniform requirements for users of the Town of Monteagle, Tennessee, wastewater treatment system and enables the town to comply with the Federal Clean Water Act and the state Water Quality Control Act and rules adopted pursuant to these acts. The objectives of this chapter are:

- (1) To protect public health,
- (2) To prevent the introduction of pollutants into the municipal wastewater treatment facility, which will interfere with the system operation;
- (3) To prevent the introduction of pollutants into the wastewater treatment facility that will pass through the facility, inadequately treated, into the receiving waters, or otherwise be incompatible with the treatment facility;
- (4) To protect facility personnel who may be affected by wastewater and sludge in the course of their employment and the general public;
- (5) To promote reuse and recycling of industrial wastewater and sludge from the facility;
- (6) To provide for fees for the equitable distribution of the cost of operation, maintenance, and improvement of the facility; and
- (7) To enable the town to comply with its National Pollution Discharge Elimination System (NPDES) permit conditions, sludge and biosolid use and disposal requirement, and any other Federal or State industrial pretreatment rules to which the facility is subject.

In meeting these objectives, this chapter provides that all persons in the service area of the Town of Monteagle 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.

This chapter shall apply to all users inside or outside the town who are, by implied contract or written agreement with the town, dischargers of

applicable wastewater to the wastewater treatment facility. Chapter 2 provides for the issuance of permits to system users, for monitoring, compliance, and enforcement activities; establishes administrative review procedures for industrial users or other users whose discharge can interfere with or cause violations to occur at the wastewater treatment facility. Chapter 2 details permitting requirements including 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.

18-202. Administrative. Except as otherwise provided herein, the local administrative officer of the town shall administer, implement, and enforce the provisions of this chapter.

18-203. Definitions. Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated:

(1) "Administrator." The administrator or the United States Environmental Protection Agency.

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

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

(4) "Authorized or duly authorized representative" of industrial user:

(a) If the user is a corporation:

(i) The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any person who performs similar policy or decision-making functions for the corporation; or

(ii) The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can insure that the necessary systems are established or actions taken to gather complete and accurate information for individual wastewater discharge permit requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(b) If the user is a partnership or sole proprietorship: a general partner or proprietor, respectively.

(c) If the user is a federal, state, or local governmental agency: a director or highest official appointed or designated to oversee the operation and performance of the activities of the governmental facility, or their designee.

(d) The individual described in paragraphs (a)-(c), above, may designate a duly authorized representative if the authorization is in writing, the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the town.

(5) "Best Management Practices" or "BMPs" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in § 18-209. BMPs also include treatment requirement, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.

(6) "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 twenty degrees centigrade (20 C) expressed in terms of weight and concentration (milligrams per liter (mg/l)).

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

(8) "Categorical standards." The National Categorical Pretreatment Standards as found in 40 CFR chapter I, subchapter N, parts 405-471.

(9) "City/town." The Board of Mayor and Aldermen, Town of Monteagle, Tennessee.

(10) "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.

(11) "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.

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

(13) "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.

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

(15) "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.

(16) "Daily maximum." The arithmetic average of all effluent samples for a pollutant (except pH) collected during a calendar day. The daily maximum for pH is the highest value tested during a twenty-four (24) hour calendar day.

(17) "Daily maximum limit." The maximum allowable discharge limit of a pollutant during a calendar day. Where the limit is expressed in units of mass, the limit is the maximum amount of total mass of the pollutant that can be discharged during the calendar day. Where the limit is expressed in concentration, it is the arithmetic average of all concentration measurements taken during the calendar day.

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

(19) "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.

(20) "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.

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

(22) "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.

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

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

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

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

(27) "Indirect discharge." The introduction of pollutants into the WWF from any non-domestic source.

(28) "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).

(29) "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.

(30) "Instantaneous limit." The maximum concentration of a pollutant allowed to be discharged at any time, determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.

(31) "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.

(32) "Interference." A discharge that, alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the WWF, its treatment processes or operations, or its sludge processes, use or disposal, or exceeds the design capacity of the treatment works or collection system.

(33) "Local administrative officer." The chief administrative officer of the local hearing authority.

(34) "Local hearing authority." The board of mayor and aldermen or such person or persons appointed by the board to administer and enforce the provisions of this chapter and conduct hearings pursuant to section 205.

(35) "National categorical 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.

(36) "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.

(37) "New source." (a) Any building, structure, facility or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the publication of proposed pretreatment

standards under section 307(c) of the Clean Water Act which will be applicable to such source if such Standards are thereafter promulgated in accordance with that section, provided that:

(I) The building structure, facility or installation is constructed at a site at which no other source is located; or

(ii) The building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or

(iii) The production or wastewater generating processes of the building, structure, facility or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is engaged in the same general type of activity as the existing source should be considered.

(b) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility, or installation meeting the criteria of parts (a)(ii) or (a)(iii) of this definition but otherwise alters, replaces, or adds to existing process or production equipment.

(c) Construction of a new source as defined under this paragraph has commenced if the owner or operator has:

(I) Begun, or caused to begin as part of a continuous onsite construction program:

(A) Any placement, assembly, or installation of facilities or equipment; or

(B) Significant site preparation work including cleaning, excavation or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or

(ii) Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph

(38) "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 Clean Water Act as amended.

(39) "Pass-through." A discharge which exits the Wastewater Facility (WWF) into waters of the state in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of

a violation of any requirement of the WWF's NPDES permit including an increase in the magnitude or duration of a violation.

(40) "Person." Any individual, partnership, co partnership, firm, 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.

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

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

(43) "Pollutant." Any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, medical waste, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste and certain characteristics of wastewater (e.g., pH, temperature, turbidity, color, BOD, COD, toxicity, or odor discharge into water).

(44) "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).

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

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

(47) "Pretreatment standards or standards." A prohibited discharge standard, categorical pretreatment standard and local limit.

(48) "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. See WWF, Wastewater Facility, found in definition number (63), below.

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

(50) "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; or

(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 WWF (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 plant; 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 WWF's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

(51) "Significant noncompliance." Per 1200-4-14-.08(6)(b)8.

(a) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all of the measurements taken for each parameter taken during a six (6) month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limit.

(b) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six (6) month period equal or exceed the product of the numeric pretreatment standard or requirement, including instantaneous limits multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH). TRC calculations for pH are not required.

(c) Any other violation of a pretreatment standard or requirement (daily maximum or longer-term average, instantaneous limit, or narrative standard) that the WWF determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of WWF personnel or the general public).

(d) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the WWF's exercise of its emergency authority under § 18-205(1)(b)(i)(D), emergency order, to halt or prevent such a discharge.

(e) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance.

(f) Failure to provide, within forty-five (45) days after their due date, required reports such as baseline monitoring reports, ninety (90)

day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.

(g) Failure to accurately report noncompliance.

(h) Any other violation or group of violations, which may include a violation of best management practices, which the WWF determines will adversely affect the operation or implementation of the local pretreatment program.

(i) Continuously monitored pH violations that exceed limits for a time period greater than fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight times in four hours.

(52) "Slug." Any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the WWF's regulations, local limits, or permit conditions.

(53) "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.

(54) "State." The State of Tennessee.

(55) "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.

(56) "Stormwater." Any flow occurring during or following any form of natural precipitation and resulting therefrom.

(57) "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.

(58) "Surcharge." An additional fee assessed to a user who discharges compatible pollutants at concentrations above the established surcharge limits. Surcharge limits are the level at which the permit holder will be billed higher rates to offset the cost of treating wastewater which exceeds the surcharge limits. Exceeding a surcharge limit but not a monthly average or daily maximum limit will not result in enforcement action.

(59) "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.

(60) "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.

(61) "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.

(62) "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, Tennessee Code Annotated, § 68-221-201.

(63) "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 WWF.

(64) "Wastewater facility" Any or all of the following: the collection/transmission system, treatment plant, and the reuse or disposal system, which is owned by any person. This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial waste of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a WWF treatment plant. The term also means the municipality as defined in section 502(4) of the Federal Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. WWF was formally known as a POTW, or Publicly Owned Treatment Works.

(65) "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.

(65) "1200-4-14." Chapter 1200-4-14 of the Rules and Regulations of the State of Tennessee, Pretreatment Requirements.

18-204. Proper waste disposal required. (1) 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.

(2) 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 ordinance or town or state regulations.

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

(4) Except as provided in (6) 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 private or public sewer in accordance with the provisions of this chapter. Where public sewer is available property owners shall

within sixty (60) days after date of official notice to do so, connect to the public sewer. Service is considered "available" when a public sewer main is located in an easement, right-of-way, road or public access way which abuts the property.

(5) Discharging into the sanitary sewer without permission of the town is strictly prohibited and is deemed "theft of service."

(6) Where a public sanitary sewer is not available under the provisions of (4) above, the building sewer shall be connected to a private sewage disposal system complying with the provisions of § 18-205.

(7) 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.

(8) Users have a duty to comply with the provisions of this ordinance in order for the town to fulfill the stated policy and purpose. Significant Industrial users must comply with the provisions of this ordinance and applicable state and federal rules according to the nature of the industrial discharge.

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

(a) Where a public sanitary sewer is not available under the provisions of § 18-204(4), the building sewer shall be connected, until the public sewer is available, to a private wastewater disposal system complying with the provisions of the applicable local and state regulations.

(b) 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 it becomes necessary to clean septic tanks, the sludge may be disposed of only according to applicable federal and state regulations.

(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) The type, capacity, location and layout of a private sewerage disposal system shall comply with all local or state regulations. Before commencement of construction of a private sewerage disposal system, the owner shall first obtain a written approval from the county health department. The application for such approval shall be made on a form furnished by the county health department which the applicant shall supplement with any plans or specifications that the department has requested.

(b) Approval for a private sewerage disposal system shall not become effective until the installation is completed to the satisfaction of the local and state authorities, who shall be allowed to inspect the work at any stage of construction.

(c) 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, and the county health department. No septic tank or cesspool shall be permitted to discharge to waters of Tennessee.

(d) No statement contained in this chapter shall be construed to interfere with any additional or future requirements that may be imposed by the city and the county health department.

18-206. Connection to public sewers. (1) Application for service.

(a) There shall be two (2) classifications of service:

(i) Residential; and

(ii) Service to commercial, industrial and other nonresidential establishments.

In either case, the owner or his agent shall make application for connection on a special form furnished by the town. Applicants for service to commercial and industrial establishments shall be required to furnish information about all waste producing activities, wastewater characteristics and constituents. The application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the superintendent. Details regarding commercial and industrial permits include but are not limited to those required by this ordinance. Service connection fees for establishing new sewer service are paid to the town. Industrial user discharge permit fees may also apply. 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, or state and federal requirement, the connection charge will be refunded in full, and there shall be no liability of the town to the applicant for such service.

(b) Users shall notify the town of any proposed new introduction of wastewater constituents or any proposed change in the volume or character of the wastewater being discharged to the system a minimum of sixty (60) days prior to the change. The town may deny or limit this new introduction or change based upon the information submitted in the notification.

(2) Prohibited connections. No person shall make connections of roof downspouts, sump pumps, basement wall seepage or floor seepage, exterior foundation drains, area way drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer. Any such connections which already exist on the effective date of this ordinance shall be completely and permanently disconnected within sixty (60) days of the effective day of this ordinance. The owners of any building sewer having such connections, leaks or

defects shall bear all of the costs incidental to removal of such sources. Pipes, sumps and pumps for such sources of ground water shall be separate from the sanitary sewer.

(3) 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 to the town.

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

The applicant is responsible for excavation and installation of the building sewer which is located on private property. The town will inspect the installation prior to backfilling and make the connection to the public sewer.

(b) All costs and expenses incident to the installation, connection, and inspection of the building sewer shall be borne by the owner including all service and connection fees. 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, courtyard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer. Where property is subdivided and buildings use a common building sewer are now located on separate properties, the building sewers must be separated within sixty (60) days.

(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: Conventional sewer system four inches (4").

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

(iii) Building sewers shall be laid on the following grades: four inch (4") sewers - one-eighth inch (1/8") per foot.

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

(iv) Building sewers shall be installed in uniform alignment at uniform slopes.

(v) Building sewers shall be constructed only of polyvinyl chloride pipe Schedule 40 or better. Joints shall be solvent welded or compression gaskets designed for the type of pipe used. No other joints shall be acceptable.

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

(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. Bedding must support pipe to prevent damage or sagging. All such connections shall be made gastight and watertight.

(viii) 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 an approved pump system according to § 18-207 and discharged to the building sewer at the expense of the owner.

(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 by the ASTM. 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.

(4) Maintenance of building sewers. (a) 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 stormwater or ground water to enter the sanitary sewer may face enforcement action by the superintendent up to and including discontinuation of water and sewer service.

(b) The town may inspect the facilities of any user to ascertain whether the purpose of this chapter is being met and all requirements are being complied with.

(c) The point of division between the building sewer and the town owned sewer tap or service connection shall be at the property line, right-of-way line, property line sewer cleanout, or such point in this general area as identified by the superintendent. The town owned tap or service line connection cannot extend onto private property except that minimal distance to the edge of rights-of-way, easements, or that distance necessary to cross other town utility lines and provide a location unencumbered by other underground town utilities where the user can make a connection to the building sewer without risk of damage to those other town utilities.

(5) 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, located at <http://www.state.tn.us/environment/wpc/publications/>. Contractors must provide the superintendent or manager with as-built drawing and documentation that all mandrel, pressure and vacuum tests as specified in design criteria were acceptable prior to use of the lines. Contractor's one (1) 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.

18-207. 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.

(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 of the equipment and an easement for access to perform necessary maintenance or repair. 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 of 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 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 similar problems shall be billed to the homeowner or business at a rate of no more than the actual cost of the service call including but not limited to transportation, labor, materials, excavation, subcontractors, engineering fees, cleanup expenses, and other expenses related to the service call. In addition if the town receives regulatory fines related to equipment failure and sewage overflows all such fines will be passed on to the user.

18-208. 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 WWF any type of domestic, commercial or industrial waste unless such person, firm, association, or corporation obtains a written approval 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 § 18-207 of this ordinance. 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 inch (3") 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 discretion where it appears that the waste could interfere with the operation of the WWF.

(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 Monteaagle.

(5) Trucked in waste. This part includes waste from trucks, railcars, barges, etc., or temporally pumped waste, all of which are prohibited without a permit issued by the superintendent. This approval may require testing, flow monitoring and record keeping.

18-209. 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 WWF. These general prohibitions apply to all such users of a WWF 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 this section or other pretreatment standard may result in the issuance of an industrial pretreatment permit, surcharges, discontinuance of water and/or sewer service and other fines and provisions of §§ 18-210 and 18-205. A user may not contribute the following substances to any WWF:

(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 WWF or to the operation of the WWF. Prohibited flammable materials including, but not limited to, wastestreams with a closed cup flash point of less than one hundred forty degrees Fahrenheit (140° F) or sixty degrees Celsius (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 other flammable substances.

(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 WWF.

(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 (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 WWF.

(e) Any wastewater having a temperature which will inhibit biological activity in the WWF treatment plant resulting in interference, but in no case wastewater with a temperature at the introduction into the WWF which exceeds forty degrees Celsius (40° C (one hundred four degrees Fahrenheit (104° F)) unless approved by the State of Tennessee.

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

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

(h) Any wastewater containing any toxic pollutants, chemical elements, or compounds in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment 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 WWF, 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.

(i) Any trucked or hauled pollutants except at discharge points designated by the WWF.

(j) Any substance which may cause the WWF's effluent or any other product of the WWF 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 WWF cause the WWF 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.

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

(l) 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.

(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 halflife 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 animal or vegetable 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) Detergents, surfactants, surface-acting agents or other substances which may cause excessive foaming at the WWF or pass through of foam.

(r) Wastewater causing, alone or in conjunction with other sources, the WWF to fail toxicity tests.

(s) 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) Local limits. In addition to the general and specific prohibitions listed in this section, users permitted according to chapter 2 may be subject to numeric and best management practices as additional restrictions to their wastewater discharge in order to protect the WWF from interference or protect the receiving waters from pass through contamination.

(3) Restrictions on wastewater strength. No person or user shall discharge wastewater which exceeds the set of standards provided in Table A Plant Protection Criteria, unless specifically allowed by their discharge permit according to chapter 2 of this ordinance. Dilution of any wastewater discharge

for the purpose of satisfying these requirements shall be considered in violation of this chapter.

Table A Plant Protection Criteria

Parameter	Maximum Concentration (mg/l)
Arsenic	
Benzene	
Cadmium	
Carbon Tetrachloride	
Chloroform	
Chromium (total)	
Copper	
Cyanide	
Ethybenzene	
Lead	
Mercury	
Methylene chloride	
Molybdenum	
Naphthalene	
Nickel	
Phenol	
Selenium	
Silver	
Tetrachloroethylene	
Toluene	
Total Phthalate	
Trichlorethlene	
1,1,1-Trichloroethane	
1,2 Transdichloroethylene	
Zinc	

(4) Fats, oils and grease traps and interceptors. (a) Fats, Oils, and Grease (FOG), waste food, and sand interceptors. FOG, waste food and sand interceptors shall be installed 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 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 plant, 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 inch (1/2") 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 or applicable town guidelines. 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.

(f) Solvents prohibited. The use of degreasing or line cleaning products containing petroleum based solvents is prohibited. The use of other products for the purpose of keeping FOG dissolved or suspended until it has traveled into the collection system of the town is prohibited.

(g) The superintendent may use industrial wastewater discharge permits under §18-202 to regulate the discharge of fat, oil and grease.

18-210. Enforcement and abatement. Violators of these wastewater regulations may be cited to town court, general sessions court, chancery court, or other court of competent jurisdiction face fines, have sewer service terminated or the town may seek further remedies as needed to protect the collection system, treatment plant, receiving stream and public health including the issuance of discharge permits according to chapter 2. Repeated or continuous violation of this ordinance is declared to be a public nuisance and may result in legal action against the property owner and/or occupant and the service line disconnected from sewer main. 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 the following remedies:

(1) Cite the user to town or general sessions 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 discontinue water service or disconnect sewer service.

(3) File a lawsuit in chancery court or any other court of competent jurisdiction seeking damages against the user, including if applicable legal costs, and further seeking an injunction prohibiting further violations by user.

(4) Seek further remedies as needed to protect the public health, safety or welfare, the public water supply or the facilities of the sewerage system.

CHAPTER 3

INDUSTRIAL/COMMERCIAL WASTEWATER REGULATIONS

SECTION

- 18-301. Industrial pretreatment.
- 18-302. Discharge permits.
- 18-303. Industrial user additional requirements.
- 18-304. Reporting requirements.
- 18-305. Enforcement response plan.
- 18-306. Enforcement response guide table.
- 18-307. Fees and billing.
- 18-308. Validity.

18-301. Industrial pretreatment. In order to comply with Federal Industrial Pretreatment Rules 40 CFR 403 and Tennessee Pretreatment Rules 1200-4-14 and to fulfill the purpose and policy of this ordinance the following regulations are adopted.

(1) User discharge restrictions. All system users must follow the General and Specific discharge regulations specified in § 18-309 of this ordinance.

(2) Users wishing to discharge pollutants at higher concentrations than Table A Plant Protection Criteria of § 18-309, or those dischargers who are classified as Significant Industrial Users will be required to meet the requirements of this chapter. Users who discharge waste which falls under the criteria specified in this chapter and who fail to or refuse to follow the provisions shall face termination of service and/or enforcement action specified in § 18-305.

(3) Discharge regulation. Discharges to the sewer system shall be regulated through use of a permitting system. The permitting system may include any or all of the following activities: completion of survey/application forms, issuance of permits, oversight of users monitoring and permit compliance, use of compliance schedules, inspections of industrial processes, wastewater processing, and chemical storage, public notice of permit system changes and public notice of users found in significant noncompliance.

(4) Discharge permits shall limit concentrations of discharge pollutants to those levels that are established as local limits, Table B or other applicable state and federal pretreatment rules which may be in effect or take effect after the passage of this ordinance.

Table B - Local Limits

Pollutant	Monthly Maximum (mg/l)	Average* Concentration	Daily Maximum Concentration (mg/l)
Arsenic			
Benzene			
Cadmium			
Carbon Tetrachloride			
Chloroform			
Chromium (total)			
Copper			
Cyanide			
Ethybenzene			
Lead			
Mercury			
Methylene chloride			
Molybdenum			
Napthalene			
Nickel			
Phenol			
Selenium			
Silver			
Tetrachloroethylene			
Toluene			
Total Phthalate			
Trichlorethlene			
1,1,1-Trichoroethane			
1,2 Transdichloroethylene			
Zinc			

*Based on twenty-four (24) hour flow proportional composite samples unless specified otherwise.

(5) Surcharge threshold and maximum concentrations. Dischargers of high strength waste may be subject to surcharges based on the following surcharge thresholds. Maximum concentrations may also be established for some users.

Table C-Surcharge and Maximum Limits

<u>Parameter</u>	<u>Surcharge Threshold</u>	<u>Maximum Concentration</u>
Total Kjeldahl Nitrogen (TKN)		
Oil and grease		
MBAS		
BOD		
COD		
Suspended solids		

(6) Protection of treatment plant influent. The pretreatment coordinator shall monitor the treatment works influent for each parameter in Table A Plant Protection Criteria. Industrial users shall be subject to reporting and monitoring requirements regarding these parameters as set forth in this chapter. In the event that the influent at the WWF reaches or exceeds the levels established by Table A or subsequent criteria calculated as a result of changes in pass through limits issued by the Tennessee Department of Environment and Conservation, the pretreatment coordinator shall initiate technical studies to determine the cause of the influent violation and shall recommend to the town the necessary remedial measures, including, but not limited to, recommending the establishment of new or revised local limits, best management practices, or other criteria used to protect the WWF. The pretreatment coordinator shall also recommend changes to any of these criteria in the event that: the WWF effluent standards are changed, there are changes in any applicable law or regulation affecting same, or changes are needed for more effective operation of the WWF.

(7) User inventory. The superintendent will maintain an up-to-date inventory of users whose waste does or may fall into the requirements of this chapter, and will notify the users of their status.

(8) Right to establish more restrictive criteria. No statement in this chapter is intended or may be construed to prohibit the pretreatment coordinator from establishing specific wastewater discharge criteria which are more restrictive when wastes are determined to be harmful or destructive to the facilities of the WWF or to create a public nuisance, or to cause the discharge of the WWF to violate effluent or stream quality standards, or to interfere with the use or handling of sludge, or to pass through the WWF 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.

(9) Combined wastestream formula. When wastewater subject to categorical pretreatment standards is mixed with wastewater not regulated by the same standard, the permitting authority may impose an alternate limit using the combined wastestream formula.

18-302. Discharge permits. (1) Application for discharge of commercial or industrial wastewater. All users or prospective users which generate commercial or industrial wastewater shall make application to the superintendent for connection to the municipal wastewater treatment system. It may be determined through the application that a user needs a discharge permit according to the provisions of federal and state laws and regulations. Applications shall be required from all new dischargers as well as for any existing discharger desiring additional service or where there is a planned change in the industrial or wastewater treatment process. Connection to the town sewer or changes in the industrial process or wastewater treatment process shall not be made until the application is received and approved by the superintendent, the building sewer is installed in accordance with § 18-306 of this ordinance 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. (a) General requirements. All industrial users proposing to connect to or to contribute to the WWF shall apply for service and apply for a discharge permit before connecting to or contributing to the WWF. All existing industrial users connected to or contributing to the WWF may be required to apply for a permit within one hundred eighty (180) days after the effective date of this chapter.

(b) Applications. Applications for wastewater discharge permits shall be required as follows:

(i) Users required by the superintendent to obtain a wastewater discharge permit shall complete and file with the pretreatment coordinator, an application on a prescribed form accompanied by the appropriate fee.

(ii) The application shall be in the prescribed form of the town and shall include, but not be limited to the following information: name, address, and SIC/NAICS number of applicant; wastewater volume; wastewater constituents and characteristic, including but not limited to those mentioned in §§ 18-309 and 18-301 discharge variations daily, monthly, seasonal and thirty (30) minute peaks; a description of all chemicals handled on the premises, each product produced by type, amount, process or processes and rate of production, type and amount of raw materials, number and type of employees, hours of operation, site plans, floor plans, mechanical and plumbing plans and details

showing all sewers and appurtenances by size, location and elevation; a description of existing and proposed pretreatment and/or equalization facilities and any other information deemed necessary by the pretreatment coordinator.

(iii) Any user who elects or is required to construct new or additional facilities for pretreatment shall as part of the application for wastewater discharge permit submit plans, specifications and other pertinent information relative to the proposed construction to the pretreatment coordinator for approval. A wastewater discharge permit shall not be issued until such plans and specifications are approved. Approval of such plans and specifications shall in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the town under the provisions of this chapter.

(iv) If additional pretreatment and/or operations and maintenance will be required to meet the pretreatment standards, the application shall include the shortest schedule by which the user will provide such additional pretreatment. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. For the purpose of this paragraph, "pretreatment standard," shall include either a national pretreatment standard or a pretreatment standard imposed by this chapter.

(iv) The town will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the town may issue a wastewater discharge permit subject to terms and conditions provided herein.

(v) The receipt by the town of a prospective customer's application for wastewater discharge permit shall not obligate the town to render the wastewater collection and treatment service. If the service applied for cannot be supplied in accordance with this chapter or the town's rules and regulations and general practice, the application shall be rejected and there shall be no liability of the town to the applicant of such service.

(vi) The pretreatment coordinator will act only on applications containing all the information required in this section. Persons who have filed incomplete applications will be notified by the pretreatment coordinator that the application is deficient and the nature of such deficiency and will be given thirty (30) days to correct the deficiency. If the deficiency is not corrected within thirty (30) days or within such extended period as allowed by the local administrative officer, the local administrative officer shall

deny the application and notify the applicant in writing of such action.

(vii) Applications shall be signed by the duly authorized representative.

(c) Permit conditions. Wastewater discharge permits shall be expressly subject to all provisions of this chapter and all other applicable regulations, user charges and fees established by the town.

(i) Permits shall contain the following:

(A) Statement of duration;

(B) Provisions of transfer;

(C) Effluent limits, including best management practices, based on applicable pretreatment standards in this chapter, state rules, categorical pretreatment standards, local, state, and federal laws.

(D) Self monitoring, sampling, reporting, notification, and record-keeping requirements. These requirements shall include an identification of pollutants (or best management practice) to be monitored, sampling location, sampling frequency, and sample type based on federal, state, and local law;

(E) Statement of applicable civil and criminal penalties for violations of pretreatment standards and the requirements of any applicable compliance schedule. Such schedules shall not extend the compliance date beyond the applicable federal deadlines;

(F) Requirements to control slug discharges, if determined by the WWF to be necessary;

(G) Requirement to notify the WWF immediately if changes in the users processes affect the potential for a slug discharge.

(ii) Additionally, permits may contain the following:

(A) The unit charge or schedule of user charges and fees for the wastewater to be discharged to a community sewer;

(B) Requirements for installation and maintenance of inspection and sampling facilities;

(C) Compliance schedules;

(D) Requirements for submission of technical reports or discharge reports;

(E) Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the town, and affording town access thereto;

(F) Requirements for notification of the town sixty (60) days prior to implementing any substantial change in

the volume or character of the wastewater constituents being introduced into the wastewater treatment system, and of any changes in industrial processes that would affect wastewater quality or quantity;

(G) Prohibition of bypassing pretreatment or pretreatment equipment;

(H) Effluent mass loading restrictions;

(I) Other conditions as deemed appropriate by the town to ensure compliance with this chapter.

(d) Permit modification. The terms and conditions of the permit may be subject to modification by the pretreatment coordinator during the term of the permit as limitations or requirements are modified or other just cause exists. The user shall be informed of any proposed changes in this permit at least sixty (60) days prior to the effective date of change. Except in the case where federal deadlines are shorter, in which case the federal rule must be followed. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

(e) Permit duration. Permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The user shall apply for permit renewal a minimum of one hundred eighty (180) days prior to the expiration of the user's existing permit.

(f) Permit transfer. Wastewater discharge permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation without the prior written approval of the local administrative officer. Any succeeding owner or user shall also comply with the terms and conditions of the existing permit. The permit holder must provide the new owner with a copy of the current permit.

(g) Revocation of permit. Any permit issued under the provisions of this chapter is subject to be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

(i) Violation of any terms or conditions of the wastewater discharge permit or other applicable federal, state, or local law or regulation.

(ii) Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts.

(iii) A change in:

(A) Any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

(B) Strength, volume, or timing of discharges;

(C) Addition or change in process lines generating wastewater.

(iv) Intentional failure of a user to accurately report the discharge constituents and characteristics or to report significant changes in plant operations or wastewater characteristics.

(3) **Confidential information.** All information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspection shall be available to the public or any governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the pretreatment coordinator that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets of the users.

When requested by the person furnishing the report, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available to governmental agencies for use; related to this chapter or the town's or user's NPDES permit. Provided, however, that such portions of a report shall be available for use by the state or any state agency in judicial review or enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics will not be recognized as confidential information.

Information accepted by the pretreatment coordinator as confidential shall not be transmitted to any governmental agency or to the general public by the pretreatment coordinator until and unless prior and adequate notification is given to the user.

18-303. Industrial user additional requirements. (1) **Monitoring facilities.** The installation of a monitoring facility shall be required for all industrial users. A monitoring facility shall be a manhole or other suitable facility approved by the pretreatment coordinator.

When in the judgment of the pretreatment coordinator, there is a significant difference in wastewater constituents and characteristics produced by different operations of a single user the pretreatment coordinator may require that separate monitoring facilities be installed for each separate source of discharge.

Monitoring facilities that are required to be installed shall be constructed and maintained at the user's expense. The purpose of the facility is to enable inspection, sampling and flow measurement of wastewater produced by a user. If sampling or metering equipment is also required by the pretreatment coordinator, it shall be provided and installed at the user's expense.

The monitoring facility will normally be required to be located on the user's premises outside of the building. The pretreatment coordinator may, however, when such a location would be impractical or cause undue hardship on

the user, allow the facility to be constructed in the public street right-of-way with the approval of the public agency having jurisdiction of that right-of-way and located so that it will not be obstructed by landscaping or parked vehicles. There shall be ample room in or near such sampling manhole or facility to allow accurate sampling and preparation of samples for analysis. The facility, sampling, and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expenses of the user.

(2) Sample methods. All samples collected and analyzed pursuant to this regulation shall be conducted using protocols (including appropriate preservation) specified in the current edition of 40 CFR 136 and appropriate EPA guidance. Multiple grab samples collected during a twenty-four (24) hour period may be composited prior to the analysis as follows: For cyanide, total phenol, and sulfide the samples may be composited in the laboratory or in the field; for volatile organics and oil and grease the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the control authority, as appropriate.

(3) Representative sampling and housekeeping. All wastewater samples must be representative of the user's discharge. Wastewater monitoring and flow measuring facilities shall be properly operated, kept clean, and in good working order at all times. The failure of the user to keep its monitoring facilities in good working order shall not be grounds for the user to claim that sample results are unrepresentative of its discharge.

(4) Proper operation and maintenance. The user shall at all times properly operate and maintain the equipment and facilities associated with spill control, wastewater collection, treatment, sampling and discharge. Proper operation and maintenance includes adequate process control as well as adequate testing and monitoring quality assurance.

(5) Inspection and sampling. The town may inspect the facilities of any user to ascertain whether the purpose of this chapter is being met and all requirements are being complied with. Persons or occupants of premises where wastewater is created or discharged shall allow the town or its representative ready access at all reasonable times to all parts of the premises for the purpose of inspection, sampling, records examination and copying or in the performance of any of its duties. The town, approval authority and EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling inspection, compliance monitoring and/or metering operations. The town will utilize qualified town personnel or a private laboratory to conduct compliance monitoring. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the town, approval authority and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibility.

(6) Safety. While performing the necessary work on private properties, the pretreatment coordinator or duly authorized employees of the town shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the town employees and the town shall indemnify the company against loss or damage to its property by town employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the monitoring and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions.

(7) New sources. New sources of discharges to the WWF shall have in full operation all pollution control equipment at start up of the industrial process and be in full compliance of effluent standards within ninety (90) days of start up of the industrial process.

(8) Slug discharge evaluations. Evaluations will be conducted of each significant industrial user according to the state and federal regulations. Where it is determined that a slug discharge control plan is needed, the user shall prepare that plan according to the appropriate regulatory guidance

(9) Accidental discharges or slug discharges. (a) Protection from accidental or slug discharge. All industrial users shall provide such facilities and institute such procedures as are reasonably necessary to prevent or minimize the potential for accidental or slug discharge into the WWF of waste regulated by this chapter from liquid or raw material storage areas, from truck and rail car loading and unloading areas, from in plant transfer or processing and materials handling areas, and from diked areas or holding ponds of any waste regulated by this chapter. Detailed plans showing the facilities and operating procedures shall be submitted to the pretreatment coordinator before the facility is constructed.

The review and approval of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility to provide the protection necessary to meet the requirements of this chapter.

(b) Notification of accidental discharge or slug discharge. Any person causing or suffering from any accidental discharge or slug discharge shall immediately notify the pretreatment coordinator in person, or by the telephone to enable countermeasures to be taken by the pretreatment coordinator to minimize damage to the WWF, the health and welfare of the public, and the environment.

This notification shall be followed, within five (5) days of the date of occurrence, by a detailed written statement describing the cause of the accidental discharge and the measures being taken to prevent future occurrence.

Such notification shall not relieve the user of liability for any expense, loss, or damage to the WWF, fish kills, or any other damage to

person or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by this chapter or state or federal law.

(c) Notice to employees. A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees whom to call in the event of a dangerous discharge. Employers shall ensure that all employees who may cause or suffer such a dangerous discharge to occur are advised of the emergency notification procedure.

18-304. Reporting requirements. Users, whether permitted or non-permitted may be required to submit reports detailing the nature and characteristics of their discharges according to the following subsections. Failure to make a requested report in the specified time is a violation subject to enforcement actions under section 205.

(1) Baseline monitoring report. (a) Within either one hundred eighty (180) days after the effective date of a categorical pretreatment standard, or the final administrative decision on a category determination under Tennessee Rule 1200-4-14-.06(1)(d), whichever is later, existing categorical industrial users currently discharging to or scheduled to discharge to the WWF shall submit to the superintendent a report which contains the information listed in subsection (b), below. At least ninety (90) days prior to commencement of their discharge, new sources, and sources that become categorical industrial users subsequent to the promulgation of an applicable categorical standard, shall submit to the superintendent a report which contains the information listed in subsection (b), below. A new source shall report the method of pretreatment it intends to use to meet applicable categorical standards. A new source also shall give estimates of its anticipated flow and quantity of pollutants to be discharged.

(b) Users described above shall submit the information set forth below.

(i) Identifying information. The user name, address of the facility including the name of operators and owners.

(ii) Permit information. A listing of any environmental control permits held by or for the facility.

(iii) Description of operations. A brief description of the nature, average rate of production (including each product produced by type, amount, processes, and rate of production), and standard industrial classifications of the operation(s) carried out by such user. This description should include a schematic process diagram, which indicates points of discharge to the WWF from the regulated processes.

(iv) Flow measurement. Information showing the measured average daily and maximum daily flow, in gallons per

day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the combined wastestream formula.

(v) Measurement of pollutants.

(A) The categorical pretreatment standards applicable to each regulated process and any new categorically regulated processes for existing sources.

(B) The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the standard or by the superintendent, of regulated pollutants in the discharge from each regulated process.

(C) Instantaneous, daily maximum, and long-term average concentrations, or mass, where required, shall be reported.

(D) The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in 40 CFR 136 and amendments, unless otherwise specified in an applicable categorical standard. Where the standard requires compliance with a BMP or pollution prevention alternative, the user shall submit documentation as required by the superintendent or the applicable standards to determine compliance with the standard.

(E) The user shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.

(F) Samples should be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the user should measure the flows and concentrations necessary to allow use of the combined wastestream formula to evaluate compliance with the pretreatment standards

(G) Sampling and analysis shall be performed in accordance with 40 CFR 136 or other approved methods;

(H) The superintendent may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures;

(I) The baseline report shall indicate the time, date and place of sampling and methods of analysis, and shall certify that such sampling and analysis is

representative of normal work cycles and expected pollutant discharges to the WWF.

(c) Compliance certification. A statement, reviewed by the user's duly authorized representative and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional Operation and Maintenance (O&M) and/or additional pretreatment is required to meet the Pretreatment Standards and Requirements.

(d) Compliance schedule. If additional pretreatment and/or O&M will be required to meet the pretreatment standards, the shortest schedule by which the user will provide such additional pretreatment and/or O&M must be provided. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this section must meet the requirements set out in § 18-304(2) of this ordinance.

(e) Signature and report certification. All baseline monitoring reports must be certified in accordance with § 18-304(14) of this ordinance and signed by the duly authorized representative.

(2) Compliance schedule progress reports. The following conditions shall apply to the compliance schedule required by § 18-304(1)(d) of this ordinance:

(a) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the user to meet the applicable pretreatment standards (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing and completing construction, and beginning and conducting routine operation)

(b) No increment referred to above shall exceed nine (9) months,

(c) The user shall submit a progress report to the superintendent no later than fourteen (14) days following each date in the schedule and the final date of compliance including, at a minimum, whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate, the steps being taken by the user to return to the established schedule,

(d) In no event shall more than nine (9) months elapse between such progress reports to the superintendent.

(3) Reports on compliance with categorical pretreatment standard deadline. Within ninety (90) days following the date for final compliance with applicable categorical pretreatment standards, or in the case of a new source following commencement of the introduction of wastewater into the WWF, any user subject to such pretreatment standards and requirements shall submit to the superintendent a report containing the information described in

§18-304(1)(b)(iv) and (v) of this ordinance. For all other users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with subsection (14) of this section. All sampling will be done in conformance with subsection (11).

(4) Periodic compliance reports. (a) All significant industrial users must, at a frequency determined by the superintendent submit no less than twice per year (April 10 and October 10) reports indicating the nature, concentration of pollutants in the discharge which are limited by pretreatment standards and the measured or estimated average and maximum daily flows for the reporting period. In cases where the pretreatment standard requires compliance with a Best Management Practice (BMP) or pollution prevention alternative, the user must submit documentation required by the superintendent or the pretreatment standard necessary to determine the compliance status of the user.

(b) All periodic compliance reports must be signed and certified in accordance with this ordinance.

(c) All wastewater samples must be representative of the user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, kept clean, and maintained in good working order at all times. The failure of a user to keep its monitoring facility in good working order shall not be grounds for the user to claim that sample results are unrepresentative of its discharge.

(d) If a user subject to the reporting requirement in this section monitors any regulated pollutant at the appropriate sampling location more frequently than required by the superintendent, using the procedures prescribed in subsection (11) of this section, the results of this monitoring shall be included in the report.

(5) Reports of changed conditions. Each user must notify the superintendent of any significant changes to the user's operations or system which might alter the nature, quality, or volume of its wastewater at least sixty (60) days before the change.

(a) The superintendent may require the user to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of a wastewater discharge permit application under § 18-301 of this chapter.

(b) The superintendent may issue an individual wastewater discharge permit under § 18-302 of this chapter or modify an existing wastewater discharge permit under § 18-302 of this chapter in response to changed conditions or anticipated changed conditions.

(6) Report of potential problems. (a) In the case of any discharge, including, but not limited to, accidental discharges, discharges of a

nonroutine, episodic nature, a noncustomary batch discharge, a slug discharge or slug load, that might cause potential problems for the POTW, the user shall immediately telephone and notify the superintendent of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the user.

(b) Within five (5) days following such discharge, the user shall, unless waived by the superintendent, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which might be incurred as a result of damage to the WWF, natural resources, or any other damage to person or property; nor shall such notification relieve the user of any fines, penalties, or other liability which may be imposed pursuant to this ordinance.

(c) A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees who to call in the event of a discharge described in subsection (a), above. Employers shall ensure that all employees, who could cause such a discharge to occur, are advised of the emergency notification procedure.

(d) Significant industrial users are required to notify the superintendent immediately of any changes at its facility affecting the potential for a slug discharge.

(7) Reports from unpermitted users. All users not required to obtain an individual wastewater discharge permit shall provide appropriate reports to the superintendent as the superintendent may require to determine users status as non-permitted.

(8) Notice of violations/repeat sampling and reporting. Where a violation has occurred, another sample shall be conducted within thirty (30) days of becoming aware of the violation, either a repeat sample or a regularly scheduled sample that falls within the required time frame. If sampling performed by a user indicates a violation, the user must notify the superintendent within twenty-four (24) hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the superintendent within thirty (30) days after becoming aware of the violation. Resampling by the industrial user is not required if the town performs sampling at the user's facility at least once a month, or if the town performs sampling at the user's facility between the time when the initial sampling was conducted and the time when the user or the town receives the results of this sampling, or if the town has performed the sampling and analysis in lieu of the industrial user.

(9) Notification of the discharge of hazardous waste. (a) Any user who commences the discharge of hazardous waste shall notify the POTW, the EPA Regional Waste Management Division Director, and state hazardous

waste authorities, in writing, of any discharge into the POTW of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the user discharges more than one hundred (100) kilograms of such waste per calendar month to the POTW, the notification also shall contain the following information to the extent such information is known and readily available to the user: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the wastestream discharged during that calendar month, and an estimation of the mass of constituents in the wastestream expected to be discharged during the following twelve (12) months. All notifications must take place no later than one hundred and eighty (180) days after the discharge commences. Any notification under this paragraph need be submitted only once for each hazardous waste discharged. However, notifications of changed conditions must be submitted under § 18-304(5) of this ordinance. The notification requirement in this section does not apply to pollutants already reported by users subject to categorical pretreatment standards under the self monitoring requirements of § 18-304(1), (3), and (4) of this chapter.

(b) Dischargers are exempt from the requirements of paragraph (a), above, during a calendar month in which they discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e). Discharge of more than fifteen (15) kilograms of nonacute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one (1) time notification. Subsequent months during which the user discharges more than such quantities of any hazardous waste do not require additional notification.

(c) In the case of any new regulations under section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the user must notify the superintendent, the EPA Regional Waste Management Waste Division Director, and state hazardous waste authorities of the discharge of such substance within ninety (90) days of the effective date of such regulations.

(d) In the case of any notification made under this section, the user shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

(e) This provision does not create a right to discharge any substance not otherwise permitted to be discharged by this ordinance, a permit issued there under, or any applicable federal or state law.

(10) Analytical requirements. All pollutant analyses, including sampling techniques, to be submitted as part of a wastewater discharge permit application or report shall be performed in accordance with the techniques prescribed in 40 CFR part 136 and amendments thereto, unless otherwise specified in an applicable categorical pretreatment standard. If 40 CFR part 136 does not contain sampling or analytical techniques for the pollutant in question, or where the EPA determines that the part 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analyses shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the superintendent or other parties approved by EPA.

(11) Sample collection. Samples collected to satisfy reporting requirements must be based on data obtained through appropriate sampling and analysis performed during the period covered by the report, based on data that is representative of conditions occurring during the reporting period.

(a) Except as indicated in subsections (b) and (c) below, the user must collect wastewater samples using twenty-four (24) hour flow proportional composite sampling techniques, unless time proportional composite sampling or grab sampling is authorized by the superintendent. Where time proportional composite sampling or grab sampling is authorized by the town, the samples must be representative of the discharge. Using protocols (including appropriate preservation) specified in 40 CFR part 136 and appropriate EPA guidance, multiple grab samples collected during a twenty-four (24) hour period may be composited prior to the analysis as follows: for cyanide, total phenols, and sulfides the samples may be composited in the laboratory or in the field; for volatile organics and oil and grease, the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the town, as appropriate. In addition, grab samples may be required to show compliance with instantaneous limits

(b) Samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic compounds must be obtained using grab collection techniques.

(c) For sampling required in support of baseline monitoring and ninety (90) day compliance reports required in subsections (1) and (3) of this section, a minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for facilities for which historical sampling data do not exist; for facilities for which historical sampling data are available, the superintendent may authorize a lower minimum. For the reports required by subsection (4) of this section, the industrial user is required to collect

the number of grab samples necessary to assess and assure compliance with applicable pretreatment standards and requirements.

(12) Date of receipt of reports. Written reports will be deemed to have been submitted on the date postmarked. For reports, which are not mailed, the date of receipt of the report shall govern.

(13) Recordkeeping. Users subject to the reporting requirements of this ordinance shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this ordinance, any additional records of information obtained pursuant to monitoring activities undertaken by the user independent of such requirements, and documentation associated with best management practices established under §18-302. Records shall include the date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the user or the town, or where the user has been specifically notified of a longer retention period by the superintendent.

(14) Certification statements. Signature and certification. All reports associated with compliance with the pretreatment program shall be signed by the duly authorized representative and shall have the following certification statement attached:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Reports required to have signatures and certification statement include, permit applications, periodic reports, compliance schedules, baseline monitoring, reports of accidental or slug discharges, and any other written report that may be used to determine water quality and compliance with local, state, and federal requirements.

18-305. Enforcement response plan. Under the authority of Tennessee Code Annotated, § 69-3-123 et. seq.

(1) Complaints; notification of violation; orders. (a)(i) Whenever the local administrative officer has reason to believe that a violation of any provision of the Monteagle Wastewater Regulations, pretreatment program, or of orders of the local hearing authority issued under it has occurred, is occurring, or is about to occur, the local administrative officer may cause a written complaint to be served upon the alleged violator or violators.

(ii) The complaint shall specify the provision or provisions of the pretreatment program or order alleged to be violated or about to be violated and the facts alleged to constitute a violation, may order that necessary corrective action be taken within a reasonable time to be prescribed in the order, and shall inform the violators of the opportunity for a hearing before the local hearing authority.

(iii) Any such order shall become final and not subject to review unless the alleged violators request by written petition a hearing before the local hearing authority as provided in §18-305(2), no later than thirty (30) days after the date the order is served; provided, that the local hearing authority may review the final order as provided in Tennessee Code Annotated, 69-3-123(a)(3).

(iv) Notification of violation. Notwithstanding the provisions of subsections (i) through (iii), whenever the pretreatment coordinator finds that any user has violated or is violating this chapter, a wastewater discharge permit or order issued hereunder, or any other pretreatment requirements, the town or its agent may serve upon the user a written notice of violation. Within fifteen (15) days of the receipt of this notice, the user shall submit to the pretreatment coordinator an explanation of the violation and a plan for its satisfactory correction and prevention including specific actions. Submission of this plan in no way relieves the user of liability for any violations occurring before or after receipt of the notice of violation. Nothing in this section limits the authority of the town to take any action, including emergency actions or any other enforcement action, without first issuing a notice of violation.

(b) (i) When the local administrative officer finds that a user has violated or continues to violate this chapter, wastewater discharge permits, any order issued hereunder, or any other pretreatment standard or requirement, he may issue one of the following orders. These orders are not prerequisite to taking any other action against the user.

(A) Compliance order. An order to the user responsible for the discharge directing that the user come

into compliance within a specified time. If the user does not come into compliance within the specified time, sewer service shall be discontinued unless adequate treatment facilities, devices, or other related appurtenances are installed and properly operated. Compliance orders may also contain other requirements to address the noncompliance, including additional self-monitoring, and management practices designed to minimize the amount of pollutants discharged to the sewer. A compliance order may not extend the deadline for compliance established for a federal pretreatment standard or requirement, nor does a compliance order release the user of liability for any violation, including any continuing violation.

(B) Cease and desist order. An order to the user directing it to cease all such violations and directing it to immediately comply with all requirements and take needed remedial or preventive action to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge.

(C) Consent order. Assurances of voluntary compliance, or other documents establishing an agreement with the user responsible for noncompliance, including specific action to be taken by the user to correct the noncompliance within a time period specified in the order.

(D) Emergency order. (1) Whenever the local administrative officer finds that an emergency exists imperatively requiring immediate action to protect the public health, safety, or welfare, the health of animals, fish or aquatic life, a public water supply, or the facilities of the WWF, the local administrative officer may, without prior notice, issue an order reciting the existence of such an emergency and requiring that any action be taken as the local administrative officer deems necessary to meet the emergency.

(2) If the violator fails to respond or is unable to respond to the order, the local administrative officer may take any emergency action as the local administrative officer deems necessary, or contract with a qualified person or persons to carry out the emergency measures. The local administrative officer may assess the person or persons responsible for the emergency condition for

actual costs incurred by the town in meeting the emergency.

(ii) Appeals from orders of the local administrative officer.

(A) Any user affected by any order of the local administrative officer in interpreting or implementing the provisions of this chapter may file with the local administrative officer a written request for reconsideration within thirty (30) days of the order, setting forth in detail the facts supporting the user's request for reconsideration.

(B) If the ruling made by the local administrative officer is unsatisfactory to the person requesting reconsideration, he may, within thirty (30) days, file a written petition with the local hearing authority as provided in subsection (2). The local administrative officer's order shall remain in effect during the period of reconsideration.

(c) Except as otherwise expressly provided, any notice, complaint, order, or other instrument issued by or under authority of this section may be served on any named person personally, by the local administrative officer or any person designated by the local administrative officer, or service may be made in accordance with Tennessee statutes authorizing service of process in civil action. Proof of service shall be filed in the office of the local administrative officer.

(2) Hearings. (a) Any hearing or rehearing brought before the local hearing authority shall be conducted in accordance with the following, Under the authority of Tennessee Code Annotated, § 69-3-124:

(i) Upon receipt of a written petition from the alleged violator pursuant to this subsection, the local administrative officer shall give the petitioner thirty (30) days' written notice of the time and place of the hearing, but in no case shall the hearing be held more than sixty (60) days from the receipt of the written petition, unless the local administrative officer and the petitioner agree to a postponement;

(ii) The hearing may be conducted by the local hearing authority at a regular or special meeting. A quorum of the local hearing authority must be present at the regular or special meeting to conduct the hearing;

(iii) A verbatim record of the proceedings of the hearings shall be taken and filed with the local hearing authority, together with the findings of fact and conclusions of law made under subsection (a)(vi). The recorded transcript shall be made available to the petitioner or any party to a hearing upon payment of a charge set by the local administrative officer to cover the costs of preparation;

(iv) In connection with the hearing, the chair shall issue subpoenas in response to any reasonable request by any party to the hearing requiring the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in the hearing. In case of contumacy or refusal to obey a notice of hearing or subpoena issued under this section, the chancery court of Grundy County has jurisdiction upon the application of the local hearing authority or the local administrative officer to issue an order requiring the person to appear and testify or produce evidence as the case may require, and any failure to obey an order of the court may be punished by such court as contempt;

(v) Any member of the local hearing authority may administer oaths and examine witnesses;

(vi) On the basis of the evidence produced at the hearing, the local hearing authority shall make findings of fact and conclusions of law and enter decisions and orders that, in its opinion, will best further the purposes of the pretreatment program. It shall provide written notice of its decisions and orders to the alleged violator. The order issued under this subsection shall be issued by the person or persons designated by the chair no later than thirty (30) days following the close of the hearing;

(vii) The decision of the local hearing authority becomes final and binding on all parties unless appealed to the courts as provided in subsection (b).

(viii) Any person to whom an emergency order is directed under § 18-305(1)(b)(i)(D) shall comply immediately, but on petition to the local hearing authority will be afforded a hearing as soon as possible. In no case will the hearing be held later than three (3) days from the receipt of the petition by the local hearing authority.

(b) An appeal may be taken from any final order or other final determination of the local hearing authority by any party who is or may be adversely affected, including the pretreatment agency. Appeal must be made to the chancery court under the common law writ of certiorari set out in Tennessee Code Annotated, § 27-8-101, et seq. within sixty (60) days from the date the order or determination is made.

(c) Show cause hearing. Notwithstanding the provisions of subsections (a) or (b), the pretreatment coordinator may order any user that causes or contributes to violation(s) of this chapter, wastewater discharge permits, or orders issued hereunder, or any other pretreatment standard or requirements, to appear before the local administrative officer and show cause why a proposed enforcement action should not be taken. Notice shall be served on the user specifying the time and place for the meeting, the proposed enforcement action, the reasons for the

action, and a request that the user show cause why the proposed enforcement action should be taken. The notice of the meeting shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days prior to the hearing. The notice may be served on any authorized representative of the user. Whether or not the user appears as ordered, immediate enforcement action may be pursued following the hearing date. A show cause hearing shall not be prerequisite for taking any other action against the user. A show cause hearing may be requested by the discharger prior to revocation of a discharge permit or termination of service.

(3) Violations, administrative civil penalty. Under the authority of Tennessee Code Annotated, § 69-3-125.

(a) (i) Any person including, but not limited to, industrial users, who does any of the following acts or omissions is subject to a civil penalty of up to ten thousand dollars (\$10,000.00) per day for each day during which the act or omission continues or occurs:

(A) Unauthorized discharge, discharging without a permit;

(B) Violates an effluent standard or limitation;

(C) Violates the terms or conditions of a permit;

(D) Fails to complete a filing requirement;

(E) Fails to allow or perform an entry, inspection, monitoring or reporting requirement;

(F) Fails to pay user or cost recovery charges; or

(G) Violates a final determination or order of the local hearing authority or the local administrative officer.

(ii) Any administrative civil penalty must be assessed in the following manner:

(A) The local administrative officer may issue an assessment against any person or industrial user responsible for the violation;

(B) Any person or industrial user against whom an assessment has been issued may secure a review of the assessment by filing with the local administrative officer a written petition setting forth the grounds and reasons for the violator's objections and asking for a hearing in the matter involved before the local hearing authority and, if a petition for review of the assessment is not filed within thirty (30) days after the date the assessment is served, the violator is deemed to have consented to the assessment and it becomes final;

(C) Whenever any assessment has become final because of a person's failure to appeal the assessment, the

local administrative officer may apply to the appropriate court for a judgment and seek execution of the judgment, and the court, in such proceedings, shall treat a failure to appeal the assessment as a confession of judgment in the amount of the assessment;

(D) In assessing the civil penalty the local administrative officer may consider the following factors:

(1) Whether the civil penalty imposed will be a substantial economic deterrent to the illegal activity;

(2) Damages to the pretreatment agency, including compensation for the damage or destruction of the facilities of the publicly owned treatment works, and also including any penalties, costs and attorneys' fees incurred by the pretreatment agency as the result of the illegal activity, as well as the expenses involved in enforcing this section and the costs involved in rectifying any damages;

(3) Cause of the discharge or violation;

(4) The severity of the discharge and its effect upon the facilities of the publicly owned treatment works and upon the quality and quantity of the receiving waters;

(5) Effectiveness of action taken by the violator to cease the violation;

(6) The technical and economic reasonableness of reducing or eliminating the discharge; and

(7) The economic benefit gained by the violator.

(E) The local administrative officer may institute proceedings for assessment in the chancery court of the county in which all or part of the pollution or violation occurred, in the name of the pretreatment agency.

(iii) The local hearing authority may establish by regulation a schedule of the amount of civil penalty which can be assessed by the local administrative officer for certain specific violations or categories of violations.

(iv) Assessments may be added to the user's next scheduled sewer service charge and the local administrative officer shall have such other collection remedies as may be available for other service charges and fees.

(b) Any civil penalty assessed to a violator pursuant to this section may be in addition to any civil penalty assessed by the commissioner for violations of Tennessee Code Annotated, § 69-3-115(a)(1)(F). However, the sum of penalties imposed by this section and by Tennessee Code Annotated, § 69-3-115(a) shall not exceed ten thousand dollars (\$10,000.00) per day for each day during which the act or omission continues or occurs.

(4) Assessment for noncompliance with program permits or orders. Under the authority of Tennessee Code Annotated, § 69-3-126.

(a) The local administrative officer may assess the liability of any polluter or violator for damages to the town resulting from any person's or industrial user's pollution or violation, failure, or neglect in complying with any permits or orders issued pursuant to the provisions of the pretreatment program or this section.

(b) If an appeal from such assessment is not made to the local hearing authority by the polluter or violator within thirty (30) days of notification of such assessment, the polluter or violator shall be deemed to have consented to the assessment, and it shall become final.

(c) Damages may include any expenses incurred in investigating and enforcing the pretreatment program of this section, in removing, correcting, and terminating any pollution, and also compensation for any actual damages caused by the pollution or violation.

(d) Whenever any assessment has become final because of a person's failure to appeal within the time provided, the local administrative officer may apply to the appropriate court for a judgment, and seek execution on the judgment. The court, in its proceedings, shall treat the failure to appeal the assessment as a confession of judgment in the amount of the assessment.

(5) Judicial proceedings and relief. Under the authority of Tennessee Code Annotated, § 69-3-127. The local administrative officer may initiate proceedings in the chancery court of the county in which the activities occurred against any person or industrial user who is alleged to have violated or is about to violate the pretreatment program, this section, or orders of the local hearing authority or local administrative officer. In the action, the local administrative officer may seek, and the court may grant, injunctive relief and any other relief available in law or equity.

(6) Termination of discharge. In addition to the revocation of permit provisions in §18-302(2)(g) of this chapter, users are subject to termination of their wastewater discharge for violations of a wastewater discharge permits, or orders issued hereunder, or for any of the following conditions:

(a) Violation of wastewater discharge permit conditions.

(b) Failure to accurately report the wastewater constituents and characteristics of its discharge.

(c) Failure to report significant changes in operations or wastewater volume, constituents and characteristics prior to discharge.

(d) Refusal of reasonable access to the user's premises for the purpose of inspection, monitoring or sampling.

(e) Violation of the pretreatment standards in the general discharge prohibitions in § 18-309.

(f) Failure to properly submit an industrial waste survey when requested by the pretreatment coordination superintendent.

The user will be notified of the proposed termination of its discharge and be offered an opportunity to show cause, as provided in subsection (2)(c) above, why the proposed action should not be taken.

(7) Disposition of damage payments and penalties--special fund. All damages and/or penalties assessed and collected under the provisions of this section shall be placed in a special fund by the pretreatment agency and allocated and appropriated for the administration of its wastewater fund or combined water and wastewater fund.

(8) Levels of non-compliance. (a) Insignificant non-compliance: For the purpose of this guide, insignificant non-compliance is considered a relatively minor infrequent violation of pretreatment standards or requirements. These will usually be responded to informally with a phone call or site visit but may include a Notice of Violation (NOV).

(b) "Significant noncompliance." Per 1200-4-14-.08(6)(b)8.

(i) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all of the measurements taken for each parameter taken during a six (6) month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limit.

(ii) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or more of all of the measurements for each pollutant parameter taken during a six (6) month period equal or exceed the product of the numeric pretreatment standard or requirement, including instantaneous limits multiplied by the applicable TRC (TRC=1.4 for BOD, TSS fats, oils and grease, and 1.2 for all other pollutants except pH). TRC calculations for pH are not required.

(iii) Any other violation of a pretreatment standard or requirement (daily maximum of longer-term average, instantaneous limit, or narrative standard) that the WWF determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public).

(iv) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the

environment or has resulted in the WWF's exercise of its emergency authority under § 18-305(1)(b)(i)(D), emergency order, to halt or prevent such a discharge.

(v) Failure to meet, within ninety (90) days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance.

(vi) Failure to provide, within forty-five (45) days after their due date, required reports such as baseline monitoring reports, ninety (90) day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.

(vii) Failure to accurately report noncompliance.

(viii) Any other violation or group of violations, which may include a violation of best management practices, which the WWF determines will adversely affect the operation of implementation of the local pretreatment program.

(ix) Continuously monitored pH violations that exceed limits for a time period greater than fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight (8) times in four (4) hours.

Any significant non-compliance violations will be responded to according to the Enforcement Response Plan Guide Table (Appendix A).

(9) Public Notice of the significant violations. The superintendent shall publish annually, in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the WWF, a list of the users which, at any time during the previous twelve (12) months, were in significant noncompliance with applicable pretreatment standards and requirements. The term significant noncompliance shall be applicable to all significant industrial users (or any other industrial user that violates subsections (C), (D) or (H) of this section) and shall mean:

(a) Chronic violations of wastewater discharge limits, defined here as those in which sixty six percent (66%) or more of all the measurements taken for the same pollutant parameter taken during a six (6) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including Instantaneous Limits;

(b) Technical Review Criteria (TRC) violations, defined here as those in which thirty three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six (6) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, multiplied by the applicable criteria (1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH), TRC calculations for pH are not required;

(c) Any other violation of a pretreatment standard or requirement (daily maximum of longer-term average, instantaneous limit, or narrative standard) that the WWF determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);

(d) Any discharge of a pollutant that has caused imminent endangerment to the public or to the environment, or has resulted in the superintendent's exercise of its emergency authority to halt or prevent such a discharge;

(e) Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an individual wastewater discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance;

(f) Failure to accurately report noncompliance; or

(g) Any other violation(s), which may include a violation of best management practices, which the superintendent determines will adversely affect the operation or implementation of the local pretreatment program.

(h) Continuously monitored pH violations that exceed limits for a time period greater than fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight (8) times in four (4) hours.

(10) Criminal penalties. In addition to civil penalties imposed by the local administrative officer and the State of Tennessee, any person who willfully and negligently violates permit conditions is subject to criminal penalties imposed by the State of Tennessee and the United States.

18-306. Enforcement response guide table.(1) Purpose. The purpose of this chapter is to provide for the consistent and equitable enforcement of the provisions of this ordinance.

(2) Enforcement response guide table. The applicable officer shall use the schedule found in Appendix A¹ to impose sanctions or penalties for the violation of this ordinance.

18-307. 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.

¹Appendix A, Enforcement Response Guide Response Table, is available in the office of the recorder.

(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) Surcharge fees (see Table C);
- (e) Waste hauler permit;
- (f) Industrial wastewater discharge permit fees;
- (g) Fees for industrial discharge monitoring; and
- (h) 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 § 18-302 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. The board of mayor and aldermen shall establish monthly rates and charges for the use of the wastewater system and for the services supplied by the wastewater system.

(6) Industrial wastewater discharge permit fees. A fee may be charged for the issuance of an industrial wastewater discharge fee in accordance with § 18-307 of this chapter.

(7) Fees for industrial discharge monitoring. Fees may be collected from industrial users having pretreatment or other discharge requirements to compensate the town for the necessary compliance monitoring and other administrative duties of the pretreatment program.

(8) Administrative civil penalties. Administrative civil penalties shall be issued according to the following schedule. Violation are categorized in the Enforcement Response Guide Table (Appendix A). The local administrative officer may assess a penalty within the appropriate range. Penalty assessments are to be assessed per violation per day unless otherwise noted.

Category 1	No penalty
Category 2	\$50.00-\$500.00
Category 3	\$500.00-\$1,000.00
Category 4	\$1,000.00-\$5,000.00
Category 5	\$5,000.00-\$10,000.00

18-308. Validity. This chapter and its provisions shall be valid for all service areas, regions, and sewage works under the jurisdiction of the town.

CHAPTER 4

CROSS-CONNECTION CONTROL ORDINANCE¹

SECTION

- 18-401. Definitions.
- 18-402. Standards.
- 18-403. Construction, operation, and supervision.
- 18-404. Inspections required.
- 18-405. Right of entry for inspections.
- 18-406. Correction of existing violations.
- 18-407. Use of backflow assemblies.
- 18-408. Testing and repairs.
- 18-409. Non-potable water to be labeled.
- 18-410. Violation and penalty.

18-401. Definitions. The following definitions and terms shall apply in the interpretation and enforcement of this ordinance.

(1) "Air gap." An air gap separation between the free flowing discharge end of a potable water supply line and an open or non-pressurized receiving vessel.

(2) "Approved." Any condition, method, device, procedure accepted by the Tennessee Department of Environment and Conservation, Division of Water Supply, and Water Provider.

(3) "Approved air gap." An air gap separation with a minimum distance of at least twice the diameter of the supply line when measured vertically above the overflow rim of the vessel, but in no case less than one inch (1").

(4) "Auxiliary intake." Any piping connection or other device whereby water may be secured from any sources other than the public water system.

(5) "Backflow." The reversal of the intended direction of flow of water or mixtures of water and other liquids, gasses, or other substances into the distribution pipes of a potable water system from any source.

(6) "Backflow prevention assembly." An approved assembly designed to prevent backflow.

(7) "Backpressure." A pressure in the downstream piping that is higher than the system pressure.

¹Municipal code references

Plumbing code: title 12.

Water and sewer system administration: this title, chapter 1.

Wastewater treatment: this title, chapter 2.

(8) "Backsiphonage." Negative or sub-atmospheric pressure in the supply piping.

(9) "Bypass." Any system of piping or other arrangement whereby water may be diverted around a backflow prevention assembly, meter, or any other public water system controlled device.

(10) "Contaminant." Any substance introduced into the public water system that will cause illness or death.

(11) "Contamination." The introduction or admission of any foreign substance that causes illness or death.

(12) "Cross-connection." Any physical arrangement whereby public water supply is connected, directly or indirectly, with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture or other device which contains, or may contain, contaminated water, or other waste or liquid of unknown or unsafe quality which may be capable of contaminating the public water supply as a result of backflow caused by the manipulation of valves, because of ineffective check valves or backpressure valves or because of any other arrangement.

(13) "Cross-connection control coordinator/manager." The person who is vested with the authority and responsibility for the implementation of the cross-connection control program and for the provision of this ordinance/policy.

(14) "Direct cross-connection." An actual or potential cross-connection subject to backsiphonage and backpressure.

(15) "Double check detector valve assembly." A specially designed assembly composed of line size approved double check valve assembly, with a bypass containing a water meter and approved double check valve assembly specifically designed for such application. The meter shall register accurately for very low rates of flow up to three (3) gallons per minute and shall show a registration for all rates of flow. This assembly shall only be used to protect against non-health hazards and is designed primarily for use on fire sprinkler systems.

(16) "Double check valve assembly." An assembly of two (2) internally loaded check valves, either spring loaded or internally weighted, installed as a unit between tightly closing resilient seated shutoff valves and fitted with properly located resilient seated test cocks. This type of device shall only be used to protect against non-health hazard pollutants.

(17) "Failed." The status of a backflow prevention assembly determined by a performance evaluation based on the failure to meet all minimums set forth by the approved testing procedure.

(18) "Fire system classification protection." The classes of fire protection systems, as designated by the American Water Works Association "M14" for cross-connection control purposes based on water supply source and the arrangement of supplies, are as follows:

Class 1: Direct connection to the public water main only; no pumps; tanks; or reservoirs; no physical connection from other water

supplies; no antifreeze or other additives of any kind; all sprinkler drains discharging to the atmosphere, dry well or other safe outlets.

Class 2: Same as Class 1, except booster pumps may be installed in connection from the street mains.

Class 3: Direct connection to public water supply mains in addition to any one (1) or more of the following: elevated storage tanks; fire pumps taking suction from above ground covered reservoirs or tanks; and pressure tanks.

Class 4: Directly supplied from public water supply mains, similar to Class 1 and Class 2, with an auxiliary water supply dedicated to fire department use and available to premises, such as an auxiliary supply located within one thousand seven-hundred feet (1,700') of pumper connection.

Class 5: Directly supplied from public water supply mains and an interconnection with auxiliary supplies such as pumps taking suction from reservoirs exposed to contamination, or from rivers, ponds, wells or industrial water systems; where antifreeze or other additives are used.

Class 6: Combined industrial and fire protection systems supplied from the public water mains only, with or without gravity storage or pump suction tanks.

(19) "Hazard, degree of." A term derived from evaluation of the potential risk to public health and the adverse effect of the hazard upon the public water system.

(20) "Hazard, health." A cross-connection or potential cross-connection involving any substance that could, if introduced in the public water supply, cause death, illness, and spread disease. Also known as "high hazard."

(21) "Hazard, non-health." A cross-connection or potential cross-connection involving any substance that would not be a health hazard but would constitute a nuisance or be aesthetically objectionable if introduced into the public water supply. Also known as "low hazard."

(22) "Indirect cross-connection." An actual or potential cross-connection subject to backsiphonage only.

(23) "Industrial fluid." Any fluid or solution that may be chemically, biologically, or otherwise contaminated or polluted in a form or concentration that could constitute a health, system, pollution, or plumbing hazard if introduced into the public water supply. This shall include, but is not limited to: polluted or contaminated water; all type of process water or used water originating from the public water system and that may have deteriorated in a sanitary quality; chemicals; plating acids and alkalis; circulating cooling water connected to an open cooling tower; cooling towers that are chemically or biologically treated or stabilized with toxic substance; contaminated natural water systems; oil, gases, glycerin, paraffin, caustic, and acid solutions, and other liquids or gases used in industrial processes, or for fire purposes.

(24) "Inspection." An on-site evaluation of an establishment to determine if backflow prevention assemblies are needed by the customer to protect the public water system from actual or potential cross-connections.

(25) "Interconnection." Any system of piping or other arrangement whereby a public water supply is connected directly with a sewer, drain, conduit, or other device, which does, or may carry sewage or not.

(26) "Passed." The status of a backflow prevention assembly determined by a performance evaluation in which the assembly meets all minimums set forth by the approved testing procedure.

(27) "Performance evaluation." An evaluation of and approved double check valve assembly or reduced pressure principle assembly (including approved detector assemblies) using the latest procedures in determining the status of the assembly.

(28) "Pollutant." A substance in the public water system that would constitute a non-health hazard and would be aesthetically objectionable if introduced into the public water supply.

(29) "Pollution." The presence of a pollutant or substance in the public water system that degrades its quality so as to constitute a non-health hazard.

(30) "Potable water." Water that is safe for human consumption as prescribed by the Tennessee Department of Environment and Conservation, Division of Water Supply.

(31) "Pressure vacuum breaker assembly." An assembly consisting of one (1) or two (2) independently operating spring loaded check valve(s) and an independently operating, mechanically dependent, pressure differential relief valve located between the check valves and below the first check valve. These units shall be located between two (2) tightly closing resilient seated shutoff valves as an assembly and equipped with properly located resilient seated test cocks.

(32) "Reduced pressure principle assembly." An assembly consisting of two (2) independently acting approved check valves together with hydraulically operating, mechanically independent, pressure differential relief valve located between the check valves and below the first check valve. These units shall be located between two (2) tightly closing resilient seated shutoff valves as an assembly and equipped with properly located resilient seated test cocks.

(33) "Reduced pressure principle detector assembly." A specially designed assembly composed of a line-size approved reduced pressure principle backflow prevention assembly with a bypass containing a water meter and approved reduced pressure principle backflow prevention assembly specifically designed for such application. The meter shall register accurately for very low flow rates of flows up to three (3) gallons per minute and shall show registration for all flow rates. This assembly shall be used to protect against non-health and health hazards and used for internal protection.

(34) "Service connection." The point of delivery to the customer's water system; the terminal end of a service connection from the public water system

where the water department loses jurisdiction and control over the water. "Service connection" shall include connection to the fire hydrants and all other temporary or emergency water service connections made to the public water system.

(35) "State." The State of Tennessee, Tennessee Department of Environment and Conservation, Division of Water Supply.

(36) "Survey." An evaluation of a premise by a water system performed for the determination of actual or potential cross-connection hazards and the appropriate backflow prevention needed.

(37) "Water system." The water system operated, whether located inside or outside, the corporate limits thereof, shall be considered as made up of two (2) parts, the utility system and the customer system.

(a) The utility system shall consist of the facilities for the production, treatment, storage, and distribution of water, and shall include all those facilities of the water system under the complete control of the water department, up to the point where the customer's system begins (i.e., downstream of the water meter);

(b) The customer system shall include those parts of the facilities beyond the termination of the water department distribution system that are utilized in conveying water to the point of use. (Ord. #05-11, Sept. 2011)

18-402. Standards. The Town of Monteagle shall comply with Tennessee Code Annotated, § 68-221-101, et seq., and §§ 68-221-701 through 68-221-720 and § 68-221-711, as well as rules and regulations for establishing an ongoing program to control these undesirable water uses, as well as the Federal Safe Drinking Water Act and regulations.

The Town of Monteagle will regulate the laws and regulations as previously stated to all customers of the water system. (Ord. #05-11, Sept. 2011)

18-403. 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. Any person whose premises are supplied with water from the public water supply, and whose premises also have a separate source of water, notify the public water department for inspection to insure no actual or potential cross-connection exists. (Ord. #05-11, Sept. 2011)

18-404. Inspection required. It shall be the duty of the Monteagle Public Utility Department to inspect any and/or all facilities connected to the public water supply to insure compliance with this chapter. (Ord. #05-11, Sept. 2011)

18-405. Right of entry for inspections. The board of mayor and aldermen, or their authorized representative shall have the right to enter, with reasonable notice, any customer's property and premises served by the public water supply for the purpose of inspecting the piping system or systems thereof for cross-connections. The water department may request the owner, lessee or occupant of any property connected to the public water system to supply information regarding the piping system/systems. Failure to supply this information shall be deemed evidence of the presence of a cross-connection and further action will result. (Ord. #05-11, Sept. 2011)

18-406. Correction of existing violations. Any premises found to have an existing cross-connection, auxiliary intake, bypass, interconnection, etc. will be in violation of this chapter. The board of mayor and aldermen or their authorized representative will work with the violator and issue guidance and a time for the resolve of the problem. In no instance will the time exceed thirty (30) days. (Ord. #05-11, Sept. 2011)

18-407. Use of backflow assemblies. (1) The Monteagle Water Department will follow the state with current approved backflow assemblies as deemed necessary by the representative of the water department.

(2) The Monteagle Water Department representative will provide backflow prevention assembly installation guidelines that must be met to comply with this chapter. The cost of the installation, maintenance, testing and repair of backflow assemblies will be the responsibility of the owner, lessee or occupant.

(3) The Monteagle Water Department representative will evaluate current backflow prevention assembly installations and offer guidance, that must be met, to comply with this chapter. The cost of the installation, maintenance, testing and repair of backflow assemblies will be the responsibility of the owner, lessee or occupant.

(4) The board of mayor and aldermen shall require the owner, lessee or occupant, at their expense, of the premises insure their backflow device/devices are working properly and the Monteagle Water Department must receive copies of their test reports for each backflow device. The test reports must be received in Monteagle Town Hall not later than June 15 of each year. For the year 2011 only, this documentation must be received in Monteagle Town Hall not later than October 24. The testing requirement is within a twelve (12) month period for each backflow device. (Ord. #05-11, Sept. 2011)

18-408. Testing and repairs. The testing and any needed repairs shall be done by qualified personnel with calibrated equipment and approved by the Monteagle Water Department. All cost of testing and/or needed repairs will be the responsibility of the owner, lessee or occupant. Results of an annual test

conducted by a qualified company must be submitted to the town every twelve (12) months. (Ord. #05-11, Sept. 2011, modified)

18-409. Non-potable water to be labeled. The Monteagle Water Department will assist any owner, lessee, or occupant with guidance for labeling of any non-potable water that exists on their premises. All cost of labeling will be the responsibility of the owner, lessee or occupant. (Ord. #05-11, Sept. 2011)

18-410. Violation and penalty. Any person who neglects or refuses to comply with any of the provisions of this chapter shall be assessed a civil penalty of one hundred dollars (\$100.00) charged to their utility account and each day of continued violation shall constitute a separate offense. In addition to the foregoing penalty, the Monteagle Water Department shall discontinue the public water supply service to any premises upon which there is found to be a cross-connection, auxiliary intake, bypass, interconnection or any potential for contamination of the public water supply. Service will not be re-connected until such cross-connection, auxiliary intake, bypass, interconnection or any potential for contamination of the public water supply has been eliminated. (Ord. #05-11, Sept. 2011)

CHAPTER 5**FATS, OILS AND GREASE (FOG) ORDINANCE****SECTION**

- 18-501. Purpose.
- 18-502. Definitions.
- 18-503. Control plan and permitting for FOG and food waste.
- 18-504. Installation.
- 18-505. Design criteria.
- 18-506. Grease trap maintenance.
- 18-507. Additives.
- 18-508. Chemical treatment.
- 18-509. Sand, soil, and oil interceptors.
- 18-510. Laundries.
- 18-511. Control equipment.
- 18-512. Violation and penalty.

18-501. Purpose. The purpose of this ordinance is to control discharges into the public sewerage collection system and wastewater plant that interferes with the operation of the system, cause blockage and plugging of pipelines, interfere with normal operation of grinder and lift station pumps, transfer pumps, and their controls, and contribute waste of a strength or form that either causes transmission line or treatment difficulties or is beyond the treatment capability of the wastewater treatment plant. (Ord. #06-11, Nov. 2011)

18-502. Definitions. (1) "Food service facilities." Those establishments primarily engaged in activities of preparing, serving, or otherwise making available for consumption foodstuffs and that use one (1) or more of the following preparation activities: cooking by frying (all methods), baking (all methods), grilling, sauteing, rotisserie cooking, broiling, (all methods) boiling, blanching, roasting, toasting, or poaching. Also included are infrared heating, searing, barbecuing, and any other food preparation activity that produces a hot, non-drinkable food product in or on a receptacle that requires washing. These facilities include restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants, and any other sewer users as determined by the Town of Monteagle's utility director, or his/her representative.

(2) "Grease." Material composed primarily of Fats, Oil, and Grease (FOG) from animal or vegetable sources. The terms fats, oils, and grease shall be deemed as "grease" by definition. Grease does not include petroleum-based products. Petroleum-based products are strictly prohibited.

(3) "Grease trap." A device for separating and retaining waterborne greases and grease complexes prior to the wastewater exiting the trap and

entering the sanitary sewer collection and treatment system. These devices also serve to collect settleable solids, generated by and from food preparation activities, prior to the water exiting the trap and entering the sanitary sewer collection and treatment system.

(4) "Oil/water separator." An approved and industry standard system that is specifically designed and manufactured to separate FOG from water. The system shall allow the FOG to be removed on a regular basis as to prevent it from being discharged into the wastewater collection system. Only FOG separators manufactured for that specific operation will be approved. Adequate support literature from the manufacturer will be required to allow a proper review of the device. These devices must have the approval by the Town of Monteagle's utility director or his/her representative.

(5) "User." Any person or establishment, including those located within the Monteagle Public Utility Board's district, which contributes, causes, or permits the contribution or discharge of wastewater into the town's wastewater collection or treatment system, including persons who contribute such wastewater from mobile sources, such as those who discharge hauled wastewater or mobile food service units. (Ord. #06-11, Nov. 2011)

18-503. Control plan and permitting for FOG and food waste.

(1) Any new construction, renovation, or expansion of food service facilities shall be required to submit to the town a FOG and waste control plan that will effectively control the discharge of undesirable materials into the wastewater collection system. New establishments shall file for a permit application, which will include a control plan that will effectively control the discharge of undesirable materials into the wastewater collection system. Existing businesses not having a collection device will not be exempt "or grandfathered" and will need to install a collection device and be required to file a plan to receive a permit to discharge into the wastewater collection system.

(2) For all food service facilities in operation to December 31, 2011, alternative methods or devices will be considered and if technology is supported by proven techniques, the utility director may grant a permit for the installation of such method or device. (Ord. #06-11, Nov. 2011)

18-504. Installation. (1) Installation requirements. All existing, proposed, or newly remodeled food service facilities inside the Town of Monteagle wastewater service area shall be required to install, at the user's expense an approved, and properly operated and maintained grease trap. For all food service facilities in operation prior to December 31, 2011, alternative methods or devices will be considered and if technology is supported by proven techniques, the utility director may grant a permit for the installation of such method or device.

(2) Sanitary sewer flows. Sanitary sewer flows from toilets, urinals, lavatories, etc. will not be discharged into the grease trap. These flows will be

conveyed separately to the sanitary sewer service lines. Alternative methods or devices will only be considered for existing food service facilities prior to December 31, 2011, for discharge of sanitary waste and grease in the same line if the method is approved by the utility director.

(3) Floor drains. Only floor drains that discharge or have the potential to discharge grease will be connected to a grease trap.

(4) Garbage grinders/disposers. It is recommended that solid waste products be disposed of through normal solid waste/garbage disposal means. If a grinder/disposal is used it must be connected to the grease trap. The use of grinders is discouraged since it decreases the operational capacity of the grease trap and will require an increased pumping frequency to ensure continuous and effective operation.

(5) Dishwashers. Commercial dishwashers must be connected to the grease traps or methods, or devices approved by the utility director. Dishwashers discharge soap and hot water that can melt grease and allow it to pass through an undersized grease trap. Traps will be sized accordingly to allow enough detention time to allow water to cool and grease to solidify and float to the top of the traps, methods, or devices approved by the utility director.

(6) Location. Grease traps shall be installed outside the building upstream from the sanitary sewer service line connection. This will allow for easy access for inspection, cleaning, and removal of the intercepted grease at any time. A grease trap may not be installed inside any part of a building without approval of the utility department.

(7) Pass through limits. No user will allow wastewater discharge concentration from grease traps to exceed one hundred milligrams per liter (100 mg/L) as identified by EPA method 413.

(8) The customer is responsible for all cleaning/pumping of grease traps, methods, or devices and frequency of such. The grease traps, methods, or devices may require more frequent maintenance if certain traps, methods, or devices are used. (Ord. #06-11, Nov. 2011)

18-505. Design criteria. (1) Construction. Grease traps should be constructed in accordance with accepted standards for grease traps. They shall have a minimum of two (2) compartments with fittings designed for grease retention. All grease removal from the traps shall be based on demonstrated efficiencies of the trap.

(2) Access. Access to grease traps or methods or devices approved by the utility director, or his/her representative shall be available at all times, to allow for their maintenance and inspection. Access to the traps or methods or devices shall be provided by two (2) manholes (or access ports) one (1) for each compartment terminated at finished grade with a suitable frame and cover.

(3) Load bearing capacity. In areas where additional weight loads may exist, the grease trap shall be designed to have adequate load-bearing capacity. (An example: vehicular traffic in a drive or parking area.)

(4) Inlet and outlet piping. Wastewater discharging to a grease trap shall enter only through the inlet pipe of the trap. Each grease trap shall have only one (1) inlet and one (1) outlet pipe.

(5) Grease trap sizing. The required size of the grease trap shall have a capacity calculated by the formula $D \times GL \times l^2 \times 1R/2 \times LF$. D= NUMBER OF SEATS IN THE DINING ROOM, GL = 5 GALLONS OF WASTE PER MEAL, HR= NUMBER OF HOURS RESTAURANT IS OPEN, LF =THE LOADING FACTOR (1.25 FOR AN INTERSTATE LOCATION) (1.0 FOR FREEWAY/HIGHWAY) (0.75 FOR A MAIN THROUGHFARE) (0.5 FOR OTHER HIGHWAYS). The formula would give a thirty-five (35) seat restaurant with five (5) gallons of waste per meal open for eleven (11) hours divided by two (2) with a loading factor of 0.5 restaurants on an other highway needing a grease trap of four hundred eighty one (481) gallons of interceptor size. The facility is to submit additional sizing and designs for approval. (Ord. #06-11, Nov. 2011)

18-506. Grease trap maintenance. (1) Cleaning/pumping. The facility at their expense shall maintain all grease traps to assure proper operation and efficiency to maintain compliance with the Town of Monteagle's pass through limits. Maintenance of the grease trap shall include the complete removal of all contents, including floating materials, wastewater, and bottom sludge and solids. This work should be done by a qualified and licensed waste hauler. Decanting or discharging of removed waste back into the trap from which it was removed or any other grease trap, for reducing the volume to be disposed of, is prohibited. This service shall also include a thorough inspection of the trap and its components. Any needed repairs shall be noted. Repairs shall be made at the user's expense.

(2) Cleaning/pumping frequency. The grease trap must be pumped out completely a minimum of once every four (4) months, or more frequently as determined by business volume determines, to prevent a carryover of grease to the sanitary sewer system.

(3) Disposal. All waste removed from each grease trap must be disposed of at a facility approved to receive such waste in accordance with state regulations. In no way should the pumpage be returned to any private or public portion of the town's sanitary sewer collection system. All pumpage from the grease traps should be receipted for by the hauler and the grease trap owner must keep a copy.

(4) Maintenance log. A grease trap cleaning/maintenance log indicating each pumping for the previous twenty-four (24) months shall be maintained by each grease trap owner. The log shall include the date, time, amount pumped, hauler, and disposal site and be kept in a conspicuous location for inspection. The log should be made available upon request of the town's representative.

(5) Submittal of records. Each user shall submit all cleaning and maintenance to the town's representative inspecting the facility. The

maintenance records shall include the facility name, address, contact person, and the person responsible for performing the maintenance, cleaning, pumping or repair of the grease trap. Types, if any, of maintenance performed and the dates performed, date of next scheduled maintenance, and copies of pumping manifests. The facility shall be required to submit these records to the town on a bi-annual basis (twice a year) on March 1 and September 1. The records should be sent to Utility Director, Monteagle Town Hall, P.O. Box 127, 16 Dixie Lee Hwy, Monteagle, TN 37356.

It is the Town of Monteagle's intent to perform periodic inspections of these facilities and shall notify the user of any additional required maintenance or needed repairs. Upon written notification by the town, the user shall be required to perform the maintenance within fourteen (14) calendar days of receipt of notification. Upon inspection and at the user's expense, it may be required of the owner to install additional controls to provide a complete system that will not compromise the wastewater collection system. (Ord. #06-11, Nov. 2011)

18-507. Additives. Any biological additive placed into the grease trap or building discharge line including, but not limited to enzymes, commercially available bacteria, or other additives designed to absorb, purge, consume, treat, or otherwise eliminate Fats, Oils, and Grease (FOG) shall require written approval from the waste system operator prior to use. The use of such additives shall in no way be considered as a substitution to the maintenance procedures required within this chapter. (Ord. #06-11, Nov. 2011)

18-508. Chemical treatment. Chemical treatments such as drain cleaners, acid, or other chemical solvents designed to dissolve or remove grease shall not be allowed to enter the grease trap. (Ord. #06-11, Nov. 2011)

18-509. Sand, soil, and oil interceptors. All car washes, truck washes, garages, service stations, car and truck maintenance facilities, fabricators, utility equipment shops, and other facilities (determined by waste control personnel) that have sources of sand, soil, and oil shall install effective traps, interceptors, and oil/water separators. These systems shall be sized to effectively remove sand, oil, and soil at the expected flow rates. These systems shall be at the owner's expense and cleaned or pumped on a regular basis to prevent impact upon the wastewater collection system. Users with systems that are ineffective shall be asked to clean their traps on a more frequent basis or to increase their trap sizes. Owners of washing facilities will be required to prevent the inflow of detergents and rainwater into the wastewater collection system. Oil water separation devices shall be required at facilities that accumulate petroleum oils and greases and at all other facilities deemed necessary by the wastewater personnel. (Ord. #06-11, Nov. 2011)

18-510. Laundries. Commercial laundries shall be equipped with an interceptor with a wire basket or similar device, removable for cleaning, that prevents passage (into the wastewater system) of solids one-half inch (1/2") or larger in size such as rags, strings, buttons, or other solids detrimental to the wastewater system. (Ord. #06-11, Nov. 2011)

18-511. Control equipment. The equipment or facilities installed to control FOG, food waste, sand, soil, oil, and lint must be designed in accordance with the plumbing code, the Tennessee Department of Environment and Conservation guidelines, most current engineering standards, or other applicable guidelines approved by the wastewater system operators. Underground facilities must be sealed tightly to prevent inflow of rainwater and shall be easily accessible to allow regular maintenance and inspection.

The owner and/or operator of the facility to prevent a stoppage of the wastewater collection system, and the accumulation of FOG, food waste, sand, soil, and lint in the collection lines, pump stations, and wastewater treatment plant shall maintain control equipment. If the Town of Monteagle is required to clean out the wastewater collection lines, as a result of a stoppage resulting from poorly maintained control equipment (or lack of any control equipment) the owner/operator shall be required to refund the labor equipment, materials, and any overhead costs to the Town of Monteagle including any fines incurred due to any sanitary sewer overflow due directly to the stoppage.

The Town of Monteagle reserves the right to inspect and approve all installation of control equipment. (Ord. #06-11, Nov. 2011)

18-512. Violation and penalty. Any person or entity that violates this ordinance in part or completely shall be found in civil violation punishable by the Town of Monteagle. Each day's violation of this ordinance will be considered a separate offense. Each offense will have a fifty dollar (\$50.00) fine and court costs. Water will be disconnected immediately for all instances until the problem is remedied and all fines are paid. Verification of the remedy will be by a Town of Monteagle representative. (Ord. #06-11, Nov. 2011)