

**TITLE 18**

**WATER AND SEWERS<sup>1</sup>**

**CHAPTER**

1. WATER AND SEWERS.
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3. SEWAGE AND HUMAN EXCRETA DISPOSAL.
4. CROSS CONNECTIONS, AUXILIARY INTAKES, ETC.

**CHAPTER 1**

**WATER AND SEWERS<sup>2</sup>**

**SECTION**

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**18-101. Water rates, sewer service charges, water "turn-on" charge.** The rate for the use of the water and sewer services of the City of Lake City shall be and the same are hereby fixed as follows:

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<sup>1</sup>Charter references: §§ 3, 13A, and 13D.

Municipal code references

Building, utility and housing codes: title 12.

Refuse disposal: title 17.

<sup>2</sup>Charter reference

Water and sewer commission: § 13A.

Standard Monthly Rates for Single Residential Water Users

First 2,000 gallons	\$11.90 (minimum monthly bill)
All over 2,000 gallons	\$5.90 per thousand gallons proportionally for fractional parts thereof.

The term "single residential" shall apply to those customers who are considered as, or being, a single private dwelling.

Standard Monthly Rates for All Other Users

First 2,000 gallons	\$19.00 (minimum monthly bill)
All over 2,000 gallons	\$6.40 per thousand gallons proportionally for fractional parts thereof.

The term "all other" shall apply to every use and purpose not considered as, or being, a single private dwelling.

Where sanitary sewer services are available, each customer shall pay a sewer charge at the rate of one hundred percent (100%) of the net water bill regardless if connection is made to sewer or not.

Any customer within the corporate limits of the City of Lake City who cannot be connected to the water system due to prior contract shall be billed for sewer usage at the same rate as those customers currently billed at the "single residential" or "all other" rate, whichever applies, but in no event less than eleven dollars and ninety cents (\$11.90) per month for single residential or nineteen dollars (\$19.00) per month for "all other users."

Any residential customer within the corporate limits who is not a metered customer of any recognized water service utility shall be billed for sewer usage at a rate of nineteen dollars (\$19.00) per month for "single residential" or twenty-five dollars (\$25.00) per month for "all other users." (Ord. #354, July 1995, as amended by Ord. #364, March 1997; Ord. #374, May 1998; Ord. #391, Feb. 2001; Ord. #394, June 2001; Ord. #401, June 2002; Ord. #408, June 2003; Ord. #417, June 2004; and Ord. #425, June 2005, as replaced by Ord. #431, June 2006, and further replaced by Ord. #439, June 2007)

**18-102. Water meters, date bills are to be paid, delinquent bills, and discontinuance of service.** Each customer shall be entitled to have the water used on his premises measured by a water meter of standard make to be furnished by the City of Lake City. If for any reason the City of Lake City is unable to furnish a water meter to any particular customer, the rate for the customer shall be the minimum monthly rate for the time during which no water meter was installed. All meters shall be and remain the property of the City of Lake City.

All meters shall be read by the City of Lake City on or about the first day of each month, and a statement shall be sent to the customer. All amounts due as shown on the statement must be paid by the customer on or before the fifth day of the following month for which the customer was sent a statement, unless the fifth falls on a Saturday, Sunday, or holiday, in which case the bill must be paid on the following business workday.

In the event any current monthly bill, rate, or charge is not paid on the dates set out above, there shall be an additional ten percent (10%) added to the amount due.

In the event a customer fails to pay the amount due the City of Lake City for services on or before the fifth day of the following month, said customer shall be subject to having his services discontinued immediately. A service charge of twenty-five dollars (\$25) plus all outstanding water and sewer accounts shall be paid before services can be resumed. (Ord. #354, July 1995, as amended by Ord. #364, March 1997)

**18-103. Deposits and tap fees, extension policy, permit and inspection requirements.** (1) Any person, firm, corporation, or institution, inside the city limits, requesting water services of the City of Lake City shall be required to make a deposit as follows:

Owner-occupied dwelling	fifty dollars (\$50)
All other dwelling units	one hundred dollars (\$100)
All other users	one hundred dollars (\$100)

The amount so deposited shall be returned to the person making a deposit at the time the services are discontinued, after any amount due for services has been deducted.

Water tap. For every water tap made on a main water line, inside the city limits of the City of Lake City, the person having said tap shall pay to the water and sewer department the following:

Three-quarter (3/4") inch tap	three hundred seventy five dollars
One (1") inch tap	five hundred twenty five dollars
Two (2") inch tap	one thousand dollars
Six inch tap (6")	one thousand dollars per inch of pipe diameter. All taps above six-inch diameter shall be at the rate of one thousand dollars per inch diameter.

Sewer tap. For every sewer tap made on a main sewer line inside the city limits of the City of Lake City, the person having said tap shall pay to the water and sewer department the following:

Four (4") inch tap	three hundred seventy five dollars
Six (6") inch tap	five hundred twenty five dollars
Eight (8") inch tap	nine hundred dollars

(2) All customers applying for water service after August 1, 2002, where private fire hydrants and fire sprinkler piping are required shall be metered along with other potable water. The meter, location of the meter, and the installation shall be approved by the city.

After August 1, 2002, customers who are served by private fire hydrants and fire sprinkler piping, and who are found using unmetered water, shall be required to provide and install a city approved meter for such service as a condition for further service, pay the city for estimated water loss, and may be subject to criminal prosecution. (Ord. #354, July 1995, as amended by Ord. #364, March 1997, and Ord. #406, Aug. 2002)

**18-104. Tampering with or damaging facilities.** It shall be unlawful for any person to tamper with a water meter, water or sewer line, or to in any manner damage same, or cut on or cut off the supply of water from the premises without proper authority or reason. It shall also be unlawful for any person to do any act determined to be destructive or damaging to the water and sewer system or to hamper its operation, and any person convicted of same shall be fined under the general penalty clause for this code. (1968 Code, § 13-104)

**18-105. Water and sewer services outside corporate limits.** Any person, firm, corporation or institution, living outside the corporate limits requesting water and sewer services of the City of Lake City shall be required to make a deposit as follows:

All dwelling units	one hundred dollars (\$100)
All other users	one hundred dollars (\$100)

The deposit shall be returned to the person making a deposit at the time the services are discontinued, and after any amount due for services has been deducted.

For every water tap made on a main water line to outside users, the customer having said tap made shall pay to the Lake City Water and Sewer Department the following:

Three quarter (3/4") inch tap	three hundred seventy five dollars
One (1") inch tap	five hundred twenty-five dollars
Two (2") inch tap	one thousand dollars

For any water tap in excess of two inches (2") the person having tap made shall pay the two-inch (2") tap fee of one thousand dollars (\$1,000.00) and the cost of the installation. The superintendent of the department shall estimate the costs of the water tap installation, and said estimated amount shall be paid prior to installation of the water tap.

The rate for the usage of water and or sewer services by outside "single residential" users are as follows:

First 2,000 gallons	\$18.60 minimum monthly bill
All over 2,000 gallons	\$6.00 per thousand gallons and proportionally for fractional parts thereof.

Where sanitary sewer services are used by outside water customers, they shall pay a sewer charge at the rate of one hundred percent (100%) of the net water bill. All amounts are based on water consumption as read from water meters owned and maintained by the City of Lake City or the various water owners.

Any single dweller living outside the corporate limits requesting sewer services of the City of Lake City shall be required to pay the water and sewer department the following sewer tap fee:

Four inch tap (4")	four hundred fifty dollars (\$450)
Six-inch tap (6")	nine hundred dollars (\$900)
Eight inch tap (8")	fifteen hundred dollars (\$1,500)

No more than two (2) dwelling can be on a four (4) inch tap.

Standard Sewer Rates for All Other Sewer Users

First 2,000 gallons	\$19.00 minimum monthly bill
All over 2,000 gallons	\$8.50 per thousand gallons and proportional for fractional parts thereof.

Public institutions, large commercial users, and industries; tap on fees and sewer rates could be negotiated according to their type and amount of discharge but in no event can the rate be lower than what is set out as above.

If for any reason a residential customer is not being metered by a utility, then his sewer rate will be nineteen dollars (\$19.00) per month and all other users will be twenty-five (\$25.00) per month.

All other laws or ordinances set by the Board of Mayor and Council of the City of Lake City relative to the Lake City Water Department other than those above shall apply to these outside users. (Ord. #354, July 1995, as amended by Ord. #364, March 1997; Ord. #374, May 1998; Ord. #391, Feb. 2001; Ord. #394, June 2001; Ord. #401, June 2002; Ord. #408, June 2003; Ord. #417, June 2004; and Ord. #425, June 2005, as replaced by Ord. #431, June 2006, and further replaced by Ord. #439, June 2007)

**18-106. Fluoridation of water supply.** (1) The Lake City Water Department is hereby authorized and instructed to make plans for the fluoridation of the water supply of the City of Lake City; to submit such plans to the Department of Health of the State of Tennessee for approval, and upon approval to add such chemicals as fluoride to the water supply in accord with such approval as will adequately provide for the fluoridation of said water supply.

(2) That the cost of such fluoridation will be borne by the revenues of the Water Department of the City of Lake City, Tennessee. (1968 Code, § 13-106)

**18-107. Fire hydrant rental.** The City of Lake City shall pay an annual minimum fire hydrant rental fee of \$3,000 per year or any other amount so set forth by a vote of the board of mayor and council. The City of Lake City shall also bear the expense of purchasing, installation, maintenance, upkeep, repairs, etc., incurred by the fire hydrants. (1968 Code, § 13-107)

**18-108. Adjustments.** The rates and conditions set forth in this chapter, as well as adjustments to monthly statements, can only be changed or altered by a vote of the board of mayor and council except in the event of an error in billing, meter reading, etc., and such changes shall be made by the office staff. (1968 Code, § 13-108)

**18-109. Connecting or maintenance of storm water, etc. with sanitary sewers.** No occupant, firm, or corporation shall connect any of the following: rain water leaders, down spouts, cisterns, overflows, surface drains, unpolluted water from air conditioning systems, industrial cooling operation, swimming pools, or the like, in any manner so as to discharge into any public sanitary sewer which empties into any sewage ejector or sewage disposal plant maintained by the City of Lake City, Tennessee.

Any connection which is presently attached shall be removed immediately or within a time that the board of mayor and council considers reasonable. However, the city shall have the right to disconnect or correct any present discharge if the city feels there is an emergency situation.

The service director, building inspector, water and sewer superintendent, or such other authorized personnel, may enter upon any private or public premises to make inspection thereof for the purpose of determining whether or not the owner or occupant of the same is complying with the provision of this chapter.

Any occupant, firm, or corporation, violating the provisions of this chapter shall be punished by a fine of not less than \$2.00 nor more than \$50.00 and that each separate day shall be considered a violation. (1968 Code, § 13-109)

## CHAPTER 2

### SUPPLEMENTARY SEWER REGULATIONS<sup>1</sup>

#### SECTION

- 18-201. General provisions.
- 18-202. Connection to public sewers.
- 18-203. Private domestic wastewater disposal.
- 18-204. Regulation of holding tank waste disposal.
- 18-205. Applications for domestic wastewater discharge and industrial wastewater discharge permits.
- 18-206. Discharge regulations.
- 18-207. Industrial user monitoring, inspection reports, records, access and safety.
- 18-208. Enforcement and abatement.
- 18-209. Penalty: costs.
- 18-210. Fees and billing.
- 18-211. Validity.

**18-201. General provisions.** (1) Purpose and policy. This chapter sets forth uniform requirements for the disposal of wastewater in the service area of the City of Lake City, Tennessee, wastewater treatment system. The objectives of this chapter are:

- (a) To protect the public health;
- (b) To provide problem free wastewater collection and treatment service;
- (c) To prevent the introduction of pollutants into the municipal wastewater treatment system which will interfere with the system operation, will cause the city's discharge to violate its National Pollutant Discharge Elimination System (NPDES) permit or other applicable state requirements or will cause physical damage to the wastewater treatment facilities;
- (d) To provide for full and equitable distribution of the cost of wastewater treatment system;
- (e) To enable the City of Lake City to comply with the provisions of the Federal Clean Water Act, the General Pretreatment Regulations (40 CFR, Part 403), and other applicable federal and state laws and regulations;
- (f) To improve the opportunity to recycle and reclaim wastewater and sludges from the wastewater treatment system.

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<sup>1</sup>Municipal code reference  
Plumbing code: title 12.

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

This chapter shall apply to the City of Lake City, Tennessee, and to persons outside the city who are, by contract or agreement with the city, users of the municipal wastewater treatment system. Except as otherwise provided herein, the Water and Sewer Superintendent of the City of Lake City shall administer, implement, and enforce the provisions of this chapter.

(2) Definitions. Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meaning hereinafter designated:

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

(b) "Approval authority" - The director in an NPDES state with an approved state pretreatment program and the administrator of the EPA in a non-NPDES state or NPDES state without an approved state pretreatment program.

(c) "Authorized representative of industrial user" - An authorized representative of an industrial user may be:

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

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

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

(d) "Biochemical Oxygen Demand (BOD)" - The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure, five (5) days at 20° centigrade expressed in terms of weight and concentration milligrams per liter (mg/l).

(e) "Building sewer" - A sewer conveying wastewater from the premises of a user to the POTW.

(f) "Categorical standards" - National categorical pretreatment standards or pretreatment standard.



(g) "City" - The City of Lake City or the Board of Mayor and Council for the City of Lake City, Tennessee.

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

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

(j) "Control authority" - The term "control authority" shall refer to the "approval authority" defined hereinabove; or the superintendent if the city has an approved pretreatment program under the provisions of 40 CFR, 403.11.

(k) "Customer" - means any individual, partnership, corporation, association, or group who receives sewer service from the city, under either an express or implied contract requiring payment to the city for such service.

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

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

(n) "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 said agency.

(o) "Garbage" - shall mean solid wastes from the domestic and commercial preparation, cooking and dispensing of food, and from the handling, storage and sale of produce.

(p) "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 without consideration of time.

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

(r) "Incompatible pollutant" - shall mean any pollutant which is not a "compatible pollutant" as defined in this section.

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

(t) "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).

(u) "Interference" - The inhibition or disruption of the municipal wastewater treatment processes or operations which contributes to a violation of any requirement of the city's NPDES permit. The term includes prevention of sewage sludge or disposal by the POTW in accordance with Section 405 of the Act, (33 U.S.C. 1345) or any criteria, guidelines, or regulations developed pursuant to the Solid Waste Disposal Act (SWDA), the Clean Air Act, the Toxic Substances Control Act, or more stringent state criteria (including those contained in any state sludge management plan prepared pursuant to Title IV of SWDA) applicable to the method of disposal or use employed by the municipal wastewater treatment system.

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

(w) "NPDES (National Pollutant Discharge Elimination System)" - shall mean the program for issuing, conditioning, and denying permits for the discharge of pollutants from point sources into navigable waters, the contiguous zone, and the oceans pursuant to Section 402 of the Federal Water Pollutant Control Act as amended.

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

(y) "Person" - Any individual, partnership, corporation, firm, company, 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; the single shall include the plural where indicated by the context.

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

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

(bb) "Pollutant" - Any dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical substances, biological materials, radioactive materials, heat, wrecked or discharged

equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into water.

(cc) "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, or biological processes, or process changes or by other means, except as prohibited by 40 CFR, Section 40.36(d).

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

(ee) "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 city. This definition includes any sewers that convey wastewater to the POTW treatment plant, but does not include pipes, sewers or other conveyances not connected to a facility providing treatment. For the purposes of this chapter, "POTW" shall also include any sewers that convey wastewaters to the POTW from persons outside the city who are, by contract or agreement with the city users of the city's POTW.

(ff) "POTW Treatment Plant" - That portion of the POTW designed to provide treatment to wastewater.

(gg) "Shall" - is mandatory; May is permissive.

(hh) "Slug" - shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentrations of flow during the normal operation and any discharge of whatever duration that causes the sewer to overflow or back up in an objectionable way or any discharge of whatever duration that interferes with the proper operation of the wastewater treatment facilities or pumping stations.

(ii) "State" - State of Tennessee.

(jj) "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.

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

(ll) "Storm sewer" or "storm drain" - Shall mean 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.

(mm) "Superintendent" - The person designated by the city 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.

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

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

(pp) "Twenty-four (24) Hour Flow Proportional Composite Sample" - A sample consisting of several sample portions collected during a 24-hour period in which the portions of a sample are proportionate to the flow and combined to form a representative sample.

(qq) "User" - Any person, who contributes, causes, or permits the contribution of wastewater into the city's POTW.

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

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

(tt) "Waters of the State" - All streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through or border upon the state or any portion thereof. (1968 Code, § 13-1A01)

**18-202. Connection to public sewers.** (1) Requirements for proper wastewater disposal. (a) It shall be unlawful for any person to place, deposit or permit to be deposited in any unsanitary manner on public or private property within the service area of the City of Lake City, any human or animal excrement, garbage or other objectionable waste.

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

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

(d) Except as provided in § 18-202(1)(e) below, the owner of all houses, buildings or properties used for human occupancy, employment,

recreation or other purposes situated within the service area and abutting on any street, alley or right-of-way in which there is now located or may in the future be located a public sanitary sewer in the service area, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this chapter, within sixty (60) days after date of official notice to do so, provided that said public sewer is within five hundred (500) feet of the building drain as defined herein.

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

(f) Where a public sanitary sewer is not available under the provisions of § 18-202(1)(d) above, the building sewer shall be connected to a private sewage disposal system complying with the provisions of § 18-203.

(2) Physical connection to public sewer. (a) No unauthorized person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the superintendent as required by § 18-205.

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

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

(d) Old building sewers may be used in connection with new buildings only when they are found, on examination and tested by the superintendent, to meet all requirements of this chapter. All others must 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 four (4) inches.

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

(iii) Four (4) inch building sewers shall be laid on a grade greater than 1/8-inch per foot. Larger building sewers shall be laid

on a grade that will produce a velocity when flowing full of at least 2.0 feet per second.

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

(v) Building sewers shall be constructed only of:

(A) Concrete or clay sewer pipe using rubber neoprene compression joints of approved type;

(B) Cast iron soil pipe with leaded or compression joints;

(C) Polyvinyl chloride pipe with solvent welded or with rubber compression joints; or

(D) ABS composite sewer pipe with solvent welded or rubber compression joints of approved type; or

(E) Such other materials of equal or superior quality as may be approved by the superintendent. Under no circumstances will cement mortar joints be acceptable.

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

(vii) Connections of building sewers to the public sewer system shall be made at the appropriate existing wye or tee branch using compression type couplings or collar type rubber joint with corrosion resisting or 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 or cutting a clean opening in the existing public sewer and installing a tee-saddle or tee-insert of a type approved by the superintendent. All such connections shall be made gastight and watertight.

(viii) The building sewer may be brought into the building below the basement floor when gravity flow from the building to the sanitary sewer is at a grade of 1/8-inch per foot or more if possible. In cases where basement or floor levels are lower than the ground elevation at the point of connection to the sewer, adequate precautions by installation of check valves or other backflow prevention devices to protect against flooding shall be provided by the owner. In all buildings in which any building

drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means 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 city or to the procedures set forth in appropriate specifications of the ASTM and Water Pollution Control Federal Manual of Practice No. 9. 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 city.

(g) No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, basement 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.

(3) Inspection of connections. (a) 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 representative.

(b) 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. Each individual property owner or user of the POTW shall be entirely responsible for the maintenance of the building sewer located on private property. This maintenance will include repair or replacement of the service line as deemed necessary by the superintendent to meet specifications of the city. (1968 Code, § 13-1A02)

**18-203. Private domestic wastewater disposal.** (1) Availability.

(a) Where a public sanitary sewer is not available under the provisions of § 18-202(1)(d), the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this section.

(b) Any residence, office, recreational facility, or other establishment used for human occupancy where the building drain is below the elevation to obtain a grade equivalent to 1/8-inch per foot in the building sewer but is otherwise accessible to a public sewer as defined in § 18-202, the owner shall provide a private sewage pumping station as provided in § 18-202(2)(e)(viii).

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

(2) Requirements. (a) A private domestic wastewater disposal system may not be constructed within the service area unless and until a certificate is obtained from the superintendent stating that a public sewer is not accessible to the property and no such sewer is proposed for construction in the immediate future. No certificate shall be issued for any private domestic wastewater disposal system employing subsurface soil absorption facilities where the area of the lot is less than the specified by the Anderson County Health Department.

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

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

(d) The type, capacity, location and layout of a private sewage disposal system shall comply with all recommendations of the Department of Health of the State of Tennessee and the Anderson County Health Department. No septic tank or cesspool shall be permitted to discharge to any natural outlet.

(e) The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, at no expense to the city.

(f) No statement contained in this article shall be construed to interfere with any additional requirements that may be imposed by the Anderson County Health Department. (1968 Code, § 13-1A03)

**18-204. Regulation of holding tank waste disposal.** (1) Permit. No person, firm, association or corporation shall clean out, drain or flush any septic



tank or any other type of wastewater or excreta disposal system, unless such person, firm, association or corporation obtains a permit from the superintendent 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 the 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, an annual service charge therefore shall be paid to the city to be set as specified in § 18-210. Any such permit granted shall be for one full fiscal year or fraction of the fiscal year, and shall continue in full force and effect from the time issued until the ending of the fiscal year unless sooner revoked, and shall be nontransferable. The number of the permit granted hereunder shall be plainly painted 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.

(4) Revocation of permit. Failure to comply with all the provisions of 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 City of Lake City. (1968 Code, § 13-1A04)

**18-205. Applications for domestic wastewater discharge and industrial wastewater discharge permits.** (1) Applications for discharge of domestic wastewater. All users or prospective users which generate domestic wastewater shall make application to the superintendent for written authorization to discharge to the municipal wastewater treatment system. Applications shall be required from all new dischargers as well as for any existing discharger desiring additional service. Connection to the municipal sewer shall not be made until the application is received and approved by the superintendent, the building sewer is installed in accordance with § 18-202 and an inspection has been performed by the superintendent or his representative.

The receipt by the city of a prospective customer's application for service shall not obligate the city to render the service. If the service applied for cannot

be supplied in accordance with this chapter and the city's rules and regulations and general practice, the connection charge will be refunded in full, and there shall be no liability of the city to the applicant for such service, except that conditional waivers for additional services may be granted by the superintendent for interim periods if compliance may be assured within a reasonable period of time.

(2) Industrial wastewater discharge permits. (a) General requirements. All industrial users proposing to connect to or contribute to the POTW shall obtain a wastewater discharge permit before connecting to or contributing to the POTW. All existing industrial users connected to or contributing to the POTW at the time this chapter takes effect are required to obtain a discharge permit within 180 days after the effective date of this chapter.

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

(i) Users required to obtain a wastewater discharge permit shall complete and file with the superintendent an application in the form prescribed by the superintendent, and accompanied by the appropriate fee. Existing users shall apply for a wastewater contribution permit within 60 days after the effective date of this chapter, and proposed new users shall apply at least 90 days prior to connecting to or contributing to the POTW.

(ii) The application shall be in the prescribed form of the city and shall include, but not be limited to the following information: name, address and SIC number of applicant; wastewater volume; wastewater constituents and characteristics; discharge variations - daily, monthly, seasonal and 30 minute and peaks, a description of all toxic materials handled on the premises; 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 superintendent.

(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 superintendent for approval. Plans and specifications submitted for approval must bear the seal of professional engineer registered to practice engineering in the State of Tennessee. 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 responsibility of modifying the facility as necessary to

produce an effluent acceptable to the city under the provisions of this chapter.

(iv) If additional pretreatment and/or O & M 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 § 18-206.

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

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

(vii) The superintendent of sewer will act only on applications containing all the information required in this section. Persons who have filed incomplete applications will be notified by the superintendent 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 superintendent, the superintendent shall submit the application to the mayor with a recommendation that it be denied and notify the applicant in writing of such action.

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

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

(ii) Limits on the average and maximum wastewater constituents and characteristics;

(iii) Limits on average and maximum rate and time of discharges or requirements for flow regulations and equalization;

(iv) Requirements for installation and maintenance of inspections and sampling facilities;

(v) Specifications for monitoring programs which may include sampling locations, frequency of sampling, number, types, and standards for tests and reporting schedules;

(vi) Compliance schedules;

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

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

(ix) Requirements for notification of the city of any new introduction of wastewater constituents or any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system;

(x) Requirements for notification of slug discharged;

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

(d) Permit modifications. Within nine months of the promulgation of a national categorical pretreatment standard, the wastewater discharge permit of users subject to such standards shall be revised to require compliance with such standard within the time frame prescribed by such standard. A user with an existing wastewater discharge permit shall submit to the superintendent within 180 days after the promulgation of an applicable federal categorical pretreatment standard the information required by §§ 18-205(2)(b)(ii) and 18-205(2)(b)(iii) above. The terms and conditions of the permit may be subject to modification by the superintendent 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 30 days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

(e) Permits 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 the permit reissuance a minimum of 180 days prior to the expiration date of the user's existing permit.

(f) Permit transfer. Wastewater discharge permits are issued to a specific user for 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 approval of the city. Any succeeding owner or user shall also comply with the terms and conditions of the existing 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 term 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 any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

(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 application, permits and monitoring programs and from inspections shall be available to the public or any other governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the superintendent that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets of the user.

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 city'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 superintendent as confidential shall not be transmitted to any governmental agency or to the general public by the superintendent until and unless prior and adequate notification is given to the user. (1968 Code, § 13-1A05)

**18-206. Discharge regulations.** (1) General discharge prohibitions. No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will interfere with the operation or performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to national categorical pretreatment standards or any other national, state or local pretreatment standards or requirements. A user may not contribute the following substances to any POTW:

(a) Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with

other substances to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW. At no time, shall two successive readings on any explosion hazard meter, at the point of discharge into the system (or at any point in the system) be more than five percent (5%) nor any single reading over twenty percent (20%) of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides and sulfides and any other substances which the city, the state or EPA has notified the user is a fire hazard or a hazard to the system.

(b) 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 such as, but not limited to: grease, garbage with particles greater than one-half inch ( $\frac{1}{2}$ " ) in any dimension, paunch manure, bones, hair, hides, or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining, or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes.

(c) Any wastewater having a pH less than 5.0 or higher than 9.5 or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the POTW.

(d) 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 or animals, create a toxic effect in the receiving water of the POTW, or to exceed the limitation set forth in the categorical pretreatment standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Act.

(e) Any noxious or malodorous liquids, gases or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.

(f) Any substance which may cause the POTW's effluent or any other product of the POTW such as residues, sludges, or scums, to be unsuitable for the reclamation and reuse or to interfere with the reclamation process. In no case, shall a substance be discharged to the POTW which causes the POTW to be in non-compliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act; any criteria, guidelines, or regulation 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.

(g) Any substance which would cause the POTW to violate its NPDES permit or the receiving water quality standards.

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

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

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

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

(l) Any wastewater 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.

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

(n) Any waters or wastes containing fats, wax, grease, or oil, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F (0 and 65°C).

(o) 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 Health. Industrial cooling water or unpolluted process waters may be discharged on approval of the superintendent and the Tennessee Department of Health, to a storm sewer or natural outlet.

(2) Protection of treatment plant influent. The superintendent shall monitor the treatment works influent for each parameter in the following table (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 POTW reaches or exceeds the levels established by this table, the superintendent shall initiate technical

studies to determine the cause of the influent violation and shall recommend to the city the necessary remedial measures, including, but not limited to, recommending the establishment of new or revised pretreatment levels for these parameters. The superintendent shall also recommend changes to any of these criteria in the event that: the POTW 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 POTW.

Table A - Plant Protection Criteria

Paramter	Maximum Concentration mg/l (24 Hour Flow)	Average 30 Day mg/l Concentration
Cadmium (Cd)	10.0	0.1
Chromium (+6)	21.1	1.9
Chromium (+3)	204.6	2.7
Copper (Cu)	125.3	81.6
Cyanide (CN)	50.0	9.5
Lead (Pb)	100.0	27.2
Mercury (Hg)	0.1	0.1
Nickel (Ni)	2000.0	272.1
Phenols	1000.0	1000.0
Selenium (Se)	750.0	95.2
Silver (Ag)	22.5	10.9
Zinc (Zn)	1446.4	136.0
Total Kjeldahl Nitrogen (TKN)	45.0	90.0
Oil & Grease	50.0	100.0
MBAS	5.0	10.0
BOD	*	
COD	*	
Suspended Solids	*	

\*Not to exceed the design capacity of treatment works.

BDL = Below Detectable Limits



(3) Federal categorical pretreatment standards. Upon the promulgation of the federal categorical pretreatment standards for a particular industrial subcategory, the federal standard, if more stringent than limitations imposed under this chapter for sources in that subcategory, shall immediately supersede the limitations imposed under the chapter. The superintendent shall notify all affected users of the applicable reporting requirements under 40 CFRm Section 403.12.

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

(5) Special agreements. Nothing in this section shall be construed so as to prevent any special agreement or arrangement between the city and any user of the wastewater treatment system whereby wastewater of unusual strength or character is accepted into the system and specially treated subject to any payments or user charges as may be applicable. The making of such special agreements or arrangements between the city and the user shall be strictly limited to the capability of the POTW to handle such wastes without interfering with unit operations or sludge use and handling or allowing the pass through of pollutants which would result in a violation of the NPDES permit. No special agreement or arrangement may be made without documentation by the industry of the use of good management practice in the reduction of wastewater volume and strength.

(6) Exceptions to discharge criteria. (a) Application for exception. Non-residential users of the POTW may apply for temporary exception of the prohibited and restricted wastewater discharge criteria listed in §§ 18-206(1) and 18-206(2) of this chapter. Exceptions can be granted according to the following guidelines:

The superintendent shall allow applications for temporary exceptions at any time. However, the superintendent shall not accept an application if the applicant has submitted the same or substantially similar application within the preceding year and the same has been denied by the city.

All applications for an exception shall be in writing, and shall contain sufficient information for evaluation of each of the factors to be considered by the city in its review of the application.

(b) Conditions. All exceptions granted under this paragraph shall be temporary and subject to revocation at any time by the superintendent upon reasonable notice.

The user requesting the exception must demonstrate to the superintendent that he is making a concentrated and serious effort to maintain high standards of operation control and housekeeping levels, etc., so that discharges to the POTW are being minimized. If negligence is found, permits will be subject to termination. The user requesting the exception must demonstrate that the compliance with stated concentration and quantity standards is technically or economically infeasible and the discharge, if exempted, will not:

(i) Interfere with normal collection and operation of the wastewater treatment system.

(ii) Limit the sludge management alternatives available and increase the cost of providing adequate sludge management.

(iii) Pass through the POTW in quantities and/or concentrations that would cause the POTW to violate its NPDES permit.

The user must show that the exception, if granted, will not cause the discharges to violate its in force federal pretreatment standards unless the exception is granted under the provisions of the applicable pretreatment regulations.

A surcharge shall be applied to any exception granted under this subsection. These surcharges shall be applied for that concentration of the pollutant for which the variance has been granted in excess of the concentration stipulated in this chapter based on the average daily flow of the user.

(c) Review of application by the superintendent. All applications for an exception shall be reviewed by the superintendent. If the application does not contain sufficient information for complete evaluation, the superintendent shall notify the applicant of the deficiencies and request additional information. The applicant shall have thirty (30) days following notification by the superintendent to correct such deficiencies. This thirty (30) day period may be extended by the city upon application and for just cause shown. Upon receipt of a complete application, the superintendent shall evaluate same within thirty (30) days and shall submit his recommendations to the city at its next regularly scheduled meeting.

(d) Review of application by the city. The city shall review and evaluate all applications for exceptions and shall take into account the following factors:

(i) Whether or not the applicant is subject to a national pretreatment standard containing discharge limitations more stringent than those in § 18-206 and grant an exception only if

such exception may be granted within limitations of applicable federal regulations;

(ii) Whether or not the exception would apply to discharge of a substance classified as a toxic substance under regulations promulgated by the Environmental Protection Agency under the provisions of Section 307(a) of the Act (33 U.S.C. 1317), and then grant an exception only if such exception may be granted within the limitations of applicable federal regulations;

(iii) Whether or not the granting of an exception would create conditions that would reduce the effectiveness of the treatment works taking into consideration the concentration of said pollutant in the treatment works influent and the design capability of the treatment works;

(iv) The cost of pretreatment or other types of control techniques which would be necessary for the user to achieve effluent reduction, but prohibitive costs alone shall not be the basis for granting an exception;

(v) The age of equipment and industrial facilities involved to the extent that such factors affect the quality or quantity of wastewater discharge;

(vi) The process employed by the user and process changes available which would affect the quality or quantity of wastewater discharge;

(vii) The engineering aspects of various types of pretreatment or other control techniques available to the user to improve the quality or quantity of wastewater discharge;

(7) Accidental discharge.

(a) Protection from accidental discharge. All industrial users shall provide such facilities and institute such procedures as are reasonably necessary to prevent or minimize the potential for accidental discharge into the POTW of waste regulated by this chapter from liquid or raw material storage area, from truck and rail car loading and unloading areas, from implant transfer or processing and materials handling areas, and from diked areas or holding ponds of any waste regulated by this article. The wastewater discharge permit of any user who has a history of significant leaks, spills or other accidental discharge of waste regulated by this chapter shall be subject on a case-by-case basis to a special permit condition or requirement for the construction of facilities establishment of procedures which will prevent or minimize the potential for such accidental discharge. Facilities to prevent accidental discharge of prohibited materials shall be provided and maintained at the user's expense. Detailed plans showing the facilities and operating procedures shall be submitted to the superintendent 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. Any person causing or suffering from any accidental discharge shall immediately notify the superintendent (or his designated official) by telephone to enable countermeasures to be taken by the superintendent to minimize damage to the POTW, 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 will not relieve the user of liability for any expense, loss or damage to the POTW, fish kills, or 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 the 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. (1968 Code, § 13-1A06)

**18-207. Industrial user monitoring, inspection reports, records access and safety.** (1) Monitoring facilities. The installation of a monitoring facility shall be required for all industrial users having wastes which receive pretreatment, are otherwise altered or regulated before discharge, or are unusually strong and thereby subject to a surcharge. Monitoring facility shall be a manhole or other suitable facility approved by the superintendent.

When, in the judgment of the superintendent, there is a significant difference in wastewater constituents and characteristics produced by different operations of a single user the superintendent 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 superintendent, 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 superintendent 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, measuring equipment shall be maintained at all times in a safe and proper operating condition at the expense of the user.

Whether constructed on public or private property, the monitoring facilities shall be constructed in accordance with the superintendent's requirements and all applicable local agency construction standards and specifications. When, in the judgment of the superintendent, an existing user requires a monitoring facility, the user will be so notified in writing. Construction must be completed within 180 days following written notification unless an extension is granted by the superintendent.

(2) Inspection and sampling. The city shall 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 city or their representative ready access at all reasonable times to all parts of the premises for the purposes of inspection, sampling, records examination or in the performance of any of their duties. The city, 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. 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 city, approval authority and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities. The superintendent or his representatives shall have no authority to inquire into any manufacturing process beyond that point having a direct bearing on the level and sources of discharge to the sewers, waterways, or facilities for waste treatment.

(3) Compliance date report. Within 180 days following the date for final compliance with applicable pretreatment standards or, in the case of a new source, following commencement of the introduction of wastewater into the POTW, any user subject to pretreatment standards and requirements shall submit to the superintendent a report indicating the nature and concentration of all pollutants in the discharge from the regulated process which are limited by pretreatment standards or requirements and the average and maximum daily flow for these process units in the user facility which are limited by such pretreatment standards or requirements. The report shall state whether the applicable pretreatment standards or requirements are being met on a consistent basis and, if not, what additional O & M and/or pretreatment is necessary to bring the user into compliance with the applicable pretreatment

standards or requirements. This statement shall be signed by an authorized representative of the industrial user, and certified to by a qualified professional.

(4) Periodic compliance reports. (a) Any user subject to a pretreatment standard, after the compliance date of such pretreatment standard, or, in the case of a new source, after commencement of the discharge into the POTW, shall submit to the superintendent during the months of June and December, unless required more frequently in the pretreatment standard or by the superintendent, a report indicating the nature and concentration, of pollutants in the effluent which are limited by such pretreatment standards. In addition, this report shall include a record of all daily flows which during the reporting period exceeded the average daily flow. At the discretion of the superintendent and in consideration of such factors as local high or low flow rates, holidays, budget cycles, etc., the superintendent of sewer may agree to alter the months during which the above reports are to be submitted.

(b) The superintendent may impose mass limitations on users where the imposition of mass limitations are appropriate. In such cases, the report required by subparagraph (a) of this paragraph shall indicate the mass of pollutants regulated by pretreatment standards in the effluent of the user.

(c) The reports required by this section contain the results of sampling and analysis of the discharge, including the flow and the nature and concentration, or production and mass where requested by the superintendent, of pollutants contained therein which are limited by the applicable pretreatment standards. The frequency of monitoring shall be prescribed in the wastewater discharge permit or the pretreatment standard. All analysis shall be performed in accordance with procedures established by the administrator pursuant to Section 304(g) of the Act and contained in 40 CFR, Part 136 and amendments thereto or with any other test procedures approved by the superintendent. Sampling shall be performed in accordance with the techniques approved by the superintendent.

(5) Maintenance of records. Any industrial user subject to the reporting requirements established in this section shall maintain records of all information resulting from any monitoring activities required by this section. Such records shall include for all samples:

- (a) The date, exact place, method and time of sampling and the names of the persons taking the samples;
- (b) The dates analyses were performed;
- (c) Who performed the analyses;
- (d) The analytical techniques/methods used; and
- (e) The results of such analyses.

Any industrial user subject to the reporting requirement established in this section shall be required to retain for a minimum of

three (3) years records of monitoring activities and results (whether or not such monitoring activities are required by this section) and shall make such records available for the inspection and copying by the Superintendent, Director of the Division of Water Quality Control Tennessee Department of Health, or the Environmental Protection Agency. This period of retention shall be extended during the course of any unresolved litigation regarding the industrial user or when requested by the superintendent, the approval authority, or the Environmental Protection Agency.

(6) Safety. While performing the necessary work on private properties, the superintendent or duly authorized employees of the city 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 city employees and the city shall indemnify the user against loss or damage to its property by city employees and against liability claims and demands for personal injury or property damage asserted against the user 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. (1968 Code, § 13-1A07)

**18-208. Enforcement and abatement.** (1) Issuance of cease and desist orders. When the superintendent finds that a discharge of wastewater has taken place in violation of prohibitions or limitations of this chapter, or the provisions of a wastewater discharge permit, the superintendent shall issue an order to cease and desist, and direct that these persons not complying with such prohibitions, limits, requirements or provisions to:

- (a) Comply forthwith;
- (b) Comply in accordance with a time schedule set forth by the superintendent;
- (c) Take appropriate remedial or preventative action in the event of a threatened violation; or
- (d) Surrender his applicable user's permit as ordered to do so after a show cause hearing.

Failure of the superintendent to issue a cease and desist order to a violating user shall not in any way relieve the user from any consequences of a wrongful or illegal discharge.

(2) Submission of time. When the superintendent finds that a discharge of wastewater has been taking place in violation of prohibitions or limitations prescribed in this chapter, or wastewater source control requirements, effluent limitations or pretreatment standards, or the provisions of a wastewater discharge permit, the superintendent shall require the user to submit for approval, with such modifications as it deems necessary, a detailed time schedule of specific actions which the user shall take in order to prevent or correct a violation of requirements. Such schedule shall be submitted to the superintendent within 30 days of the issuance of the cease and desist order.

(3) Show cause hearing. (a) The city may order any user who causes or allows an unauthorized discharge to enter the POTW to show cause before the board of mayor and council why the proposed enforcement action should not be taken. A notice shall be served on the user specifying the time and place of a hearing to be held by city council regarding the violation, the reasons why the action is to be taken, the proposed enforcement action, and directing the user to show cause before the city council why the proposed enforcement action should not be taken. The notice of the hearing shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days before the hearing.

(b) The board of mayor and council may itself conduct the hearing and take the evidence, or may designate any of its members or any officer or employee of the water and sewer department to:

(i) Issue in the name of the board of mayor and council notices of hearings requesting the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in such hearings;

(ii) Take the evidence;

(iii) Transmit a report of the evidence and hearing, including transcripts and other evidence, together with recommendations to the board for action thereon.

(c) At any hearing held pursuant to this chapter, testimony taken must be under oath and recorded. The transcript, so recorded, will be made available to any member of the public or any party to the hearing upon payment of the usual charges thereof.

(d) After the board of mayor and council has reviewed the evidence, it may issue an order to the user responsible for the discharge directing that, following a specified time period, the sewer service be discontinued unless adequate treatment facilities, devices or other related appurtenances shall have been installed on existing treatment facilities, and that these devices or other related appurtenances are properly operated. Further orders and directives as are necessary and appropriate may be issued.

(4) Legal action. If any person discharges sewage, industrial wastes, or other wastes into the city's wastewater disposal system contrary to the provisions of this chapter, federal or state pretreatment requirements, or any order of the city, the city attorney may commence an action for appropriate legal and/or equitable relief in the Chancery Court of this county.

(5) Emergency termination of service. In the event of an actual or threatened discharge to the POTW of any pollutant which in the opinion of the superintendent presents or may present an imminent substantial endangerment to the health or welfare of persons, or cause interference with the POTW, the superintendent or in his absence the person then in charge of the treatment



works shall immediately notify the mayor of the nature of the emergency. The superintendent shall also attempt to notify the industrial user or other person causing the emergency and request their assistance in abating same. Following consultation with the aforementioned officials of the city or in their absence such elected officials of the city as may be available, the superintendent shall temporarily terminate the service of such user or users as are necessary to abate the condition when such action appears reasonably necessary. Such service shall be restored by the superintendent as soon as the emergency situation has been abated or corrected.

(6) Public nuisance. Discharges of wastewater in any manner in violation of this chapter or of any order issued by the superintendent as authorized by this chapter, is hereby declared a public nuisance and shall be corrected or abated as directed by the superintendent. Any person creating a public nuisance shall be subject to the provisions of the city codes or ordinances governing such nuisance.

(7) Correction of violation and collection of costs. In order to enforce the provisions of this chapter, the superintendent shall correct any violation hereof. The cost of such correction shall be added to any sewer service charge payable by the person violating the chapter or the owner or tenant of the property upon which the violation occurred, and the city shall have such remedies for the collection of such costs as it has for the collection of sewer service charges.

(8) Damage to facilities. When a discharge of wastes causes an obstruction, damage, or other physical or operations impairment to facilities, the superintendent shall assess a charge against the user for the work required to clean or repair the facility and add such charge to the user's sewer service charge.

(9) Civil liabilities. Any person or user who intentionally or negligently violates any provision of this chapter, requirements, or conditions set forth in permit duly issued, or who discharges wastewater which causes pollution or violates any cease and desist order, prohibitions, effluent limitation, national standard or performance, pretreatment, or toxicity standard, shall be liable civilly.

The City of Lake City shall sue for such damage in any court of competent jurisdiction. In determining the damages, the court shall take into consideration all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the nature and persistence of the violation the length of time over which the violation occurs, and the correcting action, if any. (1968 Code, § 13-1A08)

**18-209. Penalty: costs.** (1) Civil penalties. Any user who is found to have violated an order of the board of mayor and council or who willfully or negligently failed to comply with any provision of this chapter and the order, rules, regulations and permits issued hereunder, shall be fined not less than

fifty and 00/100 dollars (\$50.00) for each offense. Each day of which a violation shall occur or continue shall be deemed a separate and distinct offense. In addition to the penalties provided herein, the city may recover reasonable attorney's fees, court costs, court reporter's fees and other expenses of litigation by appropriate suit at law against the person to have violated this chapter or the rules, regulations, and permits issued hereunder.

(2) Falsifying information. Any person who knowingly makes any false statements, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to this chapter, or wastewater discharge permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this chapter, shall, upon conviction, be punished by a fine of not more than \$1,000 or by imprisonment for not more than six (6) months, or by both. (1968 Code, § 13-1A09)

**18-210. Fees and billing.** (1) Purpose. It is the purpose of this chapter to provide for the equitable recovery of costs from users of the city's wastewater treatment system, including costs of operation, maintenance, administration, bond service costs, capital improvements, depreciation, and equitable cost recovery of EPA administered federal wastewater grants.

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

- (a) Inspection fee and tapping fee;
- (b) Fees for applications for discharge;
- (c) Sewer use charges;
- (d) Surcharge fees;
- (e) Industrial wastewater discharge permit fees;
- (f) Fees for industrial discharge monitoring; and
- (g) Other fees as the city may deem necessary to carry out the

requirements of this chapter.

(3) Fees for applications for discharge. A fee may be charged when a user or prospective user makes application for discharge as required by § 18-204.

(4) Inspection fee and tapping fee. An inspection fee and tapping fee for a building sewer installation shall be paid to the city's sewer department at the time the application is filed. Fees shall cover the costs of inspecting new and/or existing plumbing within subject building establishments as well as inspection of building sewers, property sewers, and the sewer service lines and connections to the public sewers. The inspection fee and tapping fee shall be set by the board of mayor and council.

(5) Sewer user charges. (a) Classification of users. Users of the wastewater system shall be classified into two (2) general classes or categories depending upon the users contribution of wastewater loads; each class user being identified as follows:

(i) Class I: Those users whose average biochemical oxygen demand is two hundred fifty milligrams per liter (250 mg/l) by weight or less, and whose suspended solids discharge is two hundred fifty milligrams per liter (250 mg/l) by weight or less.

(ii) Class II: Those users who average biochemical oxygen demand exceeds two hundred fifty milligrams per liter concentration (250 mg/l) by weight and whose suspended solids exceeds two hundred fifty milligrams per liter concentration (250 mg/l).

(b) Determination of costs. The board of mayor and council shall establish rates and charges for the use of the wastewater system and for the services supplied by the wastewater system. Said charges shall be based upon the cost categories of administration costs, including billing and accounting costs; operation and maintenance costs of the wastewater collection and treatment system; and debt service costs.

(i) All users who fall under Class I shall pay a single unit charge expressed as dollars per 1,000 gallons of water purchased (\$/1,000 gallons) with the unit charge being determined in accordance with the following formula:

$$C_i = \frac{T.S.C.}{V_t}$$

Where:

$C_i$  = The Class I total unit cost in \$/1000 gallons

T.S.C. = The total operation and maintenance, administration, and debt service determined by yearly budget projections.

$V_t$  = The total volume of wastewater contribution from all users per year as determined from projections from one city fiscal year to the next.

(ii) All users who fall within the Class II classification shall pay the same base unit charge per 1,000 gallons of water purchased as for the Class I users and in addition shall pay a surcharge rate on the excessive amounts of biochemical oxygen demand and suspended solids in direct proportion to the actual discharge quantities.

(iii) The volume of water purchased which is used in the calculation of sewer use charges may be adjusted by the superintendent if a user purchases a significant volume of water

for a consumptive use and does not discharge it to the public sewers (i.e. filling swimming pools, industrial heating, and humidifying equipment, etc.). The user shall be responsible for documenting the quantity of waste discharged to the public sewer.

(iv) When either or both the total suspended solids or biochemical oxygen demand quantities discharged into the treatment works is in excess of those described in § 18-210(5)(a), above, thus being classified as Class II users, the following formula shall be used to compute the appropriate user charge:

$$C_u = V_c V_u + B_c B_u + S_c S_u$$

Where:

$C_u$  = Total user charge per unit of time

$V_c$  = The cost for transportation and treatment of a unit of wastewater volume.

$V_u$  = Volume contribution per unit of time

$B_c$  = Total cost for treatment of a unit of biochemical oxygen demand (BOD).

$B_u$  = Total BOD contribution for a user per unit of time.

$S_c$  = Total cost of treatment of a unit of suspended solids.

$S_u$  = Total suspended solids contribution from a user per unit of time.

(6) Surcharge fees. If it is determined by the city that the discharge of other loading parameters or wastewater substances are creating excessive operation and maintenance costs within the wastewater system, whether collection or treatment, then the monetary effect of such a parameter or parameters shall be borne by the discharges of such parameters in proportion to the amount of discharge.

(7) Industrial wastewater discharge permit fees. A fee may be charged for the issuance of an industrial wastewater discharge permit in accordance with § 18-205(2) of this chapter.

(8) Fees for industrial discharge monitoring. Fees may be collected from industrial users having pretreatment or other discharge requirements to

compensate the city for the necessary compliance monitoring and other administrative duties of the pretreatment program.

(9) Billing. The billing for normal domestic wastewater services shall consist of monthly billing in accordance with the rates specified by the city, subject to net and gross rates. (1968 Code, § 13-1A10)

**18-211. Validity**. This chapter and its provisions shall be valid for all service areas, regions, and sewage works under the jurisdiction of the City of Lake City, Tennessee. (1968 Code, § 13-1A11, modified)

## CHAPTER 3

### SEWAGE AND HUMAN EXCRETA DISPOSAL<sup>1</sup>

#### SECTION

- 18-301. Definitions.
- 18-302. Places required to have sanitary disposal methods.
- 18-303. When a connection to the public sewer is required.
- 18-304. When a septic tank shall be used.
- 18-305. Registration and records of septic tank cleaners, etc.
- 18-306. Use of pit privy or other method of disposal.
- 18-307. Approval and permit required for septic tanks, privies, etc.
- 18-308. Owner to provide disposal facilities.
- 18-309. Occupant to maintain disposal facilities.
- 18-310. Only specified methods of disposal to be used.
- 18-311. Discharge into watercourses restricted.
- 18-312. Pollution of ground water prohibited.
- 18-313. Enforcement of chapter.
- 18-314. Carnivals, circuses, etc.
- 18-315. Violations.

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

(1) "Accessible sewer." A public sanitary sewer located in a street or alley abutting on the property in question or otherwise within two hundred (200) feet of any boundary of said property measured along the shortest available right-of-way.

(2) "Health officer." The person duly appointed to such position having jurisdiction, or any person or persons authorized to act as his agent.

(3) "Human excreta." The bowel and kidney discharges of human beings.

(4) "Sewage." All water-carried human and household wastes from residences, buildings, or industrial establishments.

(5) "Approved septic tank system." A watertight covered receptacle of monolithic concrete, either precast or cast in place, constructed according to plans approved by the health officer. Such tanks shall have a capacity of not less than 750 gallons and in the case of homes with more than two (2) bedrooms the capacity of the tank shall be in accordance with the recommendations of the Tennessee Department of Health as provided for in its 1967 bulletin entitled "Recommended Construction of Septic Tanks and Disposal Fields for Residential

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<sup>1</sup>Municipal code reference

Plumbing code: title 12, chapter 2.

Uses." A minimum liquid depth of four (4) feet should be provided with a minimum depth of air space above the liquid of one (1) foot. The septic tank dimensions should be such that the length from inlet to outlet is at least twice but not more than three (3) times the width. The liquid depth should not exceed five (5) feet. The discharge from the septic tank shall be disposed of in such a manner that it may not create a nuisance on the surface of the ground or pollute the underground water supply, and such disposal shall be in accordance with recommendations of the health officer as determined by acceptable soil percolation data.

(6) "Sanitary pit privy." A privy having a fly-tight floor and seat over an excavation in earth, located and constructed in such a manner that flies and animals will be excluded, surface water may not enter the pit, and danger of pollution of the surface of the ground or the underground water supply will be prevented.

(7) "Other approved method of sewage disposal." Any privy, chemical toilet, or other toilet device (other than a sanitary sewer, septic tank, or sanitary pit privy as described above) the type, location, and construction of which have been approved by the health officer.

(8) "Watercourse." Any natural or artificial drain which conveys water either continuously or intermittently. (1968 Code, § 8-201)

**18-302. Places required to have sanitary disposal methods.** Every residence, building, or place where human beings reside, assemble, or are employed within the corporate limits shall be required to have a sanitary method for disposal of sewage and human excreta. (1968 Code, § 8-202)

**18-303. When a connection to the public sewer is required.** Wherever an accessible sewer exists and water under pressure is available, approved plumbing facilities shall be provided and the wastes from such facilities shall be discharged through a connection to said sewer made in compliance with the requirements of the official responsible for the public sewerage system. On any lot or premise accessible to the sewer no other method of sewage disposal shall be employed. (1968 Code, § 8-203)

**18-304. When a septic tank shall be used.** Wherever water carried sewage facilities are installed and their use is permitted by the health officer, and an accessible sewer does not exist, the wastes from such facilities shall be discharged into an approved septic tank system.

No septic tank or other water-carried sewage disposal system except a connection to a public sewer shall be installed without the approval of the health officer or his duly appointed representative. The design, layout, and construction of such systems shall be in accordance with specifications approved by the health officer and the installation shall be under the general supervision of the department of health. (1968 Code, § 8-204)

**18-305. Registration and records of septic tank cleaners, etc.**

Every person, firm, or corporation who operates equipment for the purpose of removing digested sludge from septic tanks, cesspools, privies, and other sewage disposal installations on private or public property must register with the health officer and furnish such records of work done within the corporate limits as may be deemed necessary by the health officer. (1968 Code, § 8-205)

**18-306. Use of pit privy or other method of disposal.** Wherever a sanitary method of human excreta disposal is required under § 18-302 and water-carried sewage facilities are not used, a sanitary pit privy or other approved method of disposal shall be provided. (1968 Code, § 8-206)

**18-307. Approval and permit required for septic tanks, privies, etc.** Any person, firm, or corporation proposing to construct a septic tank system, privy, or other sewage disposal facility, requiring the approval of the health officer under this chapter, shall before the initiation of construction obtain the approval of the health officer for the design and location of the system and secure a permit from the health officer for such system. (1968 Code, § 8-207)

**18-308. Owner to provide disposal facilities.** It shall be the duty of the owner of any property upon which facilities for sanitary sewage or human excreta disposal are required by § 18-302, or the agent of the owner to provide such facilities. (1968 Code, § 8-208)

**18-309. Occupant to maintain disposal facilities.** It shall be the duty of the occupant, tenant, lessee, or other person in charge to maintain the facilities for sewage disposal in a clean and sanitary condition at all times and no refuse or other material which may unduly fill up, clog, or otherwise interfere with the operation of such facilities shall be deposited therein. (1968 Code, § 8-209)

**18-310. Only specified methods of disposal to be used.** No sewage or human excreta shall be thrown out, deposited, buried, or otherwise disposed of, except by a sanitary method of disposal as specified in this chapter. (1968 Code, § 8-210)

**18-311. Discharge into watercourses restricted.** No sewage or excreta shall be discharged or deposited into any lake or watercourse except under conditions specified by the health officer and specifically authorized by the Tennessee Stream Pollution Control Board. (1968 Code, § 8-211)

**18-312. Pollution of ground water prohibited.** No sewage, effluent from a septic tank, sewage treatment plant, or discharges from any plumbing



facility shall empty into any well, either abandoned or constructed for this purpose, cistern, sinkhole, crevice, ditch, or other opening either natural or artificial in any formation which may permit the pollution of ground water. (1968 Code, § 8-212)

**18-313. Enforcement of chapter.** It shall be the duty of the health officer to make an inspection of the methods of disposal of sewage and human excreta as often as is considered necessary to insure full compliance with the terms of this chapter. Written notification of any violation shall be given by the health officer to the person or persons responsible for the correction of the condition, and correction shall be made within forty-five (45) days after notification. If the health officer shall advise any person that the method by which human excreta and sewage is being disposed of constitutes an immediate and serious menace to health such person shall at once take steps to remove the menace, and failure to remove such menace immediately shall be punishable under the general penalty clause for this code; but such person shall be allowed the number of days herein provided within which to make permanent correction. (1968 Code, § 8-213)

**18-314. Carnivals, circuses, etc.** Whenever carnivals, circuses, or other transient groups of persons come within the corporate limits such groups of transients shall provide a sanitary method for disposal of sewage and human excreta. Failure of a carnival, circus, or other transient group to provide such sanitary method of disposal and to make all reasonable changes and corrections proposed by the health officer shall constitute a violation of this section. In these cases the violator shall not be entitled to the notice of forty-five (45) days provided for in the preceding section. (1968 Code, § 8-214)

**18-315. Violations.** Any person, persons, firm, association, or corporation or agent thereof, who shall fail, neglect, or refuse to comply with the provisions of this chapter shall be deemed guilty of a misdemeanor and shall be punishable under the general penalty clause for this code. (1968 Code, § 8-215)

## CHAPTER 4

### CROSS CONNECTIONS, AUXILIARY INTAKES, ETC.<sup>1</sup>

#### SECTION

- 18-401. Definitions.
- 18-402. Regulations.
- 18-403. Cross connections.
- 18-404. Statement required.
- 18-405. Inspecting.
- 18-406. Authorized representatives.
- 18-407. Compliance.
- 18-408. Protective measures.
- 18-409. Contamination.
- 18-410. Boundaries.
- 18-411. Penalty.

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

(1) "Public water supply." The waterworks system furnishing water to the City of Lake City for general use and which supply is recognized as the public water supply by the Tennessee Department of Health.

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

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

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

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

(6) "Person." Any and all persons, natural or artificial, including any individual, firm, or association, and any municipal or private corporation

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<sup>1</sup>Municipal code references

Plumbing code: title 12.

Water and sewer system administration: title 18.

Wastewater treatment: title 18.

organized or existing under the laws of this or any other state or country. (1968 Code, § 8-301)

**18-402. Regulations.** The City of Lake City is to comply with Tennessee Code Annotated, §§ 68-221-701 through 68-221-720 as well as the Rules and Regulations for Public Water Supplies, legally adopted in accordance with this code, which pertain to cross connections, auxiliary intakes, bypasses, and interconnections, and establish an effective ongoing program to control these undesirable water uses. (1968 Code, § 8-302)

**18-403. Cross connections.** It shall be unlawful for any person to cause a cross connection to be made, or allow one to exist for any purpose whatsoever, unless the construction and operation of same have been approved by the Tennessee Department of Health and the operation of such cross connection, auxiliary intake, bypass or interconnection is at all times under the direct supervision of the superintendent of the City of Lake City. (1968 Code, § 8-303)

**18-404. Statement required.** Any person whose premises are supplied with water from the public water supply and who also has on the same premises a separate source of water supply, or stores water in an uncovered or unsanitary storage reservoir from which the water stored therein is circulated through a piping system, shall file with the superintendent a statement of the non-existence of unapproved or unauthorized auxiliary intakes, bypasses, or interconnections. Such statement shall also contain an agreement that no cross connection, auxiliary intake, bypass, or interconnection will be permitted upon the premises. (1968 Code, § 8-304)

**18-405. Inspecting.** It shall be the duty of the Lake City Water Department to cause inspections to be made of all properties served by the public water supply where cross connections with the public water supply are deemed possible. The frequency of inspections and reinspection, based on potential health hazards involved, shall be established by the superintendent of the Lake City Water Supply and as approved by the Tennessee Department of Health. (1968 Code, § 8-305)

**18-406. Authorized representatives.** The superintendent or his authorized representative shall have the right to enter, at any reasonable time, any property served by a connection to the Lake City Water Department for the purpose of inspecting the piping system or systems therein for cross connections, auxiliary intakes, bypasses, or interconnections. On request, the owner, lessee, or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property. The refusal of such information or refusal of access, when requested, shall be deemed evidence of the presence of cross connections. (1968 Code, § 8-306)

**18-407. Compliance.** Any person who now has cross connections, auxiliary intakes, bypasses, or interconnections in violation of the provisions of this chapter shall be allowed a reasonable time within which to comply with the provisions of this chapter. After a thorough investigation of existing conditions and an appraisal of the time required to complete the work, the amount of time shall be designated by the superintendent of the Lake City Water and Sewer Department.

The failure to correct conditions threatening the safety of the public water system as prohibited by this chapter and the Tennessee Code Annotated, § 68-221-711, within a reasonable time and within the time limits set by the Lake City Water and Sewer Department shall be grounds for denial of water service. If proper protection has not been provided after a reasonable time, the utility shall give the customer legal notification that water service is to be discontinued and shall physically separate the public water supply from the customer's on-site piping system in such a manner that the two systems cannot again be connected by an unauthorized person.

Where cross connections, interconnections, auxiliary intakes, or bypasses are found that constitute an extreme hazard of immediate concern of contaminating the public water system, the manager of the utility shall require that immediate corrective action be taken to eliminate the threat to the public water system. Immediate steps shall be taken to disconnect the public water supply from the on-site piping system unless the imminent hazard(s) is corrected immediately. (1968 Code, § 8-307)

**18-408. Protective measures.** Where the nature of use of the water supplied a premises by the water department is such that it is deemed:

- (1) Impractical to provide an effective air-gap separation.
- (2) That the owner and/or occupant of the premises cannot, or is not willing, to demonstrate to the official in charge of the system, or his designated representative, that the water use and protective features of the plumbing are such as to propose no threat to the safety or potability of the water supply.
- (3) That the nature and mode of operation within a premises are such that frequent alterations are made to the plumbing.
- (4) There is a likelihood that protective measures may be subverted, altered, or disconnected, the superintendent of the Lake City Water Department or his designated representative, shall require the use of an approved protective device on the service line serving the premises to assure that any contamination that may originate in the customer's premises is contained therein. The protective device shall be a reduced pressure zone type backflow preventer approved by the Tennessee Department of Health as to manufacture, model, and size. The method of installation of backflow protective devices shall be approved by the superintendent prior to installation and shall comply with the criteria set forth by the Tennessee Department of Health. The installation shall be at the expense of the owner or occupant of the premises.

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

Where the use of water is critical to the continuance of normal operations or protection of life, property, or equipment, duplicate units shall be provided to avoid the necessity of discontinuing water service to test or repair the protective device or devices. Where it is found that only one unit has been installed and the continuance of service is critical, the superintendent shall notify, in writing, the occupant of the premises of plans to discontinue water service and arrange for a mutually acceptable time to test and/or repair the device. The water supply shall require the occupant of the premises to make all repairs indicated promptly, to keep the unit(s) working properly, and the expense of such repairs shall be borne by the owner or occupant of the premises. Repairs shall be made by qualified personnel acceptable to the superintendent of the Lake City Water Department.

If necessary, water service shall be discontinued (following legal notification) for failure to maintain backflow prevention devices in proper working order. Likewise, the removal, bypassing, or altering of the protective device(s) or the installation thereof so as to render the device(s) ineffective shall constitute grounds for discontinuance of water service. Water service to such premises shall not be restored until the customer has corrected or eliminated such conditions or defects to the satisfaction of the Lake City Water Department. (1968 Code, § 8-308)

**18-409. Contamination.** The potable water supply made available to premises served by the public water supply shall be protected from possible contamination as specified herein. Any water outlet which could be used for potable or domestic purposes and which is not supplied by the potable system must be labeled in a conspicuous manner as:

WATER UNSAFE  
FOR DRINKING

Minimum acceptable sign shall have black letters at least one-inch high located on a red background. (1968 Code, § 8-309)

**18-410. Boundaries.** The requirements contained herein shall apply to all premises served by the Lake City Water Department whether located inside or outside the corporate limits and are hereby made a part of the conditions required to be met for the city to provide water services to any premises. Such action, being essential for the protection of the water distribution system

against the entrance of contamination which may render the water unsafe healthwise, or otherwise undesirable, shall be enforced rigidly without regard to location of the premises, whether inside or outside the Lake City corporate limits. (1968 Code, § 8-310)

**18-411. Penalty.** Any person who neglects or refuses to comply with any of the provisions of this chapter shall be deemed guilty of a misdemeanor and, upon conviction therefor, shall be fined not less than ten dollars (\$10) nor more than one hundred dollars (\$100), and each day of continued violation after conviction shall constitute a separate offense. (1968 Code, § 8-311)