

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

1. WATER.
2. SEWAGE AND HUMAN EXCRETA DISPOSAL.
3. CROSS-CONNECTIONS, AUXILIARY INTAKES, ETC.

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

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18-101. Application and scope. These rules and regulations are a part of all contracts for receiving water service from the municipality and shall apply whether the service is based upon contract, agreement, signed application, or otherwise. (1996 Code, § 18-101)

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

(2) "Discount date" shall mean the date fourteen (14) days after the date of a bill, except when some other date is provided by contract. The discount date is the last date upon which water bills can be paid at net rates.

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

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

(5) "Premises" means any structure or group of structures operated as a single business or enterprise; provided, however, the term "premises" shall not include more than one (1) dwelling. (1996 Code, § 18-102)

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

18-103. Obtaining service. A formal application for either original or additional service must be made and be approved by the municipality before connection or meter installation orders will be issued and work performed. (1996 Code, § 18-103)

18-104. Application and contract for service. Each prospective customer desiring water service will be required to sign a standard form contract and pay an application fee of one hundred dollars (\$100.00) before service is supplied. The application fee shall be refundable if and only if the municipality cannot supply service in accordance with the terms of this chapter. If, for any reason, a customer, after signing a contract for service, does not take such service by reason of not occupying the premises or otherwise, he shall reimburse the municipality for the expense incurred by reason of its endeavor to furnish the service.

18-105. Service charges for temporary service. Customers requiring temporary service shall pay all costs for connection and disconnection incidental to the supplying and removing of service in addition to the regular charge for water used. (1996 Code, § 18-105)

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

Before a new service line will be laid by the municipality, the applicant shall make a deposit in an amount to be provided for from time to time by the municipality by resolution.

This deposit shall be used to pay the cost of laying such new service line and appurtenant equipment. If such cost exceeds the amount of the deposit, the applicant shall pay to the municipality the amount of such excess cost when billed therefor. If such cost is less than the amount of the deposit, the amount by which the deposit exceeds such cost shall be refunded to the applicant.

When a service line is completed, the municipality shall be responsible for the maintenance and upkeep of such service line from the main to and including the meter and meter box, and such portion of the service line shall belong to the municipality. The remaining portion of the service line beyond the meter box shall belong to and be the responsibility of the customer. (1996 Code, § 18-106)

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

Owners of property to be served by a proposed water main extension of the character to which this section applies shall pay to the municipality the regular charge for each connection desired immediately and shall also assume one (1) minimum monthly bill for each one hundred feet (100'), or fraction thereof, of said proposed extension, the connection charge to be paid and the agreement to pay minimum monthly bills to be signed before the work is begun. The municipality shall require a cash deposit as security for such minimum bill agreement, in an amount that does not exceed the estimated cost of the main extension, before making any such requested extension.

Beginning with the completion of the water main extension, such persons shall pay water bills at least equal to the minimum monthly charges agreed upon, until the obligation for the payment of such minimum monthly water bills shall have been assumed by other persons acceptable to the municipality at which times pro rata amounts of the cash deposit shall also be returned to the depositors. (1996 Code, § 18-107)

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

For installations under this or the preceding section cement-lined cast iron pipe, class 150 American Water Works Association Standard, not less than six inches (6") in diameter shall be used to the dead end of any line and to form loops or continuous lines, so that fire hydrants may be placed on such lines at locations no farther than one thousand feet (1,000') from the most distant part of any dwelling structure and no farther than six hundred feet (600') from the most distant part of any commercial, industrial, or public building, such measurements to be based on road or street distances; cement-lined cast iron pipe two inches (2") in diameter, to supply dwellings only, may be used to supplement such lines. All such lines shall be installed either by municipal forces or by other forces working directly under the supervision of the municipality.

Upon completion of such extensions and their approval by the municipality, such water mains shall become the property of the municipality. The persons paying the cost of constructing such mains shall execute any written instruments requested by the municipality to provide evidence of the municipality's title to such mains. In consideration of such mains being transferred to it, the municipality shall incorporate said mains as an integral part of the municipal water system and shall furnish water therefrom in accordance with these rules and regulations, subject always to such limitations as may exist because of the size and elevation of said mains. As further consideration, the municipality shall repay to the person or persons paying the cost of such a water main extension, for a period of five (5) years, but no longer, from the date of completion of said extension the sum of fifty dollars (\$50.00) for each connection that is made to such main extension; provided, however, that the total payments shall in no event exceed the cost of the said extension paid by such person or persons. Provided also, that before making any such payment the municipality shall have the right to require that the customer making the connection in question shall sign a contract for water service for a period of time to be fixed by the municipality, but not to exceed three (3) years.

No repayment shall be made for service line connections not made directly to the water main extension in question, even though such service line connections are made to a main extended from, or receiving water through, the main extension in question. (1996 Code, § 18-108)

18-109. Water and sewer main extension variances. Whenever the board of mayor and aldermen is of the opinion that it is to the best interest of the water system to construct a water main extension without requiring strict compliance with §§ 18-107 and 18-108, such extension may be constructed upon

such terms and conditions as shall be approved by a majority of the members of the board of mayor and aldermen.

The authority to make water main extensions under §§ 18-107 and 18-108 is permissive only and nothing contained therein shall be construed as requiring the municipality to make water main extensions or to furnish service to any person or persons. (1996 Code, § 18-109)

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

No one shall do anything which will in any way interfere with or prevent the operation of a meter. No one shall tamper with or work on a water meter without the written permission of the municipality. No one shall install any pipe or other device which will cause water to pass through or around a meter without the passage of such water being registered fully by the meter. (1996 Code, § 18-110)

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

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

<u>Meter Size</u>	<u>Percentage</u>
5/8", 3/4", 1", 2"	2%
3"	3%
4"	4%
6"	5%

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

<u>Meter Size</u>	<u>Test Charge</u>
5/8", 3/4", 1"	\$12.00
1-1/2", 2"	\$15.00
3"	\$18.00

<u>Meter Size</u>	<u>Test Charge</u>
4"	\$22.00
6" and over	\$30.00

If such test show a meter not to be accurate within such limits, the cost of such meter test shall be borne by the municipality. (1996 Code, § 18-111, modified)

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

Where the municipality allows more than one (1) dwelling or premises to be served through a single service line and meter, the amount of water used by all the dwellings and premises served through a single service line and meter shall be allocated to each separate dwelling or premises served. The water charge for each such dwelling or premises thus served shall be computed just as if each such dwelling or premises had received through a separately metered service the amount of water so allocated to it, such computation to be made at the municipality's applicable water rates schedule, including the provisions as to minimum bills. The separate charges for each dwelling or premises served through a single service line and meter shall then be added together, and the sum thereof shall be billed to the customer in whose name the service is supplied. (1996 Code, § 18-112)

18-113. Customer billing and payment policy. Water bills shall be rendered monthly and shall designate a standard net payment period for all customers of not less than fourteen (14) days after the date of the bill. Failure to receive a bill will not release a customer from payment obligation. There is established for all customers a late payment charge not to exceed five percent (5%) for any portion of the bill paid after the net payment period.

Payment must be received no later than 4:30 P.M. on the due date. If the due date falls on Saturday, Sunday, or a holiday, net payment will be accepted if paid on the next business day no later than 4:30 P.M.

If a meter fails to register properly, or if a meter is removed to be tested or repaired, or if water is received other than through a meter, the municipality reserves the right to render an estimated bill based on the best information available.

18-114. Termination or refusal of service. (1) Basis of termination or refusal. The municipality shall have the right to discontinue water service

or to refuse to connect service for a violation of, or a failure to comply with, any of the following:

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

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

(2) Termination of service. Reasonable written notice shall be given to the customer before termination of water service according to the following terms and conditions:

- (a) Written notice of termination (cut-off) shall be given to the customer at least five (5) days prior to the scheduled date of termination. The cut-off notice shall specify the reason for the cut-off, and
 - (i) The amount due, including other charges.
 - (ii) The last date to avoid service termination.
 - (iii) Notification of the customer's right to a hearing prior to service termination, and, in the case of nonpayment of bills, of the availability of special counseling for emergency and hardship cases.

(b) In the case of termination for nonpayment of bills, the employee carrying out the termination procedure will attempt before disconnecting service to contact the customer at the premises in a final effort to collect payment and avoid termination. If the customer is not at home, service may be left connected for one (1) additional day and a further notice left at a location conspicuous to the customer.

(c) Hearings for service termination, including for nonpayment of bills, will be held by appointment at the town hall between the hours of 8:00 A.M. and 4:30 P.M. on any business day, or by special request and appointment a hearing may be scheduled outside those hours.

(d) Termination will not be made on any preceding day when the municipality is scheduled to be closed.

(e) If a customer does not request a hearing, or, in the case of nonpayment of a bill, does not make payment of the bill, or does not otherwise correct the problem that resulted in the notice of termination in a manner satisfactory to the municipality, the same shall proceed on schedule with service termination.

(f) Service termination for any reason shall be reconnected only after the payment of all charges due or satisfactory arrangements for payment have been made, or the correction of the problem that resulted in the termination of service in a manner satisfactory to the municipality, plus the payment of a reconnection charge of fifty dollars

(\$50.00) if the reconnection is made during regular business hours, or seventy five dollars (\$75.00) if the reconnection is made after regular business hours.

18-115. Re-connection charge. Whenever service has been discontinued as provided for above, a re-connection charge of fifty dollars (\$50.00) shall be collected by the municipality before service is restored. (1996 Code, § 18-115, modified)

18-116. Termination of service by customer. Customers who have fulfilled their contract terms and wish to discontinue service must give at least three (3) days written notice to that effect unless the contract specifies otherwise. Notice to discontinue service prior to the expiration of a contract term will not relieve the customer from any minimum or guaranteed payment under such contract or applicable rate schedule.

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

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

(2) During the ten (10) day period, or thereafter, the occupant of premises to which service has been ordered discontinued by a customer other than such occupant, may be allowed by the municipality to enter into a contract for service in the occupant's own name upon the occupant's complying with these rules and regulations with respect to a new application for service. (1996 Code, § 18-116)

18-117. Access to customers' premises. The municipality's identified representatives and employees shall be granted access to all customers' premises at all reasonable times for the purpose of reading meters, for testing, inspecting, repairing, removing, and replacing all equipment belonging to the municipality, and for inspecting customers' plumbing and premises generally in order to secure compliance with these rules and regulations. (1996 Code, § 18-117)

18-118. Inspections. The municipality shall have the right, but shall not be obligated, to inspect any installation or plumbing system before water

service is furnished or at any later time. The municipality reserves the right to refuse service or to discontinue service to any premises not meeting standards fixed by municipal ordinances regulating building and plumbing, or not in accordance with any special contract, these rules and regulations, or other requirements of the municipality.

Any failure to inspect or reject a customer's installation or plumbing system shall not render the municipality liable or responsible for any loss or damage which might have been avoided, had such inspection or rejection been made. (1996 Code, § 18-118)

18-119. Customer's responsibility for system's property. Except as herein elsewhere expressly provided, all meters, service connections, and other equipment furnished by or for the municipality shall be and remain the property of the municipality. Each customer shall provide space for and exercise proper care to protect the property of the municipality on his premises. In the event of loss or damage to such property, arising from the neglect of a customer to care for same, the cost of necessary repairs or replacements shall be paid by the customer. (1996 Code, § 18-119)

18-120. Customer's responsibility for violations. Where the municipality furnishes water service to a customer, such customer shall be responsible for all violations of these rules and regulations which occur on the premises so served. Personal participation by the customer in any such violations shall not be necessary to impose such personal responsibility on him. (1996 Code, § 18-120)

18-121. Supply and resale of water. All water shall be supplied within the municipality exclusively by the municipality, and no customer shall, directly or indirectly, sell, sublet, assign, or otherwise dispose of the water or any part thereof, except with written permission from the municipality. (1996 Code, § 18-121)

18-122. Unauthorized use of or interference with water supply. No person shall turn on or turn off any of the municipality's stop cocks, valves, hydrants, spigots, or fire plugs without permission or authority from the municipality. (1996 Code, § 18-122)

18-123. Limited use of unmetered private fire line. Where a private fire line is not metered, no water shall be used from such line or from any fire hydrant thereon, except to fight fire or except when being inspected in the presence of an authorized agent of the municipality.

All private fire hydrants shall be sealed by the municipality, and shall be inspected at regular intervals to see that they are in proper condition and that no water is being used therefrom in violation of these rules and regulations.

When the seal is broken on account of fire, or for any other reason, the customer taking such service shall immediately give the municipality a written notice of such occurrence. (1996 Code, § 18-123)

18-124. Damages to property due to water pressure. The municipality shall not be liable to any customer for damages caused to his plumbing or property by high pressure, low pressure, or fluctuations in pressure in the municipality's water mains. (1996 Code, § 18-124)

18-125. Liability for cutoff failures. The municipality's liability shall be limited to the forfeiture of the right to charge a customer for water that is not used but is received from a service line under any of the following circumstances:

- (1) After receipt of at least ten (10) days' written notice to cut off water service, the municipality has failed to cut off such service;
- (2) The municipality has attempted to cut off a service but such service has not been completely cut off; or
- (3) The municipality has completely cut off a service, but subsequently, the cutoff develops a leak or is turned on again so that water enters the customer's pipes from the municipality's main.

Except to the extent stated above, the municipality shall not be liable for any loss or damage resulting from cutoff failures. If a customer wishes to avoid possible damage for cutoff failures, the customer shall rely exclusively on privately owned cutoffs and not on the municipality's cutoff. Also the customer (and not the municipality) shall be responsible for seeing that his plumbing is properly drained and is kept properly drained, after his water service has been cut off. (1996 Code, § 18-125)

18-126. Restricted use of water. In times of emergencies or in times of water shortage, the municipality reserves the right to restrict the purposes for which water may be used by a customer and the amount of water which a customer may use. (1996 Code, § 18-126)

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

In connection with the operation, maintenance, repair, and extension of the municipal water and sewer systems, the water supply may be shut off without notice when necessary or desirable and each customer must be prepared for such emergencies. The municipality shall not be liable for any damages from such interruption of service or for damages from the resumption of service without notice after any such interruption. (1996 Code, § 18-127)

18-128. Schedule of rates. All water and sewer service furnished by the municipality shall be furnished under such rate schedules as the town may from time to time adopt by ordinance.¹ (1996 Code, § 18-128, modified)

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

CHAPTER 2

SEWAGE AND HUMAN EXCRETA DISPOSAL¹

SECTION

- 18-201. Definitions.
- 18-202. Places required to have sanitary disposal methods.
- 18-203. When a connection to the public sewer is required.
- 18-204. When a septic tank shall be used.
- 18-205. Registration and records of septic tank cleaners, etc.
- 18-206. Use of pit privy or other method of disposal.
- 18-207. Approval and permit required for septic tanks, privies, etc.
- 18-208. Owner to provide disposal facilities.
- 18-209. Occupant to maintain disposal facilities.
- 18-210. Only specified methods of disposal to be used.
- 18-211. Discharge into watercourses restricted.
- 18-212. Pollution of ground water prohibited.
- 18-213. Enforcement of chapter.
- 18-214. Carnivals, circuses, etc.
- 18-215. Violations and penalty.

18-201. 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 feet (200') of any boundary of said property measured along the shortest available right-of-way.

(2) "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 seven hundred fifty (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 Guide for Location, Design, and Construction of Septic Tanks and Disposal Fields*. The liquid depth may range from thirty inches to sixty inches (30" to 60") with the preferred liquid depth of forty-eight inches (48"). For tanks of a given capacity and depth, the shape of a septic is unimportant.

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

¹Municipal code reference

Plumbing code: title 12, chapter 2.

underground water supply, and such disposal shall be in accordance with recommendations of the health officer as determined by acceptable soil percolation data.

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

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

(5) "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.

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

(7) "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.

(8) "Watercourse." Any natural or artificial drain which conveys water either continuously or intermittently. (1996 Code, § 18-201)

18-202. 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. (1996 Code, § 18-202)

18-203. 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 premises accessible to the sewer no other method of sewage disposal shall be employed. (1996 Code, § 18-203)

18-204. 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. (1996 Code, § 18-204)

18-205. 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. (1996 Code, § 18-205)

18-206. Use of pit privy or other method of disposal. Wherever a sanitary method of human excreta disposal is required under § 18-202 and water-carried sewage facilities are not used, a sanitary pit privy or other approved method of disposal shall be provided. (1996 Code, § 18-206)

18-207. 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. (1996 Code, § 18-207)

18-208. 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 § 18-202, or the agent of the owner to provide such facilities. (1996 Code, § 18-208)

18-209. 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. (1996 Code, § 18-209)

18-210. 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. (1996 Code, § 18-210)

18-211. 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. (1996 Code, § 18-211)

18-212. 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. (1996 Code, § 18-212)

18-213. 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 ten (10) 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. (1996 Code, § 18-213)

18-214. 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 ten (10) days provided for in the preceding section. (1996 Code, § 18-214)

18-215. Violations and penalty. 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. (1996 Code, § 18-215)

CHAPTER 3

CROSS-CONNECTIONS, AUXILIARY INTAKES, ETC.¹

SECTION

- 18-301. Definitions.
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- 18-309. Unpotable water to be labeled.
- 18-310. Violations and penalty.

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

- (1) "Auxiliary intake." Any piping connection or other device whereby water may be secured from a source other than that normally used.
- (2) "Bypass." Any system of piping or other arrangement whereby the water may be diverted around any part or portion of a water purification plant.
- (3) "Cross-connection." Any physical arrangement whereby the public water supply is connected, directly or indirectly, with any other water supply system, whether sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or other device which contains, or may contain, contaminated water, sewage, or other waste or liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow. Bypass arrangements, jumper connections, removable sections, swivel or change-over devices through which, or because of which, backflow could occur are considered to be cross-connections;
- (4) "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.
- (5) "Person." Any and all persons, natural or artificial, including any individual, firm, or association, and any municipal or private corporation organized or existing under the laws of this or any other state or country.

¹Municipal code reference

Plumbing and related codes: title 12.

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

18-302. Standards. The municipal public water supply is to comply with *Tennessee Code Annotated*, §§ 68-221-701 to 68-221-719 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.

18-303. Construction, operation, and supervision. 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 Environment and Conservation and the operation of such cross connection, auxiliary intake, bypass or interconnection is at all times under the direct supervision of the superintendent of the waterworks or his representative.

18-304. Statement required. Any person whose premises are supplied with water from the public water supply and who also has on the same premises a separate source of water supply, or stores water in an uncovered or unsanitary storage reservoir from which the water stored therein is circulated through a piping system, shall file with the superintendent of the waterworks a statement of the non-existence of unapproved or unauthorized cross-connections, 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.

18-305. Inspections required. It shall be the duty of the superintendent of the waterworks 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 waterworks and as approved by the Tennessee Department of Environment and Conservation.

18-306. Right of entry for inspections. The superintendent of the waterworks or his authorized representative shall have the right to enter, at any reasonable time, any property served by a connection to the public water supply for the purpose of inspecting the piping system or systems therein for cross-connections, auxiliary intakes, bypasses, or interconnections. On request, the owner, lessee, or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or

systems on such property. The refusal of such information or refusal of access, when requested, shall be deemed evidence of the presence of cross-connections.

18-307. Correction of existing violations. Any person who now has cross-connections, auxiliary intakes, bypasses, or interconnections in violation of the provisions of this chapter shall be allowed a reasonable time within which to comply with the provisions of this chapter. After a thorough investigation of existing conditions and an appraisal of the time required to complete the work, the amount of time shall be designated by the superintendent of the waterworks.

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 superintendent of the waterworks shall be grounds for denial of water service. If proper protection has not been provided after a reasonable time, the superintendent of the waterworks 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 management of the water supply 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 (are) corrected immediately.

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

(1) Impractical to provide an effective air-gap separation,
(2) That the owner and/or occupant of the premises cannot, or is not willing, to demonstrate to the superintendent of the waterworks, 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 waterworks or his designated representative, shall require the use of an approved protective device on the service line serving the premises to assure that any contamination that may originate in the customer's premises is contained therein. The protective device shall be a reduced pressure zone type backflow preventer approved by the Tennessee Department of Environment and Conservation as to manufacture,

model, and size. The method of installation of backflow protective devices shall be approved by the superintendent of the waterworks prior to installation and shall comply with the criteria set forth by the Tennessee Department of Environment and Conservation. The installation shall be at the expense of the owner or occupant of the premises.

Personnel of the municipal public water supply shall have the right to inspect and test the device or devices on an annual basis or whenever deemed necessary by the superintendent of the waterworks 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 of the waterworks 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 superintendent of the waterworks 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 waterworks.

The failure to maintain backflow prevention devices in proper working order shall be grounds for discontinuing water service to a premises. Likewise, the removal, bypassing, or altering of the protective devices or the installation thereof so as to render the devices 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 superintendent of the waterworks.

18-309. Unpotable water to be labeled. In order that 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

The minimum acceptable sign shall have black letters at least one-inch high located on a red background.

18-310. Violations and penalty. The requirements contained herein shall apply to all premises served by the town water system whether located inside or outside the corporate limits and are hereby made a part of the conditions required to be met for the town 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 corporate limits.

Any person who neglects or refuses to comply with any of the provisions of this chapter shall be subject to a penalty under the general penalty provision of this code. Each day a violation is allowed to occur shall be a separate offense.