

outline is defined and used in this document

## **TITLE VII. PUBLIC UTILITIES**

### **CHAPTER 700: PUBLIC AND PRIVATE SEWERS**

#### **ARTICLE I. GENERALLY**

##### **SECTION 700.010: DEFINITIONS**

Unless the context specifically indicates otherwise, the meaning of the terms used in this Chapter shall be as follows:

*BIOCHEMICAL OXYGEN DEMAND (BOD):* The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days of twenty degrees (20°)C, expressed in milligrams per liter.

*BUILDING DRAIN:* That part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet, (1.5 meters), outside the inner face of the building wall.

*BUILDING SEWER:* The extension from the building drain to the public sewer or other place of disposal, also called house connection.

*COMBINED SEWER:* A sewer intended to receive both wastewater and storm or surface water.

*DIRECTOR:* The Director of Public Works for the City of Scott City, or his authorized deputy, agent or representative.

*EASEMENT:* An acquired legal right for the specific use of land owned by others.

*FLOATABLE OIL:* Oil, fat or grease in a physical state such that it will separate by gravity from wastewater by treatment in any approved pretreatment facility. A wastewater shall be considered free of floatable fat if it is properly pretreated and the wastewater does not interfere with the collection system.

*GARBAGE:* The animal and vegetable waste resulting from the handling, preparation, cooking, and serving of foods.

*INDUSTRIAL WASTE:* The wastewater from industrial processes, trade, or business as distinct from domestic or sanitary wastes.

*MAY:* Is permissive (see "Shall", this Section).

*NATURAL OUTLET:* Any outlet, including storm sewers and combined sewer overflows, into a watercourse, pond, ditch, lake, or other body of surface or groundwater.

*PERSON:* Any individual, firm, company, association, society, corporation, or group.

*pH:* The logarithm of the reciprocal of the hydrogenion concentration. The concentration is the weight of hydrogen ions, in grams, per liter of solution. Neutral water, for example, has a pH value of seven (7) and a hydrogen-ion concentration of  $10^{-7}$ .

*PROPERLY SHREDDED GARBAGE:* The wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half ( $\frac{1}{2}$ ) inch, (1.27 centimeters) in any dimension.

*PUBLIC SEWER:* A common sewer controlled by a governmental agency or public utility.

*SANITARY SEWER:* A sewer that carries liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with minor quantities of ground, storm, and surface waters that are not admitted intentionally.

*SEWAGE:* The spent water of a community. The preferred term is "wastewater", in this Section.

*SEWER:* A pipe or conduit that carries wastewater or drainage water.

*SHALL:* Is mandatory (see "May", this Section).

*SLUG:* Any discharge of water or wastewater 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 concentration or flows during normal operation and shall adversely affect the collection system and or performance of the wastewater treatment works.

*STORM DRAIN:* (sometimes termed "storm sewer") A drain or sewer for conveying water, groundwater, subsurface water, or unpolluted water from any source.

*SUSPENDED SOLIDS:* Total suspended matter that either floats on the surface of, or is in suspension in, water, wastewater, or other liquids, and that is removable by laboratory filtering as prescribed in "Standard Methods for the Examination of Water and Wastewater" and referred to as nonfilterable residue.

*UNPOLLUTED WATER:* Water of quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefitted by discharge to the sanitary sewers and wastewater treatment facilities provided.

*WASTEWATER:* The spent water of a community. From the standpoint of source, it may be a combination of the liquid and water carried wastes from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and storm water that may be present.

*WASTEWATER FACILITIES:* The structures, equipment, and processes required to collect, carry away, and treat domestic and industrial wastes and dispose of the effluent.

*WASTEWATER TREATMENT WORKS:* An arrangement of devices and structures for treating wastewater, industrial wastes, and sludge. Sometimes used as synonymous with "waste treatment plant" or "water pollution control plant".

*WATERCOURSE:* A natural or artificial channel for the passage of water either continuously or intermittently. (Ord. No. 102, Art. I §§1-27, 4-4-83)

**SECTION 700.020: USE OF PUBLIC SEWERS REQUIRED**

- 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 City of Scott City or in any area under the jurisdiction of said City of Scott City, any human or animal excrement, garbage or objectionable waste.
- B. It shall be unlawful to discharge to any natural outlet within the City of Scott City, or in any area under the jurisdiction of said City of Scott City, any wastewater 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 wastewater.
- D. The owner(s) of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the City of Scott City and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located in a public sanitary or combined sewer of the City of Scott City, is hereby required at the owner(s) 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 ninety (90) days after date of official notice to do so, provided that said public sewer is within one hundred (100) feet, (30.5 meters) of the property line. (Ord. No. 102, Art.II §§1-4, 4-4-83)

**SECTION 700.030: PRIVATE WASTEWATER DISPOSAL**

- A. Where a public sanitary or combined sewer is not available under the provisions of Section 700.020 (D), the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this Section.
- B. Before commencement of construction of a private wastewater disposal system, the owner(s) shall first obtain a written permit signed by the Director. The application for such permit shall be made on a form furnished by the City of Scott City, which applicant shall supplement by any plans, specifications, and other information as are deemed necessary by the Director. A permit and inspection fee of five dollars (\$5.00) shall be paid to the City of Scott City at the time the application is filed.
- C. A permit for a private wastewater disposal system shall not become effective until the installation is completed to the satisfaction of the Director. The Director shall be allowed to inspect the work at any stage of construction, and, in any event, the applicant for the permit shall notify the Director when the work is ready for final inspection, and before

any underground portions are covered. The inspection shall be made within seventy-two (72) hours of the receipt of notice by the Director.

- D. The type, capacities, location, and layout of a private wastewater disposal system shall comply with all recommendations of the Department of Public Health of the State of Missouri. No permit shall be issued for any private wastewater disposal system employing subsurface soil absorption facilities where the area of the lot is less than seven thousand one hundred (7,100) square feet. No septic tank or cesspool shall be permitted to discharge to any natural outlet.
- E. At such time as a public sewer becomes available to a property served by a private wastewater disposal system, as provided in Subsection (D) of this Section, a direct connection shall be made to the public sewer within sixty (60) days in compliance with this Section, and any septic tanks, cesspools, and similar private wastewater disposal facilities shall be cleaned of sludge and filled with suitable material.
- F. The owner(s) shall operate and maintain the private wastewater disposal facilities in a sanitary manner at all times, at no expense to the City of Scott City.
- G. No statement contained in this Section shall be construed to interfere with any additional requirements that may be imposed by the Health Officer.  
(Ord. No. 102, Art. III §§1-7, 4-4-83)

**SECTION 700.040: BUILDING SEWERS AND CONNECTIONS**

- A. No unauthorized person(s) 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 Director.
- B. There shall be two (2) classes of building sewer permits:
  - 1. For residential and commercial service, and
  - 2. For service to establishments producing industrial wastes.
  - 3. In either case, the owner(s) or his/her agent shall make application on a special form furnished by the City of Scott City. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Director. A permit and inspection fee of thirty-five dollars (\$35.00) for a residential, commercial or industrial building sewer permit shall be paid to the City of Scott City at the time the application is filed.
- C. All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner(s).
- D. A separate and independent building sewer shall be provided for every building; except where one (1) 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 front building may be extended to the rear building and the whole considered as one (1) building sewer, but the City of Scott City does not and will

not assume responsibility for damage caused by or resulting from any such single connection aforementioned.

- E. Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Director, to meet all requirements of this Chapter.
- F. The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, joining, testing, and back-filling the trench, shall all conform to the requirements of the Building and Plumbing Code or other applicable rules and regulations of the City of Scott City. In the absence of Code provisions, or in amplification thereof, the materials and procedures set forth in appropriate specifications of the ASTM and WPCF Manual of Practice No. 9 shall apply.
- G. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. 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.
- H. No person(s) shall make connection of roof downspouts, foundation drains, areaway 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 unless such connection is approved by the Director for purposes of disposal of polluted surface drainage.
- I. The connection of the building sewer into the public sewer shall conform to the requirements of the Building and Plumbing Code or other applicable rules and regulations of the City of Scott City, or the procedures set forth in appropriate specifications of the ASTM and the WPCF Manual of Practice No. 9. All such connections shall be made gas-tight and water-tight and verified by proper testing. Any deviation from the prescribed procedures and materials must be approved by the Director before installation.
- J. The applicant for the building sewer permit shall notify the Director when the building sewer is ready for inspection and connection to the public sewer. The connection and testing shall be made under the supervision of the Director or his representative.
- K. 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. (Ord. No. 102, Art. IV §§1-11, 4-4-83; Ord. No. 551, 3-17-97; Ord. No. 689 §15, 7-16-01)

**SECTION 700.050: USE OF THE PUBLIC SEWERS**

- A. No person(s) shall discharge or cause to be discharged any unpolluted waters such as storm water, ground water, roof runoff, subsurface drainage, or cooling water to any sewer; except stormwater runoff from limited areas, which stormwater may be polluted at times, may be discharged to the sanitary sewer by permission of the Director.
- B. Storm water other than that exempted under Subsection (A) hereof, and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers or to a natural outlet approved by the Director and

other regulatory agencies. Unpolluted industrial cooling water or process waters may be discharged, on approval of the Director, to a storm sewer, combined sewer or natural outlet.

C. No person(s) shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

1. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
2. Any waters containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any waste treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the waste-water treatment plant.
3. Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater works.
4. Solid or vicious substances in quantities or of such size capable of causing obstruction to the flow in size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the wastewater facilities such as, but not limited to, ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

D. The following described substances, materials, waters, or waste shall be limited in discharges to municipal systems to concentrations or quantities which will not harm either the sewers, wastewater treatment process or equipment, will not have an adverse effect on the receiving stream, or will not otherwise endanger lives, limb, public property or constitute a nuisance. The Director may set limitations lower than the limitations established in the regulations below if in his opinion such more severe limitations are necessary to meet the above objectives. In forming his opinion as to the acceptability, the Director will give consideration to such factors as the quantity of subject waste in relation to flows and velocities in the sewers, materials of construction of the sewers, the wastewater treatment process employed, capacity of the wastewater treatment plant, degree of treatability of the waste in the wastewater treatment plant, and other pertinent factors. The limitations or restrictions on materials or characteristics of waste or wastewaters discharged to the sanitary sewer which shall not be violated without approval of the Director are as follows:

1. Wastewater having a temperature higher than one hundred fifty degrees Fahrenheit (150°F), sixty-five degrees Celsius (65°C).
2. Wastewater containing more than twenty-five (25) milligrams per liter of petroleum oil, non-biodegradable cutting oils, or product of mineral oil origin.
3. Wastewater from industrial plants containing floatable oils, fat, or grease.

4. Any garbage that has not been properly shredded (see Section 700.010, "Properly Shredded Garbage"). Garbage grinders may be connected to sanitary sewers from homes, hotels, institutions, restaurants, hospitals, catering establishments, or similar places where garbage originates from the preparation of food in kitchens for the purpose of consumption on the premises or when served by caterers.
  5. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances to such degree that any such material received in the composite wastewater at the wastewater treatment works exceeds the limits established by the Director for such materials.
  6. Any waters or wastes containing odor-producing substances exceeding limits which may be established by the Director.
  7. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Director in compliance with applicable State or Federal regulations.
  8. Quantities of flow, concentration, or both which constitutes a "slug" as defined herein.
  9. Waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment processes employed, or are amenable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
  10. Any water or wastes which, by interaction with other water or wastes in the public sewer system, release obnoxious gases, from suspended solids which interfere with the collection system, or create a condition deleterious to structures and treatment processes.
- E. If any waters or wastes are discharged or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Subsection (D) hereof, and which in the judgment of the Director, may have a deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Director may:
1. Reject the wastes,
  2. Require pretreatment to an acceptable condition for discharge to the public sewers,
  3. Require control over the quantities and rates of discharge, and or
  4. Require payment to cover added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provisions of Subsection (J) of this Section.

When considering the above alternatives, the Director shall give consideration to the economic impact of each alternative on the discharger. If the Director permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Director.

- F. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Director, they are necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts, as specified in Subsection D (3) hereof, or any flammable wastes, sand, or other harmful ingredients. All interceptors shall be of a type and capacity approved by the Director and shall be located as to be readily and easily accessible for cleaning and inspection. In the maintaining of these interceptors, the owner(s) shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of the dates, and means of disposal which are subject to review by the Director. Any removal and hauling of the collected materials not performed by owner(s) personnel must be performed by currently licensed waste disposal firms.
- G. Where pretreatment or flow-equalizing facilities are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner(s) at his expense.
- H. When required by the Director, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such structure, when required, shall be accessibly and safely located and shall be constructed in accordance with plans approved by the Director. The structure shall be installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.
- I. The Director may require a user of sewer services to provide information needed to determine compliance with this Chapter. These requirements may include:
1. Wastewaters discharge peak rate and volume over a specified time period.
  2. Chemical analyses of wastewaters.
  3. Information on raw materials, processes, and products affecting wastewater volume and quality.
  4. Quantity and disposition of specific liquid, sludge, oil, solvent, or other materials important to sewer use control.
  5. A plot plan of sewers of the user's property showing sewer and pretreatment facility location.
  6. Details of wastewater pretreatment facilities.
  7. Details of systems to prevent and control the losses of materials through spills to the municipal sewer.
- J. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this Chapter shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association. Sampling methods, location, times, durations, and frequencies are to be determined on an individual basis subject to approval by the Director.



- K. No statement contained in this Section shall be construed as preventing any special agreement or arrangement between the City and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment.
- L. The City of Scott City shall be responsible for maintaining all public sewer mains and manholes, excluding all risers on Y's coupled to the sewer main. The installation, maintenance, and location of all sewer lines from private property to the City's sewer main shall be the responsibility of the owner wishing to run City sewer lines from the City main to his or her property. Said property owner's duty to maintain the sewer line includes the duty to maintain the riser located on the Y coupled to the sewer main and to remove all obstructions located in the sewer line and riser, connected to the sewer main. (Ord. No. 102, Art. V §§1-11, 4-4-83; Ord. No. 250 §2, 12-19-88)

**SECTION 700.060: UNLAWFUL TO TAMPER**

No person(s) shall maliciously, willfully, intentionally break, damage, destroy, uncover, deface, or tamper with any structure, appurtenances or equipment which is a part of the wastewater facilities. Any person(s) violating this provision shall be subject to immediate arrest under charge of property damage. (Ord. No. 102, Art. VI §1, 4-4-83)

**SECTION 700.065: MUTUAL AID IN EMERGENCIES**

Under the authority set forth in Section 70.837, RSMo., the Scott City Public Works Department is hereby authorized to respond and provide assistance as requested in any mutual aid or emergency aid request. (Ord. No. 597 §1, 2-2-98)

**SECTION 700.070: POWERS AND AUTHORITY OF INSPECTORS**

- A. The Director and other duly authorized employees of the City bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing pertinent to discharge to the community system in accordance with the provisions of this Chapter.
- B. The Director or other duly authorized employees are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source of discharge to the wastewater collection system. The industry may withhold information considered confidential. The industry must establish that the revelation to the public of the information in question might result in an advantage to competitors.
- C. While performing the necessary work on private properties referred to in Subsection (A) hereof, above the Director 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 company 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 company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required in Section 700.050 (H).
- D. The Director and other duly authorized employees of the City bearing proper credentials

and identification shall be permitted to enter all private properties through which the City holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the wastewater facilities lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

- E. If any person shall violate the provisions of this Article, he shall be deemed guilty of a misdemeanor and upon conviction shall be fined not less than one dollar (\$1.00), nor more than five hundred dollars (\$500.00) for each violation.  
(Ord. No. 102, Art. VII §§1-6, 4-4-83)

**SECTION 700.075: EXPENSE OF EXTENSION OF SEWER AND WATER LINES**

A. In the event a landowner or developer requests the extension of water and/or sewer lines from the City's existing mains to the property line of the owner or developer closest to the City's water and/or sewer main, and in the further event the property to be serviced is within the City limits of Scott City, Missouri, the City shall pay the actual cost of installing the water and/or sewer lines from the City's existing mains to the owner or developer's premises, provided said cost is under the sum of eight thousand dollars (\$8,000.00) and the length of line extended from the City's existing main is under one thousand (1,000) feet. Said cost shall include, but shall not be limited to, the following:

1. The construction cost of any lift station required by the City's Public Works Director.
2. The cost of any fire hydrants required to be installed by the City's Fire Chief.
3. Any engineering study required by the City's Public Works Director.
4. All labor and materials required for the installation of the water and sewer lines.
5. The cost of procuring the necessary easements from all third parties who own property across which the water and/or sewer lines will run.

B. In the event the cost of the extension of the water and/or sewer lines exceed the sum of eight thousand dollars (\$8,000.00) or the length of the line to be extended is more than one thousand (1,000) feet, then the City Council may, in its discretion, elect to pay the additional costs of extending the water and/or sewer lines if said extension would benefit the City. In making such a determination the Council shall consider all relevant factors including, but not limited to, the following:

1. The number of consumers the extension of the water and/or sewer line will service.
2. The likelihood that the water and/or sewer line extension will promote additional development on the land abutting the proposed location of the lines.
3. The extent of anticipated usage of water and sewer by the developer or owner of the property requesting the extension.
4. The value of the property to be serviced by the extension of the water and/or sewer line.

If the City elects to bear the full costs of the extension of a water and/or sewer line exceeding eight thousand dollars (\$8,000.00) or extending over one thousand (1,000) feet from the City's existing main, the City Council minutes shall reflect the specific findings of the Council justifying said expenditure for the benefit of the City.

- C. If the City elects not to extend water and/or sewer lines to an owner or developer because the cost exceeds eight thousand dollars (\$8,000.00) or the distance of line to be extended is in excess of one thousand (1,000) feet, the City may permit the developer or owner, at the developer or owner's expense, to install the water and/or sewer line, with the owner and/or developer assuming all costs as set forth in paragraph (A) above.

After acquiring any easements from third parties to install the water and/or sewer lines, the owner/developer shall upon completion of the water and/or sewer lines execute appropriate documents transferring his right, title and interest in the easements to the City.

The construction of extensions of water and/or sewer lines from the City's existing main to the property of the owner or developer shall be under the direct supervision of the City's Public Works Director. If, in the opinion of the Public Works Director, the developer or any of his agents, servants or employees fail to comply with the requirements of this Section or the specifications of the Public Works Director, any permit issued to the owner or developer shall be suspended until such time as, in the opinion of the Public Works Director, the owner or developer has cured his failure to comply with this Section or the specifications.

In the event an owner or developer extends his water and/or sewer mains to his premises at his costs, the City may enter into such appropriate contracts as will reimburse the owner or developer for his expense, at such time as third parties are allowed to connect to the water and/or sewer line installed by the owner or developer. (Ord. No. 403 §1, 6-21-93; Ord. No. 647 §1, 12-20-99)

## ARTICLE II. RATES AND CHARGES

### SECTION 700.080: RATES AND USER FEES FOR PREMISES OUTSIDE CITY LIMITS

#### A. *Rates and Fees—Generally.*

1. Each water user located outside the City limits of the City of Scott City, Missouri, desiring to receive water and/or sewer services must have advance approval of the City Council. Each user must provide a water meter or meters in the following locations:
  - a. If the user is to be serviced by a water line extending from an existing City water main, said water meter shall be installed at the point the private line connects to the City's water main.
  - b. If the user is to be serviced by a line to be connected to another private line, one (1) water meter shall be installed at the water user's residence or place of business and another water meter shall be installed at the location that the private line, onto which the water user is connecting, is itself connected to the City's water main.

2. In addition, all persons requesting water hookup after April 1, 1997, outside the corporate City limits of Scott City, Missouri, whose property is not contiguous to City limits shall pay a hook-up charge of five hundred dollars (\$500.00) for the right to use City water. All persons requesting sewer services outside of the corporate limits of Scott City, for property which is not contiguous to City limits, after April 1, 1997, shall pay hookup fee of two thousand five hundred (\$2,500.00) for the right to use City sewer services. Any person requesting water or sewer services after April 1, 1997, for property contiguous to City limits shall comply with the requirements of Section 700.085 of the City Code.
3. In the event an outside water and/or sewer user conveys all of his/her real estate which is receiving City water and/or sewer services, the Grantee may continue to receive City water and/or sewer services provided the Grantee signs the contracts required between the City and outside water and/or sewer users as provided by City ordinances.
4. In the event an outside water and/or sewer user partitions or subdivides real estate which is receiving City water and/or sewer services, any subsequent Grantee who acquires existing structures on the premises which were, at the time of the contract between the Grantor and the City, serviced by City water and/or sewer services may continue to receive City water and sewer services, provided said Grantee signs the necessary contracts between the City and outside water and sewer users as required by City ordinance. However, any Grantee who receives a portion of the Grantor's real estate, which said portion of real estate does not include the structure which the water or sewer contract between the Grantor and the City services, shall be required to pay the requisite five hundred dollars (\$500.00) hook-up fee prior to connection for City water and shall pay the requisite two thousand five hundred dollars (\$2,500.00) hook-up fee for City sewer services prior to connection to City sewers.

B. *Reserved.*

*Editor's Note—Ord. no. 766 §1 adopted September 7, 2004, superseded this subsection and set out new provisions concerning disconnection/reconnection of service and charges therefor in Section 700.100(C).*

- C. A separate water and sewer charge shall be made for each user. A user is defined as each separate residential or commercial unit regardless whether one (1) or more are located on the same premises.
- D. Whenever, for any cause, a water meter cannot be read, a reasonable estimate shall be made by the water billing clerk of the amount of water supplied during the period such meter was not read and the user shall pay a rate based in whole or in part on the estimated amount of water supplied. In the event two (2) or more users are serviced by one (1) private line extending from the City's water main and the total water usage as measured in the water meter located at the point of connection of the private line with the City's water main is greater than the total water usage as measured at each individual water user's residence or place of business, each user shall be billed a percentage of the difference in proportion to the number of users on the private line.

In the event there is leakage in a private outside water line, the City's Public Works Director may disconnect the outside water line from the City's water supply until the line has been repaired to eliminate the leakage.

- E. The City of Scott City reserves the right to limit the use of water to users outside the City limits and shall require each user to sign a contract.
- F. All non-residents who are presently receiving and wish to continue to receive water and sewer services, but have not heretofore signed contracts with the City for the supply of said services, shall be supplied with City water and or sewer services upon signing a written contract with the City for the supply of said services. The duration of each of the aforesaid contracts shall commence the date the contract is signed and shall terminate September 30, 1990. Each aforesaid contract shall be in substantially the same form and contain the same terms as the contracts authorized pursuant to Scott City Ordinance Number 242, which requires non-resident users to pay a flat charge of ten dollars and fifty cents (\$10.50) per month and a flat charge of seven dollars and ninety-eight cents (\$7.98) per month for sewer services, plus an additional charge based upon the usage to be calculated as set out in Chapter 715 of this Code. A copy of said contract for water services is marked "Exhibit A" and is on file in the City Clerk's Office. A copy of said contract for sewer services is marked "Exhibit B" and is on file in the City Clerk's Office.
- G. All non-residents presently receiving City water and or sewer services and who wish to receive City water and or sewer services from October 1, 1990, through September 30, 1992, shall be supplied with City water and or sewer services during said term upon signing a written contract with the City for the supply of City water and or sewer services. The duration of said contracts called for in this Subsection shall be from October 1, 1990, through September 30, 1992. The terms of said contracts shall require non-resident users to pay one hundred seventy-five percent (175%) of what a City resident, using the same volume of water, pays for water and or sewer services. A copy of said contract for water services from October 1, 1990, through September 30, 1992, is marked "Exhibit C" and is on file in the City Clerk's office. A copy of said contract for sewer services from October 1, 1990, through September 30, 1992, is marked "Exhibit D" which is on file in the City Clerk's office.
- H. The Mayor is authorized to sign, on behalf of the City, the contracts for the supply of City water and or sewer services, set forth in Exhibits A, B, C, and D, which are on file in the City Clerk's office. (Ord. No. 226 §§1-7, 6-20-88; Ord. No. 260, Art. I-III, 5-15-89; Ord. No. 415 §1, 11-18-93; Ord. No. 488 §§1-2, 10-16-95; Ord. No. 550, 3-17-97)

**SECTION 700.085: CONNECTION OF WATER AND SEWER TO PROPERTY OUTSIDE THE LIMITS, WHICH IS CONTIGUOUS TO CITY LIMITS**

- A. All connections into the water and sewer system, whether made directly or indirectly, of property located outside the City limits, which is contiguous to the City limits, shall be made in accordance with the following provisions:
1. The owners of the land shall submit a petition for annexation of the land into the City;

2. A parcel of property shall be developed and used in accordance with the plans for its land use adopted by the City Council and approved by the Mayor. If no plans for the land use have been adopted and approved at the time of the application for service, then service shall not be permitted until plans have been adopted and approved; and,
  3. Except as otherwise provided by the Mayor and City Council, the parcel of property shall be developed in accordance with City specification and standards as though the property were within the City limits.
- B. Nothing contained herein shall interfere with the City's existing contracts for water and sewer services to outside water users. (Ord. No. 549 §1, 3-17-97)

**SECTION 700.090: FEE SCHEDULE FOR EACH WATER CONNECTION**

- A. From and after October 16, 1989, no water connection shall be made to any water main in the City of Scott City without the person seeking the water connection first paying the actual cost of installing the water connection from any City main to the property line.
- B. Actual cost of installing is to be determined by the Public Works Department and shall be in writing, one (1) copy to be retained in the Public Works Department files, one (1) copy to the City Clerk and one (1) copy to the person seeking the water connection. (Ord. No. 282 §1, 10-16-89)

**SECTION 700.100: FEE SCHEDULE FOR EACH WATER CONNECTION**

- A. From and after October 16, 1989, no water connection shall be made to any water main in the City of Scott City without the person seeking the water connection first paying the actual cost of installing the water connection from any City main to the property line. Actual cost of installing is to be determined by the public works department and shall be in writing, one (1) copy to be retained in the public works file, one (1) copy to be retained by the City Clerk, and one (1) copy to be delivered to the person seeking the water connection.
- B. All users of the City's Water and Sewer Services must pay their monthly bill within ten (10) days of the billing date. Upon failure of a user to pay his or her bill within ten (10) days of the billing date, a penalty of ten percent (10%) will be assessed against the user.
- C. *Disconnection Of Service.*
1. Upon failure to pay the monthly bill within twenty (20) days of the billing, the City shall discontinue services to said users, for which a fifteen dollar (\$15.00) disconnection fee shall be charged. An additional fifteen dollars (\$15.00) shall be charged to reconnect the services. Upon a user's second failure to pay the monthly bill within twenty (20) days of billing, the City shall disconnect services to said user, for which an additional fee of thirty dollars (\$30.00) disconnection fee shall be charged. Thereafter, a charge of thirty dollars (\$30.00) will be assessed for the user for a second (2nd) reconnection to water services. Upon failure to pay the monthly bill for the third (3rd) time within twenty (20) days of billing, the City shall discontinue services to said user for which an additional sixty dollar (\$60.00) disconnection fee will be charged. Thereafter, a charge of sixty dollars (\$60.00) will be assessed against the user for reconnection fee of water services for the third (3rd) time. A disconnection fee of seventy-five dollars (\$75.00) and a reconnection fee of seventy-five dollars (\$75.00) shall be assessed for more than three (3) disconnections or if three (3) reconnections to the same user. All fees paid for disconnection and

reconnection of services set forth above shall be paid to the Public Works Department to defray its expenses incurred in disconnecting and reconnecting services to the user.

2. After disconnection, if the user pays the disconnection and reconnection fees prior to 12:00 Noon, the water will be reconnected by the Public Works Department before 4:00 P.M. that day.
3. If the disconnection and reconnection fees are not paid until 12:00 Noon, the user's water shall be reconnected the following business day. (Ord. No. 74 §§1-3, 1-4-82; Ord. No. 643 §1, 11-16-99; Ord. No. 766 §1, 9-7-04)

**SECTION 700.110: WATER SECURITY DEPOSITS**

- A. A water security deposit shall be required before any connection shall be made to the City Water System in the amounts set out herein:
1. If the application is made by the owner of the property, a water security deposit of twenty-five dollars (\$25.00) shall be required.
  2. If the application is made by anyone other than the owner, a water security deposit of fifty dollars (\$50.00) shall be required.
- B. The charge for the water security deposit shall be in addition to any other charge required by ordinances of the City of Scott City, Missouri. (Ord. No. 355 §1, 9-7-76; Ord. No. 58 §1, 5-4-81; Ord. No. 643 §2, 11-16-99; Ord. No. 766 §2, 9-7-04)

**SECTION 700.120: WATER AND SEWER RATES FOR RESIDENTS**

City water and sewer rates are set out in the below schedule to be effective for the billing cycle on January 1, 2011.

.....CITY WATER AND SEWER RATES			
.....Effective January 1, 2011			
Meter Size	Water Charge	Sewer Charge	Meter Replacement And Maintenance Fee
3/4"	\$0.25 per 100 gallon	76% of water	\$0.60 per month
5/8"	\$0.25 per 100 gallon	76% of water	\$0.60 per month
1"	\$0.25 per 100 gallon	76% of water	\$1.25 per month
2"	\$0.30 per 100 gallon	76% of water	\$15.00 per month
4"	\$0.30 per 100 gallon	76% of water	\$15.00 per month
6"	\$0.30 per 100 gallon	76% of water	\$25.00 per month
Larger than 6"	\$0.30 per 100 gallon	76% of water	\$30.00 per month
NOTE: There will be a minimum bill charged each month for 3,000 gallons of usage.			

(Ord. No. 242 (Res. #13) §2, 11-7-88; Ord. No. 529 §1, 9-3-96; Ord. No. 561 §700.120, 6-2-97; Ord. No. 664 §1, 9-5-00; Ord. No. 675 §1, 11-1-00; Ord. No. 912 §1, 12-20-10)

**SECTION 700.125: WATER RATES AND REGULATIONS FOR APARTMENTS AND DUPLEXES**

- A. Each apartment dwelling and duplex shall only be required to have one (1) water meter and the owner of each such building located within City limits shall be charged the rate for water and sewer use as set forth in Section 700.120. Any apartment, dwelling or duplex located outside City limits shall be charged the rate for water and sewer use as set forth in Section 700.080.
- B. Each unit accommodating a residence in the apartment building or duplex shall have a shut off valve on the water line servicing that particular unit.
- C. The owner of each apartment building shall designate an agent, specifying name, address and phone number, one (1) of whom shall be accessible to the City at all times in the event the City requires the owners to shut off the valve or give the City permission to shut off the valve as circumstances may justify. (Ord. No. 603 §1, 6-1-98)

**SECTION 700.130: CONNECTION FEES AND WATER RATES—TENANTS OF SOUTHEAST MISSOURI PORT AUTHORITY**

- A. The tenants of the Southeast Missouri Port Authority, who are located within the current boundaries of the port authority, shall be allowed to tap onto City water through the ten (10) inch line located in the port authority. All water connections shall be subject to inspection and approval by the City's Public Works Director. No water connection shall be made to the ten (10) inch line without the tenant seeking the water connection first paying the actual cost incurred by the City for the connection. The minimum cost for routine inspection and approval of the connection shall be fifty dollars (\$50.00). Additional costs shall be based upon the time incurred and the materials expended by the Public Works Department, as determined by the City's Public Works Director, whose determination shall be conclusive. All connections shall be made by a plumber licensed by the City of Scott City, or other City with equivalent licensing requirements. All said plumbers shall procure the necessary permits, with bond requirements, as set forth in the City Code. No water connection shall be made without the tenant first paying to the City the required security deposit required under Section 700.110.
- B. Tenants of the Southeast Missouri Port Authority shall be exempted from paying the lump sum tap fee required of other outside water users.
- C. Tenants at the Southeast Port Authority shall pay the regular monthly water rates required of resident users. (Ord. No. 442 §§1–3, 9-6-94)

**ARTICLE III. MISCELLANEOUS PROVISIONS**

**SECTION 700.140: SHUTOFF VALVES**

Prior to allowing any new taps into the City water supply, the Public Works Director shall insure that a shutoff valve is installed, at the owner's expense, on the premises to be serviced with City water. The shutoff valve shall conform to specifications of the Public Works Director and shall be installed between the residence or building serviced and the water meter. (Ord. No. 526 §1, 9-3-96; Ord. No. 535 §1, 10-7-96)



**SECTION 700.145: WATER LEAKS ON PRIVATE LINES**

- A. In the event there is a water leak in a private water line the City shall notify the owner of the premises on which the leak is located or the owner's agent by ordinary mail or personal service, requiring correction of the leak within thirty (30) days. If the owner fails to repair the leak within thirty (30) days, the City shall discontinue water services to the premises on which the leak is located until the leak is repaired to the satisfaction of the Public Works Director.
- B. Notwithstanding the provisions of Subsection (A) above, if there is a major water leak on a private line, which threatens the City's ability to provide adequate water supply to other users, the Public Works Director shall notify the Mayor, who may authorize the Public Works Director to discontinue water services to the premises on which the leak is located until the leak no longer threatens the City's ability to supply water to other users.  
(Ord. No. 604 §1, 6-1-98)

**SECTION 700.146: THE REPLACEMENT AND/OR RELOCATION OF WATER METERS ON PRIVATE PREMISES**

Anytime it is determined there exists a need to replace or relocate a water meter on private premises the owner shall notify the Public Works Director of said request and permit the Public Works Director to inspect the location of the existing water meter and the proposed site of any replacement. Upon verification by the Public Works Director that the water meter requires replacement or needs to be relocated to a site accessible to the Public Works Department, the City shall provide a meter, setter, pit and ring with lid for the replacement and/or relocation of the water meter. The landowner shall pay all other costs associated with the replacement and/or relocation of the water meter. (Ord. No. 797 §1, 2-6-06)

**SECTION 700.150: WATER CONSERVATION PLAN**

- A. *Voluntary Curtailment Or Restrictions.* During periods of drought, disaster, or other conditions which may or would create a water shortage problem to the City, in the best interest of the citizens of Scott City, the Mayor may request City water customers to voluntarily curtail water use. Such requests may be, but not limited to: voluntary curtailment or restrictions on lawn watering, car washing, filling or refilling of swimming pools, washing of driveways, parking areas and other paved areas, requesting commercial and industrial users to reduce water usage by twenty-five percent (25%) and other non-essential uses.
- B. *Mandatory Curtailment Or Restrictions.* If a disaster occurs, severe conditions exist, and/or voluntary water curtailment or restrictions are requested and demands on the water system continue to indicate that the threat of a water shortage will continue or occur, the Mayor may immediately implement any parts of the below conservation plan and/or any other action deemed necessary to reduce or curtail water use:

*Mandatory Conservation Plan*

- 1. Mandatory restriction of lawn watering: Even-numbered addresses water on even-numbered days of the month, odd-numbered address water on odd-numbered days.

2. Mandatory ban on all lawn watering, watering of gardens, plants and trees is prohibited except from a hand-held container.
  3. Mandatory ban on washing sidewalks, driveways, parking areas, patios and other paved areas.
  4. Mandatory ban on the filling or refilling of swimming pools, and/or washing of cars, other motor vehicles, trailers or boats.
  5. Mandatory ban on water uses from fire hydrants except for fighting fires, flushing mains to alleviate specific complaints and testing or sampling water.
  6. Commercial or industrial users shall reduce water usage by twenty-five percent (25%).
- C. The Mayor shall cause notice of the voluntary and mandatory curtailments or restrictions to be given to City water customers by notice published in a newspaper of general circulation in the City, posting the notice on a bulletin board at City Hall, posting the notice on any outdoor advertising signs on City parking lots, providing the local television and radio stations notice of the implementation of the voluntary or mandatory conservation plan.
- D. In the event a City water consumer violates a mandatory water curtailment or restriction ordered by the Mayor, the water user or its agent shall be served with a cease and desist notice. Service may be by personal service upon the City water user or his agent or in the event personal service cannot be obtained on the water user or its agent within City limits, notice shall be mailed to the water user at the water user's address as reflected on the City water billing record and the notice shall be posted upon the property.
- E. Any violation of the mandatory water curtailment or restriction activities, which continue to occur after receipt of the cease and desist notice, may result in service disconnection and/or shut off until the emergency or disaster is past. In addition, any person violating the mandatory water curtailment restrictions after receipt of the cease and desist order shall be guilty of a misdemeanor punishable in Municipal Court by a fine of not less than five dollars (\$5.00) or more than five hundred dollars (\$500.00) for each and every day said person is in violation of the mandatory water curtailment restrictions after receipt of the cease and desist notice. (Ord. No. 663 §1, 7-29-00)

**SECTION 700.155: BOIL WATER ORDER**

In the event of any emergency whereby any potential contamination of the system may occur, or as stipulated by regulations of the State Department of Natural Resources, the Mayor may issue a "boil water order" to safeguard the general welfare of the system users. (Ord. No. 663 §2, 7-29-00)

**SECTION 700.160: RESALE OF CITY WATER**

No user of Scott City water shall be authorized to resale the water to third parties for a price greater than that paid by the user. However, this restriction shall not apply to the sale of water or other beverages containing water by restaurants, convenient stores, bars or other businesses primarily engaged in the sale of food and beverages. (Ord. No. 705 §1, 5-20-02)

## **CHAPTER 705: UTILITIES TAX**

### **SECTION 705.010: TAX ON ELECTRICAL ENERGY**

- A. There is hereby established a new license tax levy of (4.543%) on the gross revenue derived from the sale of electrical energy to all residential, commercial and industrial customers within the City limits of the City of Scott City, Missouri.
- B. The gross receipts tax imposed upon electric corporations, including, but not limited to, Ameren Missouri, pursuant to Section 705.010 of the Code of City of Scott City shall be maintained at its existing rate of 4.543% despite the tariff increase awarded by the PSC to Ameren Missouri effective on July 31, 2011. (Ord. No. 161 §1, 5-20-85; Ord. No. 174 §1, 5-5-86; Ord. No. 931 §1, 9-19-11)

### **SECTION 705.020: TAX ON NATURAL GAS SERVICES**

There is hereby maintained a license tax levy of four percent (4%) on the gross revenue derived from the sale of natural gas to all residential, commercial and industrial customers within the City limits of the City of Scott City, Missouri.  
(Ord. No. 398 §1, 3-15-93)



## CHAPTER 710: CROSS CONNECTION CONTROL

### SECTION 710.010: DEFINITIONS

For the purposes of this Chapter the following terms shall be deemed to have the meaning indicated below:

*AIR GAP SEPARATIONS:* The unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the overflow level rim of the receptacle, and shall be at least double the diameter of the supply pipe measured vertically above the flood level rim of the vessel, but in no case less than one inch.

*AUXILIARY WATER SUPPLY:* Any water source or system, other than the public water supply, that may be available in the building or premises.

*BACKFLOW:* The flow other than the intended direction of flow, of any foreign liquids, gases, or substances into the distribution system of a public water supply.

*BACKFLOW PREVENTION ASSEMBLY:* Any double check valve or reduced pressure principle backflow prevented having resilient-seated shut-off valves on both the upstream and downstream end and the necessary test cocks as integral parts of the assembly.

*CONSUMER:* The owner or person in control of any premises supplied by or in any manner connected to a public water system.

*CONTAINMENT:* Protection of the public water supply by installing a backflow prevention assembly or air gap separation on the main service line to a facility.

*CONTAMINATION:* An impairment of the quality of the water by sewage, process fluids, or other wastes to a degree which could create an actual hazard to the public health through poisoning or through spread of disease by exposure.

*CROSS CONNECTION:* Any physical link between a potable water supply and any other substance, fluid, or source, which makes possible contamination of the potable water supply due to the reversal of flow of the water in the piping or distribution system.

*HAZARD, DEGREE OF:* An evaluation of the potential risk to public health and the adverse effect of the hazard upon the potable water system.

*HAZARD, HEALTH:* Any condition, device, or practice in the water supply system and its operation which could create or may create a danger to the health and well-being of the water consumer.

*HAZARD, PLUMBING:* A plumbing type cross connection in a consumer's potable water system that has not been properly protected by a vacuum breaker, air gap separation or backflow prevention assembly.

*HAZARD, POLLUTIONAL:* An actual or potential threat to the physical properties of the water system or to the potability of the public or the consumer's potable water

system but which would constitute a nuisance or be aesthetically objectionable or could cause damage to the system or its appurtenances, but would not be dangerous to health.

*HAZARD, SYSTEM:* An actual or potential threat of severe damage to the physical properties of the public potable water system or the consumer's potable water system, or of a pollution or contamination which would have a protracted effect on the quality of the potable water in the system.

*INDUSTRIAL PROCESS SYSTEM:* Any system containing a fluid or solution, which may be chemically, biologically, or otherwise contaminated or polluted in a form or concentration such as would constitute a health, system, polluttional, or plumbing hazard if introduced into a potable water supply.

*ISOLATION:* Protection of a facility's internal plumbing system by installing a backflow prevention assembly, air gap separation, or other backflow prevention device on an individual fixture, appurtenance, or system.

*POLLUTION:* The presence of any foreign substance (organic, inorganic, or biological) in water which tends to degrade its quality so as to constitute a hazard or impair the usefulness of the water to a degree which does not create an actual hazard to the public health but which does adversely and unreasonably affect such waters for domestic use.

*PUBLIC POTABLE WATER SYSTEM:* Any publicly or privately owned water system supplying water to the general public which is satisfactory for drinking, culinary, and domestic purposes and meets the requirements of the Missouri Department of Natural Resources.

*SERVICE CONNECTION:* The terminal end of a service line from the public water system. If a meter is installed at the end of the service, then the service connection means the downstream end of the meter. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.020:            TYPES OF FACILITIES REPRESENTING CROSS CONNECTION  
   HAZARD**

The following is a list of the types of facilities representing cross connection hazards:

1. Aircraft and missile manufacturing plants.
2. Automotive plants including those plants which manufacture motorcycles, automobiles, trucks, recreational vehicles, and construction and agricultural equipment.
3. Potable water dispensing stations which are served by a public water system.
4. Beverage bottling plants including dairies and breweries.
5. Canneries, packing houses and reduction plants.
6. Car washes.

7. Chemical, biological and radiological laboratories including those in high schools, trade schools, colleges, universities and research institutions.
8. Hospitals, clinics, medical buildings, autopsy facilities, morgues, mortuaries and other medical facilities.
9. Metal or plastic manufacturing, fabrication, cleaning, plating or processing facilities.
10. Plants manufacturing paper and paper products.
11. Plants manufacturing, refining, compounding or processing fertilizer, film, herbicides, natural or synthetic rubber, pesticides, petroleum or petroleum products, pharmaceutical, radiological materials or any chemical which would be a contaminant to the public water system.
12. Commercial facilities that use herbicides, pesticides, fertilizers or any chemical which would be a contaminant to the public water system.
13. Plants processing, blending or refining animal vegetable or mineral oils.
14. Commercial laundries and dye works.
15. Sewage, storm water and industrial waste treatment plants and pumping stations.
16. Waterfront facilities including piers, docks, marinas and shipyards.
17. Industrial facilities which recycle water.
18. Restricted or classified facilities or other facilities closed to the supplier of water or the department.
19. Fire sprinkler systems using any chemical additives.
20. Auxiliary water systems.
21. Irrigation systems with facilities for injection of pesticides, herbicides or other chemicals or with provisions for creating back pressure.
22. Portable tanks for transporting water taken from a public water system.
23. Facilities which have pumped or repressurized cooling or heating systems that are served by a public water system, including all boiler systems. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.030: CROSS CONNECTION CONTROL—GENERAL POLICY**

A. *Purpose.* The purpose of this Chapter is:

1. To protect the public potable water supply from contamination or pollution by containing within the consumer's internal distribution system or private water

system contaminants or pollutants which could backflow through the service connection into the public potable water supply system.

- 2. To promote the elimination, containment, isolation, or control of existing cross connections, actual or potential, between the public or consumer's potable water system and nonpotable water systems, plumbing fixtures, and industrial process systems.
- 3. To provide for the maintenance of a continuing program of cross connection control which will systematically and effectively prevent the contamination or pollution of all potable water systems.

B. *Application.* This Chapter shall apply to all premises served by the public potable water system of the City of Scott City, Missouri.

C. *Policy.* This Chapter will be reasonably interpreted by the Public Works Director and his/her authorized agent. It is the City's intent to recognize the varying degrees of hazard and to apply the principle that the degree of protection shall be commensurate with the degree of hazard.

The Public Works Director shall be primarily responsible for protection of the public potable water distribution system from contamination or pollution due to backflow or contaminants or pollutants through the water service connection. The cooperation of all consumers is required to implement and maintain the program to control cross connections. The City and consumer are jointly responsible for preventing contamination of the water system.

If, in the judgment of the Public Works Director or his/her authorized representative, cross connection protection is required through either piping modification or installation of an approved backflow prevention device, due notice shall be given to the consumer. The consumer shall immediately comply by providing the required protection at his/her own expense; and failure, refusal, or inability on the part of the consumer to provide such protection shall constitute grounds for discontinuing water service to the premises until such protection has been provided. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.040: CROSS CONNECTIONS PROHIBITED**

A. No water service connection shall be installed or maintained to any premises where actual or potential cross connections to the public potable or consumer's water system may exist unless such actual or potential cross connections are abated or controlled to the satisfaction of the Public Works Director, and as required by the laws and regulations of the Missouri Department of Natural Resources.

B. No connection shall be installed or maintained whereby an auxiliary water supply may enter a public potable or consumer's water system unless such auxiliary water supply and the method of connection and use of such supply shall have been approved by the Public Works Director and the Missouri Department of Natural Resources.



- C. No water service connection shall be installed or maintained to any premises in which the plumbing system, facilities, and fixtures have not been constructed and installed using acceptable plumbing practices considered by the Public Works Director as necessary for the protection of health and safety. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.050: SURVEY AND INVESTIGATIONS**

- A. The consumer's premises shall be open at all reasonable times to the Public Works Director, or his/her authorized representative, for the conduction of surveys and investigations of water use practices within the consumer's premises to determine whether there are actual or potential cross connections to the consumer's water system through which contaminants or pollutants could backflow into the public potable water system.
- B. On request by the Public Works Director or his/her authorized representative, the consumer shall furnish information on water use practices within his/her premises.
- C. It shall be the responsibility of the water consumer to conduct periodic surveys of water use practices on his/her premises to determine whether there are actual or potential cross connections to his/her water system through which contaminants or pollutants could backflow into his/her or the public potable water system. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.060: TYPE OF PROTECTION REQUIRED**

The type of protection required by this Chapter shall depend on the degree of hazard which exists, as follows:

1. An approved air gap separation shall be installed where the public potable water system may be contaminated with substances that could cause a severe health hazard.
2. An approved air gap separation or an approved reduced pressure principle backflow prevention assembly shall be installed where the public potable water system may be contaminated with a substance that could cause a system or health hazard.
3. An approved air gap separation or an approved reduced pressure principle backflow prevention assembly or an approved double check valve assembly shall be installed where the public potable water system may be polluted with substances that could cause a polluttional hazard not dangerous to health. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.070: WHERE PROTECTION IS REQUIRED**

- A. An approved backflow prevention assembly shall be installed on each service line to a consumer's water system serving premises where, in the judgment of the Public Works Director or the Missouri Department of Natural Resources, actual or potential hazards to the public potable water system exist. The type and degree of protection required shall be commensurate with the degree of hazard.

- B. An approved air gap separation or reduced pressure principle backflow prevention assembly shall be installed at the service connection or within any premises where, in the judgment of the Public Works Director or the Missouri Department of Natural Resources, the nature and extent of activities on the premises, or the materials used in connection with the activities, or materials stored on the premises, would present an immediate and dangerous hazard to health should a cross connection occur, even though such cross connection may not exist at the time the backflow prevention device is required to be installed. This includes but is not limited to the following situations:
1. Premises having an auxiliary water supply, unless the quality of the auxiliary supply is acceptable to the Public Works Director and the Missouri Department of Natural Resources.
  2. Premises having internal cross connections that are not correctable, or intricate plumbing arrangements which make it impractical to ascertain whether or not cross connections exist.
  3. Premises where entry is restricted so that inspection for cross connections cannot be made with sufficient frequency or at sufficiently short notice to assure the cross connections do not exist.
  4. Premises having a repeated history of cross connections being established or re-established.
  5. Premises, which due to the nature of the enterprise therein, are subject or recurring modification or expansion.
  6. Premises on which any substance is handled under pressure so as to permit entry into the public water supply, or where a cross connection could reasonably be expected to occur. This shall include the handling of process waters and cooling waters.
  7. Premises where material of a toxic or hazardous nature are handled such that if backsiphonage or backpressure should occur, a serious health hazard may result.
- C. The types of facilities listed in Section 710.020 fall into one (1) or more of the categories of premises where an approved air gap separation or reduced pressure principle backflow prevention assembly is required by the Public Works Director and the Missouri Department of Natural Resources to protect the public water supply and must be installed at these facilities unless all hazardous or potentially hazardous conditions have been eliminated or corrected by other methods to the satisfaction of the Public Works Director and the Missouri Department of Natural Resources. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.080: BACKFLOW PREVENTION ASSEMBLIES**

- A. Any backflow prevention assembly required to protect the facilities listed in Section 710.020 shall be of a model or construction approved by the Public Works Director and the Missouri Department of Natural Resources.

1. Air gap separation to be approved shall be at least twice the diameter of the supply pipe, measured vertically above the top rim of the vessel, but in no case less than one (1) inch.
  2. A double check valve assembly or a reduced pressure principle backflow prevention assembly shall be approved by the Public Works Director, and shall appear on the current "list of approved backflow prevention assemblies" established by the Missouri Department of Natural Resources.
- B. Existing backflow prevention assemblies approved by the Public Works Director at the time of installation and properly maintained shall, except for inspection and maintenance requirements, be excluded from the requirements of this Chapter so long as the Public Works Director is assured that they will satisfactorily protect the water system. Whenever the existing assembly is moved from its present location, or requires more than minimum maintenance, or when the Public Works Director finds that the maintenance constitutes a hazard to health, the unit shall be replaced by a backflow prevention assembly meeting the requirements of this Chapter. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.090: INSTALLATION**

- A. Backflow prevention assemblies required by this Chapter shall be installed at a location and in a manner approved by the Public Works Director and shall be installed at the expense of the water consumer.
- B. Backflow prevention assemblies installed on the service line to the consumer's water system shall be located on the consumers side of the water meter, as close to the meter as is reasonably practical, and prior to any other connection.
- C. Backflow prevention assemblies shall be located so as to be readily accessible for maintenance and testing, protected from freezing. No reduced pressure principle backflow prevention assembly shall be located where it will be submerged or subject to flooding by any fluid. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.100: INSPECTION AND MAINTENANCE**

- A. It shall be the duty of the consumer at any premises on which backflow prevention assemblies required by this Chapter are installed to have inspection, tests, and overhauls made in accordance with the following schedule or more often where inspections indicate a need.
  1. Air gap separations shall be inspected at the time of installation and at least every twelve (12) months thereafter.
  2. Double check valve assemblies shall be inspected and tested for tightness at the time of installation and at least every twelve (12) months thereafter.
  3. Reduced pressure principle backflow prevention assemblies shall be inspected and tested for tightness at the time of installation and at least every twelve (12) months thereafter.

- B. Inspections, tests, and overhauls of backflow prevention assemblies shall be made at the expense of the water consumer and shall be performed by a State of Missouri certified backflow prevention assembly tester.
- C. Whenever backflow prevention assemblies required by this Chapter are found to be defective, they shall be repaired or replaced at the expense of the consumer without delay.
- D. The water consumer must maintain a complete record of each backflow prevention assembly from purchase to retirement. This shall include a comprehensive listing that includes a record of all tests, inspections, and repairs. Records of inspections, tests, repairs, and overhauls shall be made available to the Public Works Director upon request.
- E. Backflow prevention assemblies shall not be bypassed, made inoperative, removed, or otherwise made ineffective. (Ord. No. 590 §1, 11-3-97)

**SECTION 710.110: VIOLATIONS**

- A. The Public Works Director shall deny or discontinue, after reasonable notice to the occupants thereof, the water service to any premises wherein any backflow prevention assembly required by this Chapter is not installed, tested, and maintained in a manner acceptable to the Public Works Director, or if it is found that the backflow prevention assembly has been removed or bypassed, or if any unprotected cross connection exists on the premises.
- B. Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with this Chapter to the satisfaction of the Public Works Director. (Ord. No. 590 §1, 11-3-97)

## CHAPTER 715: USER CHARGE SYSTEM

### SECTION 715.010: PURPOSE

- A. It is determined and declared to be necessary and conducive to the protection of the public health, safety, welfare and convenience of the City to collect charges from all users who contribute wastewater to the City's treatment works. The proceeds of such charges so derived will be used for the purpose of operating, maintaining and retiring the debt for such public wastewater treatment works.
- B. This Chapter shall have precedence over any terms or conditions of agreements or contracts between the City and users (including industrial users, special districts, or other municipalities) which are inconsistent with the requirements of the Clean Water Act.
- C. This Chapter shall replace the existing wastewater rates and related provisions in Chapter 700 of the Municipal Code. (Ord. No. 671 Art. I, 10-2-00)

### SECTION 715.020: DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms used in this Chapter shall be as follows:

*BOD (DENOTING BIOCHEMICAL OXYGEN DEMAND):* The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at twenty degrees Centigrade (20° C), expressed in milligrams per liter (mg/l).

*NORMAL DOMESTIC WASTEWATER:* Wastewater that has a BOD concentration of not more than two hundred ninety (290) mg/l and a suspended solids concentration of not more than two hundred ninety (290) mg/l.

*OPERATION AND MAINTENANCE:* All expenditures during the useful life of the treatment works for materials, labor, utilities, and other items which are necessary for managing and maintaining the sewage works to achieve the capacity and performance for which such works were designed and constructed.

*REPLACEMENT:* Expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the useful life of the treatment works to maintain the capacity and performance for which such works were designed and constructed. The term "operation and maintenance" includes replacement.

*RESIDENTIAL CONTRIBUTOR:* Any contributor to the City's treatment works whose lot, parcel of real estate, or building is used for domestic dwelling purposes only.

*SHALL:* Is mandatory; *MAY:* Is permissive.

*SS (DENOTING SUSPENDED SOLIDS):* Solids that either float on the surface of or are in suspension in water, sewage, or other liquids and which are removable by laboratory filtering.

*TREATMENT WORKS:* Any devices and systems for the storage, treatment, recycling, and reclamation of municipal sewage, domestic sewage, or liquid industrial wastes. These

include intercepting sewers, outfall sewers, sewage collection systems, individual systems, pumping, power, and other equipment and their appurtenances; extensions improvement, remodeling, additions and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities; and any works, including site acquisition of the land that will be an integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment; or any other method or system for preventing, abating, reducing, storing, treating, separating, or disposing of municipal waste or industrial waste, including waste in combined stormwater and sanitary sewer systems.

*USEFUL LIFE:* The estimated period during which a treatment works will be operated.

*USER CHARGE:* The total wastewater service charge which is levied for all costs of the treatment works.

*WATER METER:* A water volume measuring and recording device, furnished and/or installed by the City or furnished and/or installed by a user and approved by the City.  
(Ord. No. 671 Art. II, 10-2-00)

**SECTION 715.030: USER CHARGE ACCOUNTS**

- A. The purpose of this Chapter is to generate adequate annual revenues to pay costs of annual operation and maintenance including replacement and costs associated with debt retirement of sewer revenue bonds which the City may by ordinance designate to be paid by the user charge system. The accounts described in this Article may be modified and maintained in accordance with the Bond Ordinance as long as the intent of this user charge system ordinance is met.
- B. Four (4) separate accounts shall be established by the City. The accounts shall be referred to as (1) Sewer Revenue Fund, (2) Sinking Fund, (3) Bond Reserve Fund and (4) Replacement Fund. All accounts shall be kept in a bank insured by the Federal Deposit Insurance Corporation.
- C. All revenue collected as a result of this Chapter shall be deposited in the Sewer Revenue Fund. The current expenses of the sewer system shall be paid from month to month as a first (1st) charge against the Sewer Revenue Fund as the expenses become due. Current expenses shall include all reasonable and necessary costs of operating, repairing, maintaining, and insuring the sewer system, but shall exclude payments into the Sinking Fund, Bond Reserve Fund and Replacement Fund. If a shortage occurs in the Sewer Revenue Fund, the user charges shall be increased to provide the revenue needed. An estimate of the annual expenses associated with the sewer system is included in Appendix "A", which is on file in the City offices. These expenses are estimates and may change in the future.
- D. Principal and interest on the sewer revenue bond shall be paid from the Sinking Fund. So long as any bonds thereof are outstanding, an amount equal to one-twelfth (1/12) of the annual debt service, including principal and interest, shall be deposited in the Sinking Fund monthly.
- E. As long as any of the principal or interest of the sewer revenue bonds remain unpaid, an amount as stipulated by the Bond Ordinance shall be deposited each month into the Bond Reserve Fund until the maximum amount noted in the Bond Ordinance is accumulated. Such an amount shall be maintained in the Bond Reserve Fund until all principal and interest has been paid.

F. Each month the sum of five hundred twenty-five dollars (\$525.00) shall be paid and credited to the Replacement Fund. (Ord. No. 671 Art. III, 10-2-00)

**SECTION 715.040: USER CHARGE RATES**

A. Each user shall pay for the services provided by the City based on his use of the treatment works as determined by water meter(s) acceptable to the City.

B. For residential contributors, monthly user charges will be based on actual monthly water usage.

C. For industrial and commercial contributors, user charges shall be based on water used during the current month. If a commercial or industrial contributor has a consumptive use of water, or in some other manner uses water which is not returned to the wastewater collection system, the user charge for that contributor may be based on a wastewater meter(s) or separate water meter(s) installed and maintained at the contributor's expense and in a manner acceptable to the City.

D. Each contributor shall pay a basic monthly user charge rate of one dollar fifty-two cents (\$1.52) per one thousand (1,000) gallons of water (or wastewater) as determined in the preceding Section with a three thousand (3,000) gallon per month minimum. Refer to Appendix "A" (which is on file in the City offices) for details on rate and charge computations.

E. Commercial or industrial users shall be subject to an excessive strength charge in addition to the basic sewer service charge when the BOD or SS concentrations of a discharge exceeds two hundred ninety (290) milligrams per liter (mg/l) respectively. All analyses shall be performed on composite samples collected over a twenty-four (24) hour period.

The excessive strength charge shall be assessed as follows:

- \$0.06 for each pound of excess BOD
- \$0.06 for each pound of excess SS

F. Any user which discharges any toxic pollutants which cause an increase in the cost of managing the effluent or the sludge from the City's treatment works, or any user which discharges any substance which singly or by interaction with other substances causes identifiable increases in the cost of operation, maintenance, or replacement of the treatment works, shall pay for such increased costs. The charge to each such user shall be as determined by the responsible plant operating personnel and approved by the City.

G. The user charge rates established in this Section apply to all users, regardless of their location, of the City's treatment works. (Ord. No. 671 Art. IV, 10-2-00)

**SECTION 715.050: BILLING**

A. All users shall be billed monthly. Under normal circumstances all bills shall be mailed the last working day of the month and bear a due date of the tenth (10th) of the month following the month in which they were mailed.

- B. Twenty (20) days after the date the bills are mailed, a five percent (5%) late payment shall be assessed on the outstanding balance of the user charge. Any bill not paid on or before the date the late penalty is assessed shall have its water and/or sewer service discontinued until such bill is paid. (Ord. No. 671 Art. V, 10-2-00)

**SECTION 715.060: CITY TO REVIEW USER CHARGE SYSTEM**

- A. The City will review the user charge system on an annual basis and revise user charge rates as necessary to ensure that the system generates adequate revenues to pay all costs and that the system continues to provide for the proportional distribution of costs among users and user classes.
- B. The City will notify each user at least annually, in conjunction with a regular bill, of the rate being charged. (Ord. No. 671 Art. VI, 10-2-00)