

TITLE VII. UTILITIES

CHAPTER 700: WATER WORKS REGULATIONS

Cross Reference—As to combined water and sewer systems, see §705.200.

ARTICLE I. GENERAL

SECTION 700.010: PRESCRIBED WATER RATES

The following shall be the schedule of monthly charges for water service furnished by the water system owned and operated by the City of Park Hills, Missouri, to wit:

Meter Rates

0 gallons	...
Minimum charge based on meter size (see below)	
Any additional gallons.	\$2.60 per thousand gallons

Minimum Monthly Charges

All service will be subject to minimum monthly charges as follows:

<i>Size of Meter</i>	<i>Minimum Charge</i>
5/8" x 3/4"	\$ 7.50
1"	15.50
1 1/2"	27.50
2"	53.50
3"	107.50
4"	187.50
6"	551.50

(CC 1994 §30.100; Ord. No. 40-94 §2, 10-17-94; Ord. No. 195-98 §§1-2, 4-6-98; Ord. No. 322-00 §§1-2, 5-9-00; Ord. No. 746-07 §§1-2, 9-11-07)

SECTION 700.015: BULK WATER SALES

A. The following applies to persons desiring to purchase water in bulk quantities:

1. Advance payment must be made at the Park Hills Water Department office at 11 Bennett Street during regular business hours.
2. Bulk water will be dispensed from the fire hydrant at the Water Treatment Plant at 24 Rivermines Street between the hours of 7:30 A.M. and 4:00 P.M. on Monday through Friday.
3. Bulk water tanks must be equipped with backflow prevention devices or be capable of

being filled in a manner to prevent backflow.

B. Rates for the purchase of bulk water are as follow:

Up to 2,000 gallons
\$ 20.00	
Each additional 1,000 gallons or part thereof.....	\$ 10.00

The rates above apply each time a tank is filled, regardless of tank capacity.

C. No use of water from fire hydrants, other than for fire-fighting and fire training, will be permitted from any other location without the written consent of the Superintendent of the Water and Wastewater Department. (Ord. No. 692-06 §1, 7-11-06)

SECTION 700.020: WATERWORKS TO BE SUPERVISED BY SUPERINTENDENT

The Superintendent of the City Water Department shall have general charge, supervision and control of the Waterworks owned and operated by the City. (CC 1994 §30.105)

SECTION 700.030: METERS SHALL BE READ AND CONSUMERS BILLED MONTHLY

- A. The consumer shall pay the Water Department monthly for all water consumed as recorded by the register of the meter. Rates for such payment shall be in accordance with the schedule set out in Section 700.010 of this Chapter. All bills shall be due and payable from and after the date such bills are rendered, at the office of the City Water Department or any authorized collection agency, during the regular hours of business.
- B. Should the meter become defective during any billing period, the City Water Department shall be empowered to estimate the amount of water used by averaging past months billings or by some other fair and equitable method.
- C. Bills shall be due and payable at the time rendered and if any bill is not paid within thirty (30) days after the date such bill was rendered, the City Water Department shall have the right to discontinue service to the customer. If any service is disconnected for non-payment of a bill, it shall not be resumed until all past due bills are paid in full, together with a reconnection charge of fifty dollars (\$50.00), and such deposit as the City Water Department may require. Full payment shall be made at the office of the City Water Department or to the employee dispatched to the premises to discontinue the service. No partial payment shall be accepted. (CC 1994 §30.110; Ord. No. 217-98 §§1-2, 8-11-98)

ARTICLE II. APPLICATION FOR WATER SERVICE

SECTION 700.040: APPLICATION FOR WATER SERVICE

- A. Any person, firm or corporation desiring a supply of water from the water system owned and operated by the City of Park Hills, Missouri, shall make application therefor on forms

furnished by the City Water Department for that purpose.

B. Said application shall contain or be attached to:

1. An exact description of the property to be served.
 2. The general uses to which the water is to be subjected (residential, commercial, industrial).
 3. The number of full-time residents expected in the household or number of employees in industrial or commercial establishments.
 4. The probable maximum amount of water to be used per month.
 5. All other information necessary for estimating the water usage to be expected from the service.
- C. The application for water service will be directed to the Superintendent of the City Water Department and he/she or his/her office will carefully review the information and approve or disapprove the application. The City reserves the right to disapprove any application if the water service would, in the opinion of the Superintendent, create a health hazard, or if the treatment of waste water from the connection will not be treated and disposed of in a manner that will meet the requirements of the Environmental Protection Agency, Division of Health, and Missouri Clean Water Commission.
- D. If application is made for temporary service, such as for construction projects, etc., where regular service connections are not made as outlined in Section 700.060, the consumer shall pay, in addition to cost of water at regular rates, the cost of labor and material to connect services, set the meter and remove same at end of period.
- E. If the consumer desires a small amount of water where the rendering of such service requires the time of an employee of the City Water Department, the consumer will be charged a rate in keeping with the service rendered, but not less than four (4) times the scheduled meter rates.
- F. A new application must be made upon any change in occupancy of property, and the City Water Department shall reserve the right to discontinue the water supply until such new application has been made and approved.
- G. During regular office hours of the City Water Department office, no charge shall be made for turning on water to any premise for a new customer. If the customer desires to have the water turned on at some other time of the day or night or on Saturday or Sunday, then the charge for such turn-on shall be twenty-five dollars (\$25.00).
- H. The person, firm or corporation making the application will, in all cases be considered as the consumer under the contract, and will be held responsible for all water bills and the proper observance of the Rules and Regulations of the City Water Department.
- I. Water service will not be turned on unless some person is present on the premise to represent the owner or tenant to inspect the plumbing for open faucets or leaks.
- J. *Occupancy Permit.* All applicants for residential water service shall provide a valid occupancy permit issued by the appropriate municipality in which the service is requested. Water service will not be given to any residential applicant without an occupancy permit. (CC 1994 §30.200; Ord. No. 272-99 §1, 5-11-99)

SECTION 700.050: DEPOSITS

- A. A deposit shall be required of all new residential customers or those who are disconnected for violation of rules or non-payment in an amount not less than the estimated maximum billing to that customer for a three (3) month period. In no case shall the residential deposit required be less than fifty dollars (\$50.00). The City will not pay interest on deposits. Any deposits made by consumers prior to the adoption of this Chapter shall be retained by the City as new deposits.
- B. Each commercial or industrial consumer deposit shall be determined individually.
- C. A special account shall be maintained in the books of the City Water Department to receive the deposits, and expenditures from the fund shall be limited to refunding of deposits to customers upon termination of their service contracts and upon full payment of their final bill or transfers of funds to the General Water Fund in the event of forfeiture of the deposit due to non-payment of the water bill. (CC 1994 §30.205; Ord. No. 425-02 §1, 9-17-02)

SECTION 700.060: SERVICE CONNECTIONS**A. *Application Procedure.***

1. Any person, firm or corporation desiring to obtain a water service connection from the municipal distribution system as provided for in this Section shall make application therefor on forms furnished by the City Water Department and said application must be approved by the Director of Utilities of the City Water Department or his/her office. The service connection shall include the tap, installing the corporation stop at the water main, the tubing or pipe to the meter, the meter box and shutoffs and appurtenances thereto. The meter box shall be installed by the City Water Department at such location as shall be suitable to the City and the expense of installation shall be paid by the applicant. Installation charges for meter (five-eighths ($\frac{5}{8}$) inch by three-fourths ($\frac{3}{4}$) inch) and service line to applicant's property line shall be five hundred dollars (\$500.00) to be paid before connection is made. No service connection shall be smaller than three-quarter ($\frac{3}{4}$) inch.
2. If a water main is located in the street or alley adjacent to the property to be served, the meter box shall be located at the curb or inside the property line as determined by the City.
3. If a water main is not located in an adjacent street or alley, water service shall not be provided unless and until the applicant obtains a permanent private utility easement (or easements) to traverse intervening private property (or properties) between the public easement or right-of-way containing the water main and the property to be served. Such private easement shall be a minimum of five (5) feet in width and shall specifically allow installation and maintenance of a water meter at or near the curb or property line adjacent to the water main. The permanent private utility easement must be filed for record with the St. Francois County Recorder of Deeds and a certified copy of the filed private easement must be submitted with the application for service. The following shall also apply:
 - a. In no event shall private easements be granted in the public right-of-way.
 - b. If private easements are required, the meter shall be located at the curb or inside the property line of the easement nearest the water main and must be accessible from the public right-of-way or public utility easement.

B. *Installations—City's Responsibilities.*

1. All other services requiring meters one (1) inch or larger will be installed by the City Water Department and all costs thereof will be recorded and the customer shall pay the full cost of the

installation. The customer shall pay an estimated cost of large meter connections before any work is performed.

2. After installation, the service and meter shall become the property of the City and shall be maintained by the City Water Department, provided however, that the meter and service shall remain with the property and no tenant or subsequent owner shall be charged or billed for the replacement or repair of the meter or service.
- C. Each premise shall have a separate and distinct service connection. In this case "*premise*" shall be construed as one (1) dwelling unit, building, or commercial or factory unit and appurtenant buildings. Multiple dwelling units located in one (1) building may be served from one (1) meter where the installation of separate meters is impractical. In this case, the City will contract only with the owner or his/her agent. One (1) and only one (1) water meter will be furnished by the City Water Department for each service connection from the City water main.
- D. Any consumer or property owner desiring to alter or change a service line or lines from the City water mains into his/her premises, must first make a written application on the form furnished by the City Water Department, stating fully the purpose for which the alteration or change is desired. Any such alterations shall be made by the City Water Department at the expense of the consumer or property owner.
- E. Each customer shall have installed a stop and waste valve for turning off water on the premises. The stop cock in the meter well shall not be operated by any person other than authorized personnel of the City Water Department. No connection or disconnection to the service, either temporary or permanent, may be made without specific authority of the Superintendent of the Water Department.
- F. Should it become necessary for the City Water Department to locate (search for and find), change the elevation or make any other change in order that these appurtenances be accessible at all times, or repair any damages thereto, by lack of ordinary care on the part of the consumer, the expenses incurred shall be the responsibility of the property owner and shall be paid on actual cost plus ten percent (10%) basis by him/her or them. (CC 1994 §30.210; Ord. No. 387-01 §1, 10-9-01; Ord. No. 424-02 §1, 8-13-02; Ord. No. 686-06 §§1-2, 6-13-06)

SECTION 700.065:**EXTENSION OF WATER AND SEWER LINES**

It is the desire of the City Council of Park Hills, Missouri, to set policy, terms and conditions for the extension of water and sewer lines and for the provision of water and sewer services outside the corporate limits of the City of Park Hills in accordance with the City's interest in promoting orderly development within its immediate planning area, in avoiding fragmented corporate limits and in furthering the primary purpose of providing municipal services to the City's own taxpaying citizens.

1. It is the policy of the City of Park Hills not to provide water and sewer service outside the corporate limits of the City of Park Hills except as set forth in Subsections (2) and (3) of this Section.
2. The City of Park Hills will still honor the regional sewer contract which it has with the Cities of Desloge and Leadington and will continue to provide sewer service consistent

with the 201 sewer facilities program for the Mineral Belt Sewer System.

3. The City of Park Hills may provide water and sewer services outside the corporate limits of the City of Park Hills under the following conditions:
 - a. All extensions of municipal water and sewer services outside the corporate limits of the City of Park Hills will be undertaken only where the persons or entities requesting such extension:
 - (1) In the case of land contiguous to the corporate limits of the City of Park Hills, requests annexation by verified petition of all landowners of record; or
 - (2) In the case of land not contiguous to the corporate limits of the City of Park Hills, all landowners of record sign a verified "Petition for Voluntary Annexation" with pertinent text substantially as follows:
 - (a) The undersigned, in consideration of the City of Park Hills, Missouri, granting to the undersigned the right to tap into the public water and sanitary sewer service from the City of Park Hills upon compliance with the City of Park Hills development rules, regulations, guidelines and procedures and upon payment of the customary fees, hereby petition(s) and request(s) the City Council of the City of Park Hills, Missouri, to annex into the corporate limits of the City of Park Hills, Missouri, the following described tract of land presently outside of the corporate limits when the said land becomes contiguous to the corporate limits of said City of Park Hills, Missouri;
 - (b) The undersigned agree to be bound to all development rules, regulations, guidelines and procedures then in effect within the corporate limits of the City of Park Hills including, but not limited to, setback requirements, lot sizes, land use and building and construction codes, street widths, utility installation and site development plans as well as inspection requirements and occupancy permits;
 - (c) The undersigned agree to install, at their expense, such water and sewer line extensions as are necessary to serve the property requesting service from the nearest point of the then existing main line sewer or water service, except that the City reserves the right to require that service lines be appropriately sized to accommodate future growth and orderly development. Any participation by the City towards payment of the costs of said lines shall be limited to the difference in cost between the oversized facilities and the facilities necessary to provide the extension to the petitioner(s) land(s), except that the City may participate in additional payment of costs (including providing labor) if the City Council determines, by appropriate action, that it is in the best interests of the City to do so in order to promote further development, with the level of participation negotiated between the parties and commemorated by a formal written agreement. All lines so installed shall meet all standards in effect at the time. Ownership of said lines including easements for said lines shall be transferred to the City of Park Hills after inspection to insure proper installation of said lines; and
 - (d) This petition shall be a continuing obligation running with the land and shall bind the subsequent owners, their heirs, executors, administrators,

assigns or legal representatives. It is understood that this instrument shall be recorded in the Recorder of Deeds office of St. Francois County and shall be of record,

and the City Council of the City of Park Hills shall have made a determination that the extension of said water and/or sewer service is in the best interest of the City of Park Hills.

- b. In the event of a conflict between areas outside the corporate limits of the City of Park Hills requesting service and the City's ability to provide services, the following priorities shall be followed: Service shall first be provided to those areas requesting annexation by petition of all property owners of record within the area. Service will next be provided to those areas not contiguous to the corporate limits upon compliance with the contractual requirements set forth in Section 700.065(3)(a)(2) of this Section. (Ord. No. 117-96 §§1–2, 11-12-96; Ord. No. 887-10 §1, 2-9-10)

ARTICLE III. EQUIPMENT REGULATIONS

SECTION 700.070: METERS

- A. All water service except sprinkler systems and fire hydrants when used for fire service will be metered. The size and type of meter to be installed will be decided by the Superintendent of the City Water Department.

thereof for the public water supply and system. All associated costs shall be the responsibility of the water customer or the owner of the premises.

- D. All cross-connections, whether or not such cross-connections are controlled by automatic devices, such as check valves or by hand-operated mechanisms such as gate valves or stop cocks, are hereby prohibited.
- E. Failure on the part of persons, firms, or corporations to discontinue the use of any and all cross-connections and to physically separate such cross-connections will be sufficient cause for the discontinuance of the public water service to the premises on which the cross-connection exists.
- F. The City Water Department and the Community Development Department shall each have the right to inspect the premises of all water customers periodically and to test any backflow prevention assemblies and devices located thereon. Site inspections, installation, testing and repairs shall be in accordance with the City's Water Backflow Prevention by Containment Policy and Procedures and must be approved by the City Water Department. Inoperative or faulty assemblies and devices shall be promptly repaired or replaced by the customer or owner or water service shall be terminated. All associated costs shall be incurred by the water customer or the owner of the premises.
- G. Backflow prevention devices shall be installed at the service connection or within any premises where, in the judgment of the City Water and Community Development Departments, 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 does not exist at the time the backflow prevention device is required to be installed. This shall include but not be limited to the following situations:
1. Premises having an auxiliary water supply, unless the quality of the auxiliary supply is in compliance with City and State standards, and is acceptable to the City Water and Community Development Departments.
 2. Premises having internal cross-connections that are not correctable, or intricate plumbing arrangements which make it impracticable to ascertain whether or not cross-connections exist.
 3. Premises where entry is restricted so that inspections for cross-connections cannot be made with sufficient frequency or at sufficiently short notice to assure that cross-connections do not exist.
 4. Premises having a repeated history of cross-connections being established or re-established.
 5. 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.
 6. Premises where materials of a toxic or hazardous nature are handled such that if back siphonage should occur, a serious health hazard may result.
 7. The following types of facilities will fall into one (1) of the above categories where a backflow prevention device is required to protect the public water supply. A backflow prevention device shall be installed at these facilities unless the City Water and Community Development Departments determine no hazard exists:

Pressure type car or truck wash
Hospitals, mortuaries, clinics
Laboratories
Sewage treatment plant

Food or beverage processing plants
Chemical plant using a water process
Metal plating industries
Petroleum processing or storage plants
Radioactive material processing plants or nuclear reactors
Laundry and dyeing facilities
Auxiliary water systems
Cooling systems
Farming operations
Sprinkler systems filled with anti-freeze solution
Film processing equipment
Irrigation systems
Storage tanks, cooling towers, and circulation systems
Steam generating systems

- H. Failure of the customer to cooperate in the installation, maintenance, testing or inspection of backflow prevention devices required in this Section shall be grounds for the termination of water service to the premises.
- I. Thorough annual inspection and operational tests of each backflow prevention device is the responsibility of the owner of the device. Copies of the results of these inspections and tests must be kept on file for a period of five (5) years, and made available to the City Water Department and to the Department of Natural Resources upon request. Devices must be repaired or replaced as needed. All tests shall be performed by certified personnel. (CC 1994 §30.305; Ord. No. 333-00 §1, 9-12-00)

SECTION 700.090: RESALE OF WATER

Consumers shall not be permitted to sell water to other persons without express written permission of the Superintendent of the City Water Department. (CC 1994 §30.310)

SECTION 700.100: ACCESS TO PROPERTY

Authorized City Water Department personnel shall, at all reasonable hours, be granted access to meters, service connections, plumbing systems, and any other appurtenances to the water mains of the City on the customers premises for purposes of installation, maintenance, inspection, or other reason having to do with the operation of the City Water Department properties. (CC 1994 §30.315)

SECTION 700.110: DISCONTINUANCE OF WATER SERVICE BY THE CITY

- A. The City Water Department may discontinue water service to any consumer, for violation of any of the Rules and Regulations contained herein.
- B. Water Service may be discontinued by turning off the meter stop cock, removing the meter, or by severing the connection at the water main. If the service line is severed, or the meter is removed, the consumer shall pay the cost of such disconnection, the reconnection and meter replacement, as well as remedying the violation before service is restored.
- C. The City Water Department may discontinue water service without notice if an employee discovers an occupant of the premises using water without a contract for service, or by-passing the meter or otherwise fraudulently obtaining water.
- D. Waste of water by consumers will be sufficient cause for the City to stop the supply of water.
(CC 1994 §30.320)

SECTION 700.120: CONTINUITY OF WATER SERVICE

It shall be the intent of the City Water Department to furnish an uninterrupted supply of potable water to its consumers. There will, however, be interruption in service due to emergencies, construction and repair operations. It shall be the policy of the City Water Department to notify all affected consumers in ample time to make preparations for the "shut-off" period. There may be times during emergencies when it is necessary to shut off

sections of the distribution system without warning. Therefore, the City Water Department shall reserve the right to turn off water in the mains at any time without notice or liability to the consumers. (CC 1994 §30.325)

SECTION 700.130: USE RESTRICTIONS

The City reserves the right to restrict the supply of water to all consumers during periods of water shortage, prolonged droughts, emergencies, "peak's" and disasters of any kind, in order to best serve the public good. (CC 1994 §30.330)

SECTION 700.140: APPLICATION FOR MAIN EXTENSION

- A. Any person, firm, or corporation desiring an extension of water mains from the water system owned and operated by the City of Park Hills, Missouri, shall make application therefore on forms furnished by the City Water Department for that purpose.

The said application shall contain:

1. An exact description of the property to be served.
 2. A legal description and print of land survey of territory which is not now developed and which is now being developed.
 3. Site plans of any commercial or industrial projects.
 4. The probable maximum amount of water to be used per month.
 5. Certified proof that all wastewater and sewerage from area of said main extension, will be treated and disposed of in a manner that will meet all requirements and receive approval of the Environmental Protection Agency, Missouri Division of Health, and Missouri Clean Water Commission.
 6. All other information necessary for estimating the water usage to be expected from the extension.
- B. The Superintendent of the City Water Department or his/her office shall determine the necessary size of main and shall make an estimate of the cost of the extension including cost of materials such as pipe, valves, fittings, fire hydrants, pumping and storage equipment and facilities, if required, cost incident to construction such as labor, expense for permits, supervision, engineering, insurance, tools and equipment, accounting and other overhead expense, cost of reconstruction, relocation, alteration and removal of existing main, facilities and equipment if required to accommodate the extension, and all cost incident to the installation of said extension, and all other costs incident to the installation of said extension, the City Water Department shall also calculate the estimated annual revenue from said main extension.
- C. Upon approval of the City Council, the applicant may enter into a development contract with the City of Park Hills for installation of the extension. The applicant shall either pay to the City Water Department an amount equal to the said estimated costs of the extension, or, shall provide other contractual arrangement to guarantee the recoupment of funds, over a specified period of time, equal to the amount of the extension cost to the City Water Department. Should the actual cost of extending the water main be less than the cost as estimated, the applicant shall be refunded the amount of his/her payment above the actual cost. Should the actual cost of extending the water main be more than the cost as estimated, the applicant shall pay such additional sum to the City Water Department prior to the beginning of water service.

1. Applicant may hire an approved contractor to install water main extensions under City Water Department supervision and compliance with City Water Department construction specifications and with an approval set of construction plans.
- D. After installation said water main extension shall become the property of the City and shall be maintained by the City Water Department.
- E. Extensions shall be of ductile iron or Class 200 PVC plastic pipe, six (6) inches in diameter or of such larger size as in the judgment of the Superintendent of the Water Department is required to provide adequate service with reasonable allowance for future growth in the immediate vicinity; provided however, that the City may, at its option, install pipe smaller than six (6) inches in diameter for a distance of not more than five hundred (500) feet, which is to serve a cul-de-sac or will become a permanent dead end in the distribution system.
- F. The City shall have the right to make extensions with pipe of a size larger than required to provide adequate service with reasonable allowance for future growth, provided however, that the additional cost to the extension occasioned by the use of the larger size pipe will be paid by the City.
- G. The City reserves the right to make further extensions to and to lay lateral mains from extensions made above and the attaching of customers to such further extensions or laterals shall not entitle applicant paying for the original extension to any refund for the attaching of such customers.
- H. If extensions are required on private roads, streets or through private property, proper deeds of easement must be furnished by applicants without cost to the City before extension will be installed.
- I. The grade lines of all streets or roadways must be established and constructed to within six (6) inches \pm before extension will be installed.
- J. No other pipe or conduit including but not limited to gas, electric, cable tv or telephone shall be placed in the City Water Department water main extension ditch without written approval of the Superintendent or his/her designee. (CC 1994 §30.335; Ord. No. 250-99 §1, 2-9-99)

ARTICLE IV. FIRE HYDRANTS

SECTION 700.150: FIRE HYDRANTS

- A. The City will install fire hydrants on public streets and highways, in Cities, towns and villages, outside of Park Hills City limits, where there are existing mains of adequate capacity (that is, where a standard fire hydrant installed on said mains would be capable of delivering three hundred (300) gallons per minute) without installation charges, where an installation of a fire hydrant is necessary to conform, in general, to the recommendations of the Insurance Service office of Missouri (formerly known as Missouri Inspection Bureau) which are appropriate for that insurance rating for which the City, Town or Village is at that time eligible, based upon all factors other than fire hydrants within said City, Town or Village.
- B. The City shall not be required to install, without charge, any fire hydrant where a standard fire hydrant installed on existing mains would not be capable of delivering three hundred

(300) gallons per minute.

- C. In the event a request is made for the installation of fire hydrants in an area not already serviced by mains of adequate capacity (three hundred (300) gallons per minute) such installation will be made

provided the applicant will furnish an amount of money based on the City Water Department's estimated cost of extending a six (6) inch or larger main, as City Water Department determines advisable, to said location. After installation is completed, any difference between the actual cost and estimated cost shall be paid to the City Water Department or refunded to the applicant, as the case may be. No refund other than above mentioned will be made for any reason. Such extensions shall be the property of the City of Park Hills. Main extensions are to be made by the City Water Department or by private qualified contractors according to Water Department specification and under Water Department supervision.

- D. It is recognized that there are many causes of a malfunction of a fire hydrant and that the City Water Department cannot, by an inspection program or otherwise, keep all fire hydrants in working condition at all times.
- E. When fire hydrants are used for fire fighting or for fire drills, said hydrants shall be left in proper condition so as to prevent freezing or other damage to the hydrant.
- F. Fire hydrants shall be used for fire fighting or for fire drills and shall not be used for any other purpose without written consent of the City Water Department.
- G. The City shall not be required to install new fire hydrants or relocate fire hydrants on private property and shall not be obligated to repair fire hydrants on private property.
 - 1. A charge of three dollars (\$3.00) per month will be made for all fire hydrants on private property and not owned by the City of Park Hills. Contracts will be on an annual basis with monthly billing and payments.
 - 2. Private fire protection hydrants and systems are to be used solely for the extinguishment of fires or for fire drills.
 - 3. No connection for water service for uses other than fire protection shall be made to any private fire protection system.
 - 4. The addition of any hydrants shall be reported immediately to the City Water Department.
 - 5. The City will not be responsible for or required to repair or maintain private fire hydrants and fire systems.
 - 6. For violation of these provisions the City may discontinue service. (CC 1994 §30.400)

ARTICLE V. RIGHTS RESERVED AND PENALTIES

SECTION 700.160: RIGHTS RESERVED TO THE CITY

The City reserves the right, by ordinance or resolution, to cancel, amend or add to these rules and regulations at any time as experience may show necessary. (CC 1994 §30.500)

SECTION 700.170: PENALTIES

The penalty for violation of any Section of this Chapter shall be a fine of not more than five hundred dollars (\$500.00) or three (3) months in jail, or both. (CC 1994 §30.505)

CHAPTER 705: WASTEWATER REGULATIONS

ARTICLE I. GENERAL PROVISIONS

SECTION 705.010: DEFINITIONS

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

ACT: The Federal Water Pollution Control Act, as amended, 33 U.S.C. et seq.

ADMINISTRATOR: The Administrator of the U.S. Environmental Protection Agency.

BASIC USER CHARGE: The basic assessment levied on all users of the public sewer system.

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 Celsius (20°C), expressed in milligrams per liter.

BUILDING DRAIN: That part of the lowest 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 or other approved point of discharge, 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.

CITY: The City of Park Hills, St. Francois County, Missouri and any reference to "*within the City*" shall mean all areas within the boundaries of the City of Park Hills.

COMBINED SEWER: A sewer receiving both surface runoff and sewage.

COMPATIBLE POLLUTANT: Biochemical oxygen demand, temperature, suspended solids, pH and fecal coliform bacteria, plus additional pollutants identified in the NPDES permit.

CONTROL MANHOLE: A structure located on a site from which industrial wastes are discharged. Where feasible, the manhole shall have an interior drop. The purpose of a "*control manhole*" is to provide access for a City Representative to sample and/or measure discharges.

DELETERIOUS MATTER: Any substances, material and/or matter which is not a common characteristic of normal domestic water carried waste referred to as wastewater and/or sewage, that will damage, harm, and/or make inoperable any portion of the wastewater system, which includes the pump unit(s), piping, valves, treatment facilities, irrigation facilities, and/or appurtenances.

Such substance(s), material(s) and/or matter includes the following items: wood, metal, plastic or glass items, grit, sand, gravel, stone or rock, trash, garbage, grease, oil, fat, cloth and/or disposable diapers, feminine hygiene articles, articles of clothing, rubber goods,

plastic bags, nylon rope, eating utensils, toxic wastes, etc.

DIRECTOR: The Chief Administrative Officer of the Missouri Department of Natural Resources.

DOMESTIC SEWAGE: Wastewater derived principally from residences, business buildings, institutions and the like.

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

FEDERAL GRANT: The U.S. Government participation in the financing of the construction of treatment works as provided for by Title II Construction Grants for Waste Water Treatment Works of the Act.

FLOATABLE OIL: Oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in an 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: Solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage and sale of produce.

GREASE: Any oil, tallow, animal fat and/or any compound used for cooking, and dispensing of food, and from the handling, storage and sale of produce.

HEARING BOARD: That Board appointed according to provisions of this Chapter.

INCOMPATIBLE POLLUTANT: Any pollutant which is not a "*compatible pollutant*" as defined in this Section.

INDUSTRIAL USER: Any non-governmental user of public owned treatment works identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented under the following Divisions:

1. *Division A.* Agriculture, Forestry and Fishing
2. *Division B.* Mining
3. *Division C.* Manufacturing
4. *Division D.* Transportation, Communications, Electric, Gas and Sanitary Services
5. *Division I.* Services

A user in the Divisions listed may be excluded if it is determined by the Superintendent that it will introduce primarily segregated domestic wastes or wastes from sanitary conveniences.

The word "*non-governmental*" shall be struck from the aforementioned definition when the definition is used in context with the User Charge System.

INDUSTRIAL WASTE: Any solid, liquid or gaseous substance discharged, permitted to flow or escaping from any industrial manufacturing, commercial or business establishment or process or from the development, recovery or processing of any natural resource as distinct from their employees waste or waste from their sanitary conveniences.

MAJOR CONTRIBUTING INDUSTRY: An industrial user of the publicly owned treatment works that:

1. Has a flow greater than five percent (5%) of the flow carried by the Municipal System receiving the waste;
2. Has in its waste, a toxic pollutant in toxic amounts as defined in standards issued under Section 307 (a) of the Act; or
3. Is found by the permit issuance authority, in connection with the issuance of an NPDES Permit to the publicly owned treatment works receiving the waste, to have the significant impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works.

MAYOR: The person duly elected to the office of the Mayor by a vote of the people; however, should the office of the Mayor become vacant, then the person who assumes the duties of the "Office of the Mayor".

MILLIGRAMS PER LITER (mg/l): A unit of concentration of water or wastewater constituent. It is one-thousandth (0.001) gram of the constituent in one thousand (1,000) milliliters of water. It has replaced the unit formerly used, commonly parts per million, to which it is approximately equivalent, in reporting the results of water and wastewater analysis.

MINERAL BELT AREA: The Cities of Desloge, Park Hills, Leadington, St. Joe State Park and the surrounding area. Park Hills has been selected as the "Lead" City.

NATURAL OUTLET: Any outlet into a watercourse pond, ditch, lake, or other body of surface or groundwater.

NPDES PERMIT: Any permit or equivalent document or requirements issued by the Administrator, or where appropriate by the Director, after enactment of the Federal Water Pollution Control Amendment of 1972, to regulate the discharge or pollutants pursuant to Section 402 of the Act.

NORMAL DOMESTIC WASTE: Wastewater that has a BOD concentration of not more than three hundred fifty (350) mg/l and a suspended solids concentration of not more than four hundred thirteen (413) mg/l based on sixty (60) gallons per day per person and other pollutants.

OPERATION AND MAINTENANCE: The normal direct and indirect cost of carrying on the business other than debt service, including replacement costs.

OWNER: Any individual(s), firm, company, or corporation owning a parcel(s) of real estate.

PERSON: Any and all persons, natural, or artificial, including any individual, firm, company, Municipal or private corporation, association, society, institution, enterprise, governmental agency or other entity.

pH: The logarithm (base 10) of the reciprocal of the hydrogen-ion concentration expressed in grams per liter of solution. It shall be determined by one of the procedures outlined in "Standard Methods".

ppm: Parts per million by weight.

POPULATION EQUIVALENT: A term used to evaluate the impact of industrial or other waste on a treatment works or stream. One (1) population equivalent is one hundred (100) gallons of sewage per day, containing seventeen-one hundredths (0.17) pounds of BOD and twenty-tenths (0.20) pounds of suspended solids. The impact on a treatment works is evaluated as the equivalent of the highest of the three (3) parameters. Impact on a stream is the higher of the BOD and suspended solids parameters.

PRETREATMENT: The treatment of wastewaters from sources before introduction into the wastewater treatment works.

PROPERLY SHREDDED GARBAGE: The wastes from the preparation, cooking, and dispensing of food that has 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 sewer provided by or subject to the jurisdiction of the City. It shall also include sewers within or without the boundaries of the City that serve one (1) or more persons and ultimately discharge into the City's sanitary sewer system, even though those sewers may not have been constructed with the City's funds.

REPLACEMENT: Expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the service life of the sewage 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 Mineral Belt Area's treatment works whose lot, parcel of real estate, or building is used for domestic dwelling purposes only.

RESIDENTIAL OR COMMERCIAL USER: Non-industrial use, any user of the treatment works not classified as an industrial user or excluded as an industrial user in this Chapter.

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.

SANITARY SEWER: A sewer that conveys domestic sewage or industrial wastes or a combination of both, and into which storm, surface, and groundwaters or unpolluted industrial wastes are not intentionally admitted.

SANITARY WASTE: The water supply of a community after it has been fouled by various users. From the standpoint of source, it may be a combination of the liquid or water-carried wastes from residences, business buildings, institutions and industrial establishments, together with any ground water, surface water and storm water that may be present.

SEWER: A pipe or conduit for conveying sewage or any other waste liquids; including storm, surface and groundwater drainage; either by gravity or pressure.

SEWERAGE: The system of sewers and appurtenances for the collection, transportation and pumping of sewage.

SEWERAGE WORKS: Any City owned or leased sewerage or treatment works.

SHALL: Is mandatory; *May*: Is permissible.

SLUG: Any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.

STANDARD METHODS: The examination and analytical procedures set forth in the most recent edition of "Standard Methods for the Examination of Water, Sewage, and Industrial Wastes", published jointly by the American Public Health Association, the American Water Works Association and the Federation of Sewage and Industrial Wastes Associations.

STORM SEWER: A sewer that carries storm, surface and groundwater drainage but excludes sewage and industrial wastes other than unpolluted cooling water.

STORMWATER RUNOFF: That portion of the rainfall that is drained into the sewers.

SUPERINTENDENT: The Superintendent of Wastewater Works, City of Park Hills or his/her authorized deputy, agent or representative.

SURCHARGE: The assessment in addition to the basic user charge, which is levied on those persons whose wastes are greater in strength than the concentration values, established in Section A of the Wastewater User Charge System, City of Park Hills.

SUSPENDED SOLIDS: Solids that either float on the surface of, or are in suspension in water, sewage, or industrial waste, and which are removable by a laboratory filtration system.

Quantitative determination of suspended solids shall be made in accordance with procedures set forth in "*Standard Methods*".

TOXIC WASTES: Any pollutant introduced to the Treatment Works which may interfere with, pass through, or otherwise be incompatible with such works.

TREATMENT WORKS: Wastewater treatment works.

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.

USEFUL LIFE: The estimated period during which the treatment works shall be operated and shall be twenty (20) years from the date of start-up of any wastewater facilities constructed with a Federal grant.

USER: Any household, business, commercial establishment, or industry which is connected to the sewer system.

USER CHARGE: A charge levied on users of treatment works for the cost of operation and maintenance including replacement of such works and shall consist of both basic user charges (see definition above) and surcharges.

USER CLASS: The type of use either residential or commercial or industrial as defined by this Section.

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

WASTEWATER OR SEWAGE: The spent water of a community. From this standpoint of course, 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 stormwater that may be present.

WASTEWATER SERVICE CHARGE: The charge per month levied on all users of the Wastewater Facilities. The service charge shall be computed as outlined in the Wastewater User Charge System, City of Park Hills and shall consist of the total or the Basic User Charge, and a Surcharge, if applicable.

WASTEWATER TREATMENT WORKS: An arrangement of devices and structures for treating and irrigating wastewater, industrial wastes and sludge. Sometimes used as synonymous with "Waste Treatment Plant" or "Wastewater Treatment Plant" or "Pollution Control Plant".

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.

WATERCOURSE: A channel in which a flow of water occurs, either continuously or intermittently. (CC 1994 §32.100)

SECTION 705.020: 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 Park Hills, or in any area under the jurisdiction of said City, any human or animal excrement, garbage, or other objectionable waste.
- B. It shall be unlawful to discharge to any outlet within the City of Park Hills, or any area under the jurisdiction of said City, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this Chapter.
- C. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.
- D. The owner of all houses, buildings, or properties used for human occupancy, employment, or other purposes, situated within the City and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sanitary sewer of the City, is hereby required at his/her 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 three (3) months after the date of official notice to do so, provided that said public sewer is within one hundred (100) feet of the property line. (CC 1994 §32.105)

SECTION 705.030: PRIVATE SEWAGE DISPOSAL

- A. Where sanitary sewers are not available under the provisions of Section 705.020(D), the

building sewer shall be connected to a private sewage disposal system complying with the provisions of this Section.

- B. Before starting the construction of a private sewage disposal system, the owner shall first obtain a written permit signed by the Director of Utilities. The application shall be made on a form furnished by the City, which the applicant supplements with any plans, specifications, and other information as deemed necessary by the Director of Utilities. A permit fee of fifty dollars (\$50.00) shall be paid to the City at the time the application is filed.
- C. A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the Superintendent. He/she shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the Superintendent when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within twenty-four (24) hours of the receipt of notice by the Superintendent.
- D. The type, capacities, location, and layout of a private sewage disposal system shall comply with all recommendations of the Division of Health of Missouri. No permit shall be issued for any private sewage system employing subsurface soil absorption facilities where the area of the lot is less than fifteen thousand (15,000) square feet. No septic tank or cesspool shall be permitted to discharge to any natural outlet.
- E. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, and at no expense to the City.
- F. No statement contained in this Section shall be construed to interfere with any additional requirements that may be imposed by the Health Office.
- G. When a public sewer becomes available, the building sewer shall be connected to said sewer within three (3) months and the private sewage disposal system shall be cleaned of sludge and filled with clean bank-run gravel or dirt. (CC 1994 §32.110; Ord. No. 386-01 §1, 10-9-01)

SECTION 705.040: BUILDING SEWERS AND CONNECTIONS

- A. No unauthorized person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent.
- 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 waste.

In either case, the owner or his/her agent shall make application on a special form furnished by the City. The permit application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the Director of Utilities. A permit of fifty dollars (\$50.00) and an inspection fee of fifty dollars (\$50.00) shall be payable following installation and inspection and upon receipt of a bill from the City.

- C. All cost and expense incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the City from any loss or damage that may directly be occasioned by the installation of the building sewer.

- D. A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one (1) building sewer.
- E. Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Superintendent, 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, jointing, testing and backfilling the trench shall conform to the requirements of the Building and Plumbing Code or other applicable rules and regulations of the City.
- 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 shall make connection of roof downspouts, exterior foundations drains, areaway drains or other sources of surface runoff or ground water to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer.
- 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.

All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials must be approved by the Superintendent before installation.

- J. The size, slope and method of installation of the building sewer shall be subject to the approval of the Superintendent; however, in no event shall the diameter of the sewer be less than four (4) inches. The slope of four (4) inch pipe sewers shall not be less than one-eighth ($\frac{1}{8}$) inch per foot. Each building sewer shall have a trap with a vent.
- K. The connection of the building sewer to the public sewer shall be made at the "Y" branch placed for that property and shall be made with an approved compression coupling. The connection shall be completely watertight. No connection shall be allowed to damage the wye branch. If damage occurs during the making of the connection, the wye branch shall be taken out of the main sewer by the plumber and replaced by an undamaged wye. Concrete encasement will not be considered water-proof.

Connections of the saddle type may be installed in the main sewer when wye branches are not available. Connections of this type shall be made in a smooth, round hole, cut into the main sewer pipe. The fitting used in the connection shall be made in such a manner as to insure that no protrusion of the fitting into the main sewer pipe shall result. The connector shall fit perfectly the contour of the inside of the sewer and shall be specifically designed to fit the particular size main sewer pipe into which the connections are made. The hole shall be of such size to provide one-eighth ($\frac{1}{8}$) inch clearance between the outside of the fitting and the hole. The space thus provided shall be completely filled with jointing material. The

space between the shoulder of the fitting and the face of the main sewer shall be one-eighth ($\frac{1}{8}$) inch and this space shall also be completely filled with joint material. (CC 1994 §32.115; Ord. No. 386-01 §2, 10-9-01; Ord. No. 672-06 §§1-2, 2-28-06)

SECTION 705.050: SEWAGE DISPOSAL

No statement contained in this Section shall be construed to interfere with any additional requirements that may be imposed by the Health Office, County or City Building Code. (CC 1994 §32.120)

SECTION 705.060: USE OF THE PUBLIC SEWERS

- A. No person shall discharge or cause to be discharged the following described substances, materials, waters, or other wastes if it appears likely in the opinion of the Superintendent that such wastes can harm either the sewers or sewerage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his/her opinion as to acceptability of these wastes, the Superintendent will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewerage treatment plant, degree of treatability of wastes in the sewerage treatment plant, and other pertinent factors. The substances prohibited are:
1. Any liquid or vapor having a temperature higher than one hundred fifty degrees Fahrenheit (150°F) (65°C)).
 2. Any water or wastes containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperature between thirty-two degrees (32°) and one hundred fifty degrees Fahrenheit (150°F) (0° and 65°C).
 3. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-quarter ($\frac{3}{4}$) (0.76 hp metric) horsepower or greater shall be subject to the review and approval of the Superintendent.
 4. Any water or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
 5. Any water or wastes containing iron, chromium, copper, zinc, and similar objects or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewerage at the sewerage treatment works exceeds the limits established by the Superintendent for such materials.
 6. Any water or wastes containing phenols or other taste or odor-producing substances, in such concentrations exceeding limits which may be established by the Superintendent as necessary, after treatment of composite sewage, to meet the requirements of State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.
 7. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent in compliance with applicable State or Federal regulations.
 8. Materials which exert or cause:

- a. Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).

- b. Excessive discoloration (such as, but not limited to dye wastes and vegetable tanning solutions).
- c. Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.
- d. Unusual volume of flow or concentration of wastes constituting "*slugs*" as defined herein.

B. The Superintendent will evaluate such toxic or objectionable substance waste on a concentration dilution basis and will establish maximum allowable discharge concentrations for each individual person to protect against the following:

1. Decreased sewerage plant treatment process efficiencies and degraded effluent qualities exceeding the current requirements of the regulatory agencies.
2. Concentration of any toxic or objectionable substances in plant effluent flows which will result in concentration of such substances in the receiving water which will exceed the regulatory agencies maximum allowable limits for these substances in the receiving waters.
3. Water or wastes containing substances which are not amenable to treatment or reduction by the sewerage treatment processes employed, or are amenable to treatment only to such degree that the sewerage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
4. Any waters or wastes having:
 - a. A five (5) day BOD greater than three hundred fifty (350) parts per million by weight, or
 - b. Containing more than four hundred thirteen (413) parts per million by weight of suspended solids, or
 - c. Having an average daily flow greater than two percent (2%) of the average sewage flow of the City, shall be subject to the review of the Superintendent.

C. Where necessary in the opinion of the Superintendent, the owner shall provide at his/her expense, such preliminary treatment as may be necessary to:

1. Reduce the biochemical oxygen demand to three hundred fifty (350) parts per million by weight, or
2. Reduce the suspended solids to four hundred thirteen (413) parts per million by weight, or
3. Control the quantities and rates of discharge of such waters or wastes.
4. Plans, specifications, and other pertinent information relating to proposed preliminary treatment facilities will be submitted for the approval of the Superintendent and no construction of such facilities shall be commenced until said approvals are obtained in writing.

5. If any water or wastes are discharged, or are proposed to be discharged to the public sewers, which water contains the substances or possesses the characteristics enumerated in Subsection (A) of this Section, and which in the judgment of the Superintendent, may have a deleterious

effect upon the sewerage works, process, equipment or receiving waters, or which otherwise creates a hazard to life or constitute a public nuisance, the Superintendent may:

- a. Reject the wastes, and require the violator to cease and desist discharging of said material into the sewer system immediately.
- b. Require pretreatment to an acceptable condition for discharge to the public sewers, as outlined above.
- c. Require control over the quantities and rates of discharge.
- d. Require the payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provisions of Section 705.120 (D).

D. If the Superintendent 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 Superintendent, and subject to the requirements of all applicable Codes, ordinances and laws.

E. All measurements, tests and analysis 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 Examination of Water and Wastewater", published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewerage works and to determine the existence of hazards to life, limb, and property.

(The particular analysis involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analysis are obtained from twenty-four (24) hour composites of all outfalls whereas pH's are determined from periodic grab samples).

F. Any person discharging wastes having concentrations greater than the "normal" concentrations as set forth herein shall upon notification by the Superintendent install a composite sampler with a compatible pacing (metering) device for monitoring said substances. The pacing and sampling devices shall be of a type approved by the Superintendent. (CC 1994 §32.125)

SECTION 705.070: PLUMBING

A. New Plumbing.

1. *Permit required.* A permit shall be obtained prior to installing any plumbing necessary to connect the building sewer to the wastewater collection system. Applications for such permits shall be made to the "Superintendent" and shall state thereon the name of the person or contractor intended to have charge of the installation and the nature and

extent of the proposed installation.

2. *Permit fees.* Each person making an application to obtain permission to connect to the City's wastewater collection system shall pay a fee in an amount required in Section 705.040.

All expenses for materials, equipment and labor for connection with the sewer mains shall be paid by the person making such connection. This permit fee is for the privilege of connecting one (1) building sewer to the City's sewer system. (An inspection fee is also required. See Section 705.040 of this Chapter.)

- B. *Repair Or Replacement Of Existing Plumbing—Exposure For Inspection.* When any existing plumbing is repaired or changed on the sewer side of the trap, all such repairs shall be exposed for view for inspection and testing, unless waived by the Superintendent and shall not be covered until such test is made. An inspection fee of fifty dollars (\$50.00) is required if more than ninety percent (90%) of the line is replaced. (See Section 705.040 of this Chapter.)
- C. *Plumbing Code.* The City shall adopt a Plumbing Code. The code shall state materials and equipment which may be used in house drains, manner of construction and standards which construction must comply with. The code shall also set forth all requirements for plumbing within buildings, regardless of new construction and existing buildings.
- The ordinance adopted by the City shall be the National Plumbing Code or other widely acceptable Plumbing Code. Said code(s) may be modified to meet the special needs of the City.
- D. *Enforcing Officer.* The Superintendent shall enforce the provisions of the Plumbing Code of the City.
- E. *Copy Of Plumbing Code.* The City Clerk shall keep on file in his/her office three (3) copies of the most recent edition of the Plumbing Code which shall be available for inspection.
- F. *Separate Systems.* Each house sewer and drainage system shall be independent of that of any other building, except that upon approval of the Superintendent, existing systems may be combined.
- G. *Standards.* All work done on any plumbing system shall be performed in an efficient and workmanlike manner. (CC 1994 §32.130; Ord. No. 672-06 §§1–2, 2-28-06)

SECTION 705.080: RIGHT TO CONTRACT WITH INDUSTRIAL USERS

The City shall have the right to contract, with any Industrial User, under the provisions of this Chapter i.e., to regulate what rates of sewage flow, sewage strength, etc. that the District will

permit to be discharged into the District's sanitary sewer system for wastewater treatment, and/or operate and maintain pretreatment facilities. (CC 1994 §32.135)

ARTICLE II. REGULATIONS FOR SEWER MAIN CONSTRUCTION

SECTION 705.090: REGULATIONS FOR SEWER MAIN CONSTRUCTION

Any person, firm or corporation desiring to construct public sewer lines within the area and requiring treatment by the Mineral Belt Regional Wastewater Treatment Facility shall be required to obtain the following:

1. An application for a construction permit along with plans and specifications must be approved and construction permit issued before construction begins.
2. Plans, specifications and a record plat must be submitted to the City of Park Hills Wastewater Department for their approval. Approval must be obtained before construction begins.
3. Plans, Specifications and a recorded plat must be submitted to the local Governing Body of the area in which the sewer lines are to be constructed for their approval. Approval must be obtained before construction begins.
4. All easements shall be obtained by and at the expense of the person, firm, or corporation desiring to construct a sewer main.
5. After construction has been completed and approved, all easements and the sewer mains and appurtenances shall be transferred and conveyed to the proper Governing Body.
6. All work will be inspected and approved by the City of Park Hills Wastewater Department Inspector before completion and acceptance of the project. Inspection fees shall be established before the start of any project and shall be paid before transfer of project to the proper Governing Body becomes final.
7. All changes in the original approved plans and specifications for which the construction permit was issued must be approved by the Department of Natural Resources, the City of Park Hills Wastewater Department and the local Governing Body of the area of construction.
8. All public sewer lines constructed must meet or exceed the City of Park Hills Wastewater Department specifications, which are based on the 1986 standard construction specifications for sewers established by the Metropolitan St. Louis Sewer District. (CC 1994 §32.200)

ARTICLE III. SEWER USER CHARGE

SECTION 705.100: GENERAL

- A. An Article establishing a user charge system in the City of Park Hills, County of St.

Francois, State of Missouri, to provide funds needed to pay for all expenses associated with the Mineral Belt Area Wastewater Treatment Works.

- B. The City of Park Hills, Missouri, has constructed wastewater treatment works to serve the Mineral Belt Area; and
- C. The City of Park Hills must pay all expenses associated with said treatment works and charge the users of said treatment works accordingly. (CC 1994 §32.300)

SECTION 705.110: PURPOSE

It is determined and declared to be necessary and conducive to the protection of the public health, safety, welfare and convenience of the City of Park Hills to collect charges from all users who contribute wastewater to the Mineral Belt Area's treatment works. The proceeds of such charges so derived will be used for the purpose of operating, maintaining and retiring the debt for the Mineral Belt Area Wastewater Treatment Works. (CC 1994 §32.305)

SECTION 705.120: USER FEES

- A. Each user shall pay for the services provided by the City based on his/her use of the treatment works as determined by water meter(s) acceptable to the City.
- B. If a residential, commercial or industrial contributor uses water which is not supplied by the City, the user charge for that contributor may be based on a wastewater meter(s) or separate meter(s) installed and maintained at the contributor's expense and in a manner approved by the City. If a residential contributor installs no wastewater meter(s) or separate meter(s), the monthly user charge for that contributor may be based on an estimate determined by U.S. Census of average household size and a sixty (60) gallons per day, per person usage plus ten percent (10%) of the estimated average charge.
- C. The minimum charge per month shall be five dollars fifty cents (\$5.50). In addition, each contributor shall pay a user charge rate for operation and maintenance including replacement of one dollar fifty cents (\$1.50) for each one thousand (1,000) gallons of water or wastewater as determined in the preceding Section.
- D. For those contributors who contribute wastewater, the strength of which is greater than normal domestic sewage, a surcharge in addition to the normal user charge will be collected. The surcharge for operation and maintenance including replacement is:

\$0.1052.	per pound BOD
0.0894.	per pound SS
See Appendix C.	per pound other pollutant(s) specify

- E. 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 Council.

- F. The user charge rates established in the Code shall apply to all users, regardless of their location.
- G. *Leaks*. Whenever a residential user has a leak and the circumstances indicate that the loss of water was not discharged into the sanitary sewer system, the current monthly charge for sewer service shall be based on the average water consumption of that account.
- H. *Industrial Processing Waters*. Accounts with water consumed during industrial processing (not discharged into the sanitary sewer system) may be adjusted by one of the following methods:
1. By use of separate metering devices and accounts which separate consumption on the basis of sewerage and non-sewered water. The account indicating water consumption which is not discharged into the sanitary sewer system shall not be charged the sewer user charge.
 2. By assessment of the sewer user charge on the basis of forty (40) gallons per employee per shift per operating day within the billing period. (CC 1994 §32.310; Ord. No. 95-96 §1, 3-12-96; Ord. No. 295-99 §§1-2, 9-14-99; Ord. No. 385-01 §1, 10-9-01; Ord. No. 414-02 §§1-2, 6-11-02)

SECTION 705.130: METHOD OF BILLING, PAYMENT, CONSEQUENCES OF NON-PAYMENT

- A. All users shall be billed monthly. Billings for any particular month shall be made within thirty (30) days after the end of that month. Payments are due when the billings are made. Any payment not received within thirty (30) days after the billing is made shall be delinquent.
- B. When any bill is thirty (30) days in default, rendition of water and/or sewer service to such premises shall be discontinued until such bill is paid following due notice and opportunity for hearing.
- C. Discontinued services shall be restored upon arrangement for the payment of the delinquent bill in full, and there shall be a reconnect charge of one hundred fifty dollars (\$150.00). (CC 1994 §32.315; Ord. No. 679-06 §§1-2, 4-11-06)

SECTION 705.140: REVIEW OF RATES

The City will review the user charge system annually and revise user charge rates as necessary to insure that the system generates adequate revenues to pay the costs of operation and maintenance including replacement and debt service and that the system continues to provide for the proportional distribution of operation and maintenance including replacement costs among users.
(CC 1994 §32.320)

ARTICLE IV. ACCEPTANCE OF CONTRACT

SECTION 705.150:**ACCEPTANCE OF CONTRACT**

The City of Park Hills shall accept and abide by the contracts enacted with the Cities of Desloge and Leadington for the Regional Sewer Treatment Center. The contracts were enacted on the ninth (9th) day of August, 1979 and the fifteenth (15th) day of May, 1979, copies are on file in the City offices. (CC 1994 §32.400)

SECTION 705.160: SEWER AND WATER LINES

The City of Park Hills agrees to operate and maintain the sewer lines in the Cities of Desloge and Leadington. No sewer line extension shall be made to the two (2) Cities unless approved by the Superintendent of the Water and Wastewater Department of the City of Park Hills in accordance with the Code. (CC 1994 §32.405)

ARTICLE V. PROTECTION, POWERS AND AUTHORITY OF INSPECTOR, CONNECTIONS OUTSIDE OF CITY**SECTION 705.170: PROTECTION FROM DAMAGE**

No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct. (CC 1994 §32.500)

SECTION 705.180: POWERS AND AUTHORITY OF INSPECTORS

- A. The Superintendent and other duly authorized employees of the City bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of this Chapter. The Superintendent or his/her representatives shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for waste treatment.
- B. While performing the necessary work on private properties referred to in Subsection (A), the Superintendent or duly authorized employees of the City shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the City employees and the City shall indemnify the 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.
- C. The Superintendent 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 purpose of, but not limited to inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works 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.
(CC 1994 §32.505)

SECTION 705.190: CONNECTION TO SEWER FROM OUTSIDE CITY LIMITS

- A. All connection to the City sewer as provided by this Section shall be made in compliance with this Chapter.

- B. *Taps Made By Non-Resident Owners To The City Sewer System—Prescribing Fee Therefor.* No person, association, firm, corporation or co-partnership shall tap or connect or cause to be connected to the City sewer system any pipe or drain from property lying or situated outside the corporation limits of this City without first obtaining a permit from the City of Park Hills Wastewater Department; and the tapping or connection charge in either case shall be fifty dollars (\$50.00). Upon the failure of any person, association, firm, corporation or co-partnership to pay such tapping fee, then the Director of Utilities is hereby authorized and directed, upon service of thirty (30) day written notice upon said delinquent user, to disconnect the sewer line of said delinquent user from the City sewer system.
- C. *Prerequisite To The Granting Of A Permit.* Before a permit shall be issued for doing any plumbing work in a building in connection with the use of the sewer system of this City, or before any additions are made thereto, except necessary repairs, a description or plan of the work to be done, signed by a bonded plumber as provided in this Chapter, shall be filed with the Superintendent of the Municipal Sewage Works, and no work shall commence until such description and plans shall have been approved by him/her. And all work done, as well as all material used, must first be approved by said Superintendent.
- D. *Taps Made By Industrial User Outside City Limits.* No person, association, firm, corporation or co-partnership shall tap or connect or cause to be connected to the City sewer system any pipe or drain from property lying or situated outside the corporate limits of this City, the purpose of which is to carry liquid waste resulting from the processes employed in industrial establishments, without first obtaining a permit from the City of Park Hills Wastewater Department; and the tapping fee or connection charge in each case shall be fifty dollars (\$50.00). Upon the failure of any person, association, firm, corporation or co-partnership subject to the provisions of this Section, to pay such tapping fee, the Director of the Municipal Sewerage Works is hereby authorized and directed, upon service of thirty (30) days' notice upon said delinquent user, to disconnect the sewer line of said delinquent user from the City sewer system. (CC 1994 §32.510; Ord. No. 386-01 §§3-4, 10-9-01)

SECTION 705.195: EXTENSION OF WATER AND SEWER LINES

The Council wishes to adopt as procedure the refusal to extend water and sewer service outside the City limits of Park Hills. If any area wishes to have City water and sewer then that area would have to be annexed into the City before such services would be extended to that area. The Council will still honor the Regional Sewer Contract it has with the Cities of Desloge and Leadington.
(Ord. No. 90-96 §1, 1-9-96)

SECTION 705.200: COMBINED WATERWORKS AND SEWAGE SYSTEM

The Waterworks of this City and the existing sewage system of said City and all future improvements and extensions thereto, be combined and that they shall thenceforth be operated and maintained as a Combined Waterworks and Sewage System. (CC 1994 §32.515)

ARTICLE VI. PENALTIES

SECTION 705.210: PENALTIES

Any person convicted of violating any provisions of this Chapter, for which a penalty is not specified

shall be adjudged guilty of a misdemeanor and shall be punished by a fine of no more than five hundred dollars (\$500.00), or by imprisonment in the County Jail not exceeding three (3) months, or both such fine and imprisonment. Each day that any such violation continues shall be deemed a separate offense. (CC 1994 §32.600)

APPENDIX A. TO CITY OF PARK HILLS SEWER USER CHARGE ORDINANCE

- A. *Extra Strength Users.* For users who contribute wastewater that has greater strength than normal domestic wastewater, the user charge will be calculated as follows:

Total monthly charge to extra strength user =

Charge to residential user + surcharge for BOD (if appropriate) + surcharge for SS (if appropriate) + surcharge for other pollutant (if appropriate).

Total monthly charge to extra strength user =

Minimum charge

+ Unit flow charge

+V (unit BOD charge) (BOD_{ES} - BOD_{ND}) (.00834)

+V (unit SS charge) (SS_{ES} - SS_{ND}) (.00834)

+ and so on for any other appropriate pollutant(s) (Specify).

Where:

"Total monthly charge to extra strength user" is in dollars.

"Minimum charge" is in dollars. "V" is the volume of wastewater in one thousand (1,000) gallons discharged by the extra strength user during the month.

"Residential unit charge" is \$/100 gallons.

"Unit BOD charge" is in \$/lb BOD.

"Unit SS charge" is in \$/lb SS.

"BOD_{ES}" is the average BOD concentration in milligrams per liter (mg/l) contributed by the extra strength user during the month.

"SS_{ES}" is the average SS concentration in mg/l contributed by the extra strength user during the month.

"BOD_{ND}" is the normal domestic BOD strength in mg/l.

"SS_{ND}" is the normal domestic SS strength in mg/l and .00834 is a unit conversion factor.

- B. An example user charge calculation for an extra strength user of the Mineral Belt Area treatment works follows:

Assume twenty thousand (20,000) gallons/day discharge, Av. 608,300 gal/month
BOD = 401 mg/l, SS = 453 mg/l

App. A

Park Hills City Code

App. A

Unit Flow Charge

608,300 gal. X \$1.00
1,000 gals. \$608.30

Surcharge for BOD

608,300 gallons (\$0.1052) (401-351) (0.00834)
1,000 gallons 26.68

Surcharge for SS

608,300 gallons (\$0.0894) (453-413) (0.00834)
1,000 gallons 18.14

Minimum Monthly Charge

4.50

Total Sewer Service Charge for the Month

\$657.52

(CC 1994 Appendix A; Ord. No. 95-96 §1, 3-12-96)

APPENDIX B. TO CITY OF PARK HILLS SEWER USER CHARGE ORDINANCE

The discharger(s) of "Other Pollutants" which are listed in Table 1-C are limited to the concentration shown in said table, except however, that if the concentration exceeds the limits herein established, and there are two (2) or more dischargers of the same "Other Pollutants" the City of Park Hills shall then establish the concentration of the "Other Pollutants" each discharger may discharge including the days of the week that such discharge may be made.

The discharger(s) shall pay for the treatment of "Other Pollutants" on a per pound basis using the following formula:

$$CM = CPPTOP \times \text{lbs. treated}$$

Where:

"CM" - charge per month (dollars)

"CPPTOP" = Cost per pound to treat "Other Pollutants"

"Total lbs. treated" = $GD \times \frac{\text{concentration (mg/l)} \times 8.34}{1,000,000}$

Where:

"GD" = Gallons discharged per month

Sample calculation of discharge of "Other Pollutants"

Sample No. 1 when concentrations from each discharger is the same.

Assume: GD = by No. 1 - 100,000 gallons, by No. 2 - 150,000 gallons

Other Pollutant - Copper

Concentration = 2 mg/l each discharger

GD = 100,000 gallons + 150,000 gallons = 250,000 gallons

Cost to treat "Other Pollutants" = \$500.00 determined by plant records.

(CC 1994 Appendix B)

APPENDIX C. TO CITY OF PARK HILLS SEWER USER CHARGE ORDINANCE

The discharger(s) of "Other Pollutants" which are listed in Table 1-C are limited to the concentrations shown in said Table, except however, that if the concentration exceeds the limits herein established, and there are two (2) or more dischargers of the same "Other Pollutants" the City of Park Hills shall then establish the concentration of the "Other Pollutants" each discharger may discharge including the days of the week that such discharge may be made.

The discharger(s) shall pay for the treatment of "Other Pollutants" on a per pound basis using the following formula:

$$CM = CPPTOP \times \text{lbs treated}$$

Where:

CM - charge per month (dollars)

CPPTOP = Cost per pound to treat "Other Pollutants"

$$\text{Total lbs. treated} = \frac{GD \times \text{concentration (mg/l)} \times 8.34}{1,000,00}$$

Where:

GD = Gallons discharged per month

Sample calculation of discharge of "Other Pollutants"

Sample No. 1 when concentrations from each discharger is the same.

Assume: GD = by No. 1 - 100,000 gallons, by No. 2 - 150,000 gallons
Other Pollutant - Copper
Concentration = 2 mg/l each discharger
GD = 100,000 gallons + 150,000 gallons = 250,000 gallons
Cost to treat "Other Pollutants" = \$500 determined by plant records.

$$\text{Total lbs. treated} = \frac{250,000 \times 2 \text{ mg/l} \times 8.34}{1,000,000} = 4.17 \text{ lb.}$$

$$\text{Cost per pound for treatment} = \frac{\$500.00}{4.17} = \$119.90$$

Pounds discharged by:

$$\text{No. 1 - lbs. discharged} = \frac{100,000 \times 2 \text{ mg/l} \times 8.34}{1,000,000} = 1.668 \text{ lbs.}$$

$$CM = 1.668 \text{ lbs.} \times \$119.90 = \$200.00$$

$$\text{No. 2 - lbs. discharged} = \frac{150,000 \times 2 \text{ mg/l} \times 8.34}{1,000,000} = 2.502 \text{ lbs.}$$

$$\text{CM} = 2.502 \text{ lbs.} \times \$119.90 = \$300.00$$

Sample calculation No. 2 - when concentration from each discharger is different

Assume: Same as No. 1 except:

Concentration of No. 1 discharger = 2.5 mg/l

Concentration of No. 2 discharger = 0.5 mg/l

$$\text{lbs. discharged by No. 1} = \frac{100,000 \times 2.5 \text{ mg/l} \times 8.34}{1,000,000} = 2.085$$

$$\text{lbs. discharged by No. 2} = \frac{150,000 \times 0.5 \text{ mg/l} \times 8.34}{1,000,000} = 0.625$$

Total pounds discharged = 2.710

$$\text{Cost per pound} = \frac{\$500}{2.71} = \$184.50$$

$$\text{CM (No. 1)} = 2.085 \text{ lbs.} \times \$184.50 = \$384.69$$

$$\text{CM (No. 2)} = 0.625 \text{ lbs.} \times \$184.50 = \$115.31$$

Sample Calculation No. 3

Only one discharger of Other Pollutants

Charge per month equals cost of treating "Other Pollutants"

TABLE 1-C
MAXIMUM CONCENTRATIONS
OF OTHER POLLUTANTS THAT MAY BE
PRESENT IN THE WASTEWATER

<i>Pollutant</i>	<i>Concentration (mg/l)</i>
Aluminum	20
Ammonia	480
Arsenic	0.1
Borate (Boron)	50
Cadmium	50
Calcium	2500
Chromium (hexavalent)	5
Chromium (trivalent)	50
Copper	1.0
Cyanide	3
Iron	1000
Lead	0.1
Manganese	10
Mercury	3
Nickel	1.5
Silver	5
Zinc	5
Phenols:	
Phenol	
Cresol	
2-4 Dinitrophenol	200

