

APPENDIX D

BOARD OF PUBLIC UTILITIES RULES & REGULATIONS
GOVERNING THE USE OF SANITARY SEWERS AND CONNECTIONS THERETO

1 Unlawful Connections to Sewers:

No person, firm or corporation shall be allowed to connect to the city sanitary sewer system save in the manner hereinafter provided, and any person violating the provisions of this ordinance and making an unauthorized connection shall be guilty of a misdemeanor.

2. Application for Permits:

Any person, firm or corporation desiring to connect with the city sanitary sewer system shall first apply to the Board of Public Utilities and fill out the proper application blank in the following section.

All connections to the sewer system shall be made by forces of the Board of Public Utilities or by a contractor employed by the Board of Public Utilities.

No application for original service will be accepted until the applicant has exhibited proof that a proper building permit or certificate of occupancy has been obtained from the building inspector (Ord. #378, 3/7/66).

3. Wastewater Rate Schedule

(a) Residential Schedule – Sewer connections shall be available to all residential customers within the corporate limits of the City of Paris subject to the provisions of 8-203 of the Paris Municipal Code.

(1) Connections for New Customers:

	Inside City	Outside City
4" Tap	\$ 600.00	\$ 900.00
6" Tap	650.00	975.00

If a sewer connection has not been installed within ninety (90) days, a refund may be requested by letter enclosing the original receipt or an affidavit stating the receipt has been lost. The Board of Public Utilities will extend the sewer connections from the sewer system to the property line and the property owner will extend the sewer connection from that point to his building at his own expense (Ord. #519, 7/7/77, Ord. #594, 8/4/83, Ord. #602, 1/5/84, Ord. #632, 12/5/85, Ord. #925, 2/3/98, Ord. # 1107, 07/21/09, Ord. # 1112, 07/08/10)

(2) Minimum Monthly Bill and Commodity Rate. All residential customers located within the corporate limits of the City of Paris will be charged as

follows. In addition, all users or customers residing outside the corporate limits of the City of Paris shall be charged an additional fifty percent (50%) of the wastewater bill.

Minimum Monthly Bill
Based on Water Meter Size

Size	Inside City	Outside City
5/8"	See Commodity Rate for Minimums	
1"	\$26.20	\$39.30
1½"	\$57.00	\$85.50
2"	\$87.80	\$131.70

Commodity Rate

Water Usage	Wastewater Rate*
Less than 1,000 Gallons	\$13.60 (Base Charge)
1,000 Gallons	\$15.15 Charge
2,000 Gallons	\$16.06 Charge
Next 3,000 Gallons	\$3.38 per Thousand Gallons
Next 20,000 Gallons	\$3.08 per Thousand Gallons
Over 25,000 Gallons	\$2.78 per Thousand Gallons

There is included an additional charge of \$0.12 per 1,000 gallons to create a Capital Improvement Fund to be used by the Board of Commissioners of the City of Paris, Tennessee, at their discretion, for the expansion and improvement of sewer lines within the corporate limits of the City of Paris or in any proposed areas for annexation, or in any areas of the Planning Region the Board of Commissioners of the City of Paris, Tennessee may deem necessary. The Board of Public Utilities shall not have the right to expend these funds without the permission of the Board of Commissioners of the City of Paris, Tennessee, but shall account for, invest these funds, and shall remit at least annually to the City of Paris these funds, including any interest earned, and further, shall make no charge to the City for these services (Ord. #836, 7/30/93, Ord. #859, 8/4/94, Ord. #901, 8/29/96, Ord. #1051, 7/21/05, Ord. # 1107, 07/21/09, Ord. # 1118, 7/08/10).

Residential Sprinkler Credit. The maximum usage for the summer meter reading months of June –November will be the maximum usage during the previous meter reading months of December – May. (Ord. # 1100, 02/05/09)

Payment. All charges are net.

- (b) Non-Residential Schedule – This rate schedule shall apply to wastewater service to commercial, industrial, governmental, and other customers not classified as residential, located within the corporate limits of the City of Paris. The rate is based upon the amount of water measured by the Board of Public Utilities’ metering facilities at each point of delivery.

(1) Connections for New Customers:

	<u>Inside City</u>	<u>Outside City</u>
4" Tap	\$ 600.00	\$ 900.00
6" Tap	650.00	975.00

If a sewer connection has not been installed within ninety (90) days, a refund may be requested by letter enclosing the original receipt or an affidavit stating the receipt has been lost. The Board of Public Utilities will extend the sewer connections from the sewer system to the property line and the property owner will extend the sewer connection from that point to his building at his own expense (Ord. #519, 7/7/77, Ord. #594, 8/4/83, Ord. #602, 1/5/84, Ord. #632, 12/5/85, Ord. #925, 2/3/98)

(2) Minimum Monthly Bill, Commodity Rate, and Surcharge. All commercial, industrial, governmental and other customers not classified as residential located within the corporate limits of the City of Paris will be charged as follows. In addition, such users or customers residing outside the corporate limits of the City of Paris shall be charged an additional fifty percent (50%) of the wastewater bill.

Minimum Monthly Bill
Based on Water Meter Size

<u>Size</u>	<u>Inside City</u>	<u>Outside City</u>
5/8"	See Commodity Rate for Minimums	
1"	\$27.45	\$41.18
1½"	\$59.75	\$89.63
2"	\$92.05	\$138.08

Commodity Rate

<u>Water Usage</u>	<u>Wastewater Rate*</u>
Less than 1,000 Gallons	\$14.40 (Base Charge)
1,000 Gallons	\$15.95 Charge
2,000 Gallons	\$16.86 Charge
Next 3,000 Gallons	\$3.53 per Thousand Gallons
Next 20,000 Gallons	\$3.23 per Thousand Gallons
Over 25,000 Gallons	\$2.88 per Thousand Gallons

There is included an additional charge of \$0.12 per 1,000 gallons to create a Capital Improvement Fund to be used by the Board of Commissioners of the City of Paris, Tennessee, at their discretion, for the expansion and improvement of sewer lines within the corporate limits of the City of Paris or in any proposed areas for

annexation, or in any areas of the Planning Region the Board of Commissioners of the City of Paris, Tennessee may deem necessary. The Board of Public Utilities shall not have the right to expend these funds without the permission of the Board of Commissioners of the City of Paris, Tennessee, but shall account for, invest these funds, and shall remit at least annually to the City of Paris these funds, including any interest earned, and further, shall make no charge to the City for these services (Ord. #836, 7/30/93, Ord. #859, 8/4/94, Ord. #901, 8/29/96, Ord. #1051, 7/21/05, Ord. #1107, 6/07/21/09, Ord. # 1118, 07/08/10).

Surcharge – as provided in (e) hereinbelow:

Biochemical Oxygen Demand (BOD) over 250 mg/l	\$0.26 per pound
Suspended Solids over 300 mg/l	\$0.18 per pound
Ammonia Nitrogen over 15 mg/l	\$1.14 per pound

(Ord. #1069, 4/01/07, Ord. #1107, 6/30/09, Ord. 1118, 07/08/10).

Surveillance Fee – Any customer issued an industrial pretreatment discharge permit shall be charged an additional \$500.00 per month (Ord. #1107, 07/21/09/09, Ord. # 1118, 07/08/10).

Payment – All charges are net.

- (a) Discontinuance of Service Upon Default in Payment - Whenever any bill rendered to a customer for service shall not be paid and shall remain unpaid twenty (20) days after the date of billing, the service to the customer shall be discontinued (Ord. #1051, 7/21/05).
- (b) Operation and Maintenance Fee - Each customer who is served by the City of Paris plant shall pay an operation and maintenance fee. The operation and maintenance fee shall produce adequate revenues for the operations, maintenance, and replacement of the wastewater treatment system. The operation and maintenance fee shall be on a volume basis determined as follows:

UC = CT/VT
 where
 UC = User Charge (\$/1000 gal)
 CT = Total Operation and Maintenance Cost (\$)
 VT = Total Water Usage by Sewered Customers (1,000 gal.)

The operation and maintenance fee or "User Charge" shall be established on the basis of the operating and maintenance costs for wastewater treatment, but the charge shall be subject to review and adjustment on an annual basis to reflect changes in operating and maintenance costs. The User Charge will be equal to \$0.70/1000 Gal. All customers shall be notified annually as to the amount of the User Charge and what portion is

attributable to wastewater treatment (Ord. #836, 7/30/93, Ord #1051, 7/21/05).

- (c) Surcharge for Excessive Concentrations - Where the customer's discharged sanitary waste is found to contain excessive concentrations of five-day BOD or suspended solids, or ammonia nitrogen a surcharge will be collected. The surcharge shall be based on an average of at least three (3) samples collected over the three-month period preceding the billing date and shall be computed as follows:

BOD Surcharge (in dollars) =

$$B_S (\text{Volume in MG}) (8.34) (BOD_5-250) \\ \text{Suspended Solids Surcharge (in dollars) =} \\ S_S (\text{Volume in MG}) (8.34) (S_S-300) \\ \text{Ammonia Nitrogen Surcharge (In dollars)} \\ A_S (\text{Volume in MG}) (8.34) (A_N-15)$$

For the purpose of this subsection, MG is defined as million gallons of water used; BOD₅ is defined as denoting five-day biochemical oxygen demand expressed as milligrams per liter; and S_S is defined as suspended solids expressed as milligrams per liter and A_N is defined as ammonia nitrogen expressed as milligrams per liter. B_S represents the cost of treatment for a pound of BOD₅ and S_S represents the cost of treatment for a pound of suspended solids, and A_S represents the cost of treatment for a pound of ammonia nitrogen. The surcharge costs for B_S, S_S and A_S shall be equal to \$0.26, \$0.18, and \$1.14 per pound, respectively. (Ord. #519, 7/7/77, Ord. #594, 8/4/83, Ord. #602, 1/5/84, Ord. #635, 6/13/86, Ord. #705, 3/2/89, Ord #1051, 7/21/05; Ord. #1069 3/2/07).

- (f) Industrial Surveillance Fee - Any industry discharging industrial process wastes of any description shall be charged a surveillance fee of Five Hundred Dollars (\$500.00) per month to compensate the City for the added cost of collecting and analyzing waste samples on a periodic basis to ensure compliance with the terms of the Paris Sewer Use Ordinance. The surveillance fee is subject to annual review and adjustment and shall be levied in addition to all other applicable charges, user fees and/or taxes (Ord. #705, 3/2/89, Ord. #901, 8/29/96, Ord. #1051, 7/21/05; Ord. #1053, 11/02/05).

4. City Not Compelled to Construct Sewer:

The provisions of this ordinance shall in no way be construed as requiring the City to construct sewers on streets, alleys, or in private property where sewers are not already laid.

5. Separate Connections with Sewer Required:

Each and every building facing on a dedicated public thoroughfare, street, alley or place shall have a separate connection with the public sewer. This connection shall serve only such other appurtenant buildings as a servant's house, private garage, private workshop, that are erected for the use of the occupant of the initial building.

6. One Sewer Connection Allowed for Certain Buildings:

One connection to the main sewer will be allowed for a private dwelling, apartment house, flat, tenement house, hotel, or office building.

6a. Separate Sewer Connection Required Where Building Divided Into Separate Units - - When:

A separate sewer connection to the main sewer for each unit shall be made where a number of buildings, of one or more stories, for storage or other business purposes, are constructed as a whole, but having division walls extending up through same in such a manner as to make it possible to divide same into separate and independent units.

7. Sewer Connections for Dwelling Not Facing Public Thoroughfare:

In the event of one or more building, situated directly in the rear of another building which faces a public thoroughfare, street, alley or place, each building constituting a separate dwelling and not being an appurtenance to the main building, and having no possible direct outlet to a main city sewer, a main house connection line of not less than six (6) inches internal diameter shall be run into the property and branch connecting lines of not less than four (4) inches internal diameter to each house. In no case shall such condition be allowed where the length of the main house connection line will be over two hundred (200) feet long. Where this distance is exceeded, the property owner shall give an easement right to such main sewer and shall cause same to be constructed to line grade and internal diameter which shall be established by the Board of Public Utilities.

8. Materials and Installation - Underground House Sewer Pipe - How Laid:

House sewer pipe in yards shall be of the best quality vitrified clay, concrete, transit, or PVC sewer pipe of 4 inch or 6 inch internal diameter as required with proper connections to insure water tight joints with the following restrictions: they shall not be laid closer than four feet to any exterior wall, cellar, basement, well or cistern, or less than one foot and six inches below the surface, or when the sewer passes through roadway or drive, then the pipes must be two feet deep nor will it be allowed in bad soil conditions. Any deviation from these restrictions may require the use of cast-iron pipe at the discretion of the Board of Public Utilities. All sewer lines laid by property owners or their contractors must be inspected by a duly authorized representative of the Board of Public Utilities before sewer line is covered. House service piping laid by the owner shall be laid at a minimum fall of one quarter inch (1/4") per foot for four inch (4") pipe and one-eighth (1/8") per foot for six inch (6") pipe, or as approved by the Board of Public Utilities.

9. Joints in Pipe - How Made:

Joints in PVC pipe shall be glued with approved solvent.

Joints in vitrified clay or concrete pipe shall be of poly vinyl chloride rubber gasket slip joint. Joints in cast-iron pipe shall be rubber gasket slip joint or as approved by the Board of Public Utilities. Where transit is used, the proper connections shall be used as specified for each type of pipe, to insure a watertight joint.

In all cases where transit, concrete, PVC or clay are connected to iron, only these connections shall be used as approved and recommended for this type connection. The connection from the customer's plumbing to the customer's service line shall be a standard adapter or as approved by the Board of Public Utilities. In the event more than one type pipe is used in any service line, the same adapter rule shall apply to the connection joining the different types of pipe.

10. Pipes to be Laid Direct as Possible - Change in Direction - How Made:

All services must be as direct and straight as possible. Change in direction must be made with no greater than 45 degree bends.

11. Waste Pipes from Drinking Fountains, Refrigerators, Floor Drains, Safe Waste and Soda Fountains - Connected How:

No waste pipe from a drinking fountain, refrigerator, icebox, bar fixture, safe waste, floor drains and soda fountains, or any other receptacle where food is stored, shall connect directly with any service. The waste pipe must in all cases be connected to a catch basin or deep seal trap. Water consuming air conditioning units shall be connected to a storm sewer whenever possible. In case connections to storm sewers are not feasibly possible, then permission must be obtained from the Board of Public Utilities for connection of these units to the sanitary sewer.

12. Automatic Washing Machine, Dishwasher, of Similar Appliances for Single Family Dwelling Units:

Where an automatic washing machine, dishwasher, or similar appliances are installed in conjunction with a kitchen sink or any other fixture, it shall be considered as a separate fixture and shall be separately trapped and vented in accordance with this ordinance.

13. Grease Traps Required - When:

In all cases where a building is used as a hotel, factory, tenement, board house, restaurant or place where a large amount of cooking is done, all sinks must be provided with a properly constructed grease trap, through which all contents of a greasy nature shall be drained and the Board of Public Utilities has authority and is hereby authorized and directed to compel any person, firm or corporation to provide and use a grease trap as aforesaid, metallic construction, to prevent their destruction, such as brass, copper or cast-iron enamel coated.

14. Steam Exhaust - How Disposed of:

No steam exhaust, blow-off or drip pipe shall connect directly with the service except as herein provided. Steam shall be discharged into blow-off or condensing tank, sufficiently large

for complete condensation before entering sewer, and trapped and vented as other fixtures, and where there is danger of back water from any sewer there must be placed on its outlet side of sewer a back water valve.

15. Back Water Sewer Valves:

Where there is danger from overflow or backwater from public or private sewer, they shall be provided with a back water or sewer valve. Such valve shall be of a pattern or design to be approved by the Board of Public Utilities.

16. Venting

No vent shall be required when the catch basin is within seven feet of a soil line which is continued full size through the roof.

17. Vehicle Wash Stands - Constructed How - Double Basin Required:

Vehicle or automobile washstands shall be equipped with a double basin, one of which shall be covered with a removable solid iron cover, and the other with a removable iron cover perforated with holes. One of said basins shall be connected with the other, and only one shall be connected with public sewer shall be provided with a proper cleanout and be properly trapped and vented, so as to prevent the escape of sewer gases. No vent shall be required for the secondary basin. No vent shall be required for the basin connected directly to sewer if it is within seven feet of said sewer. Each basin of such washstands for private garages housing not more than three motor vehicles shall be not less than two (2) feet in diameter and be constructed of concrete. Each basin for all other vehicles, washstands shall not be less than thirty (30) inches square, or if round, not less than thirty-six inches in diameter, and be constructed of concrete. All such washstands shall be subject to the approval and inspection of the Board of Public Utilities.

18. Waste Stand in Establishment Where Volatile Liquids are Used to be Locally Vented:

All catch basins and vehicle washstands in public garages, cleaning establishments or other places where gasoline, or other volatile inflammable liquids are used, shall be provided with a local vent, which shall be carded above the roof, so as to prevent the collection of gases. Such gas vents shall not be connected with any other vent.

19. Cleanout and Connections:

A cleanout shall be provided at the house end of each and every sewer service. Cleanout shall be constructed of four inch (4") cast-iron pipe or PVC pipe and shall be connected to the service by not greater and no more than two (2) 45 degree elbows and one (1) 45 degree "Y". Bell of pipe at end of cleanout shall be rifled with a standard screw type cleanout plug, mounted flush with the ground, surrounded by a concrete pad (12" x 12" x 6"). A cleanout shall also be installed in the same manner at any point where more than one bend is used to change the direction of a service by 45 degrees or more; and at a point to be determined by the Board of Public Utilities, where the total length of the service exceeds one hundred (100) feet. (Ord. #1086, 5/1/08).

20. Damaged Sewer Pipe to be Replaced - Inspection Required - When:

In the event of damage, extension, or any changes that affect a sewer service with respect to the service as it was originally inspected will be considered a new service, requiring inspection by the Board of Public Utilities.

21. Surface Water Not Permitted in Sanitary Sewers:

No rain, storm, surface or seep water allowed to be discharged into the sanitary sewer.

22. Garbage and Refuse not to be Thrown into Sewers or Connections Therewith:

Except as expressly provided by the conditions prescribed in this ordinance, it shall be a misdemeanor to throw or deposit, or cause or permit to be thrown, or deposited, in any vessel or receptacle connected with a public sewer, any items not properly ground by an approved disposal unit. Also, only those items normally associated with domestic or treated industrial wastewater will be allowed to be discharged to the sanitary sewer.