

SEWER USE ORDINANCE

HOPEWELL TOWNSHIP
HUNTINGDON COUNTY, PENNSYLVANIA
ORDINANCE NO. 3-1998

AN ORDINANCE OF HOPEWELL TOWNSHIP
SETTING FORTH THE RATES, RULES AND
REGULATIONS FOR THE USE OF THE SANITARY
SEWERAGE SYSTEM LOCATED IN HOPEWELL TOWNSHIP
AND PRESCRIBING PENALTIES
FOR VIOLATION THEREOF.

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WHEREAS, Hopewell Township has certain areas accessible to a sanitary sewer system located in Hopewell Township; and WHEREAS, Hopewell Township desires to set forth its rates, rules and regulations for connection and discharge into the sanitary sewer system.

NOW, THEREFORE, Hopewell Township hereby adopts the following Ordinance:

ARTICLE I - DEFINITIONS

Unless the context specifically and clearly indicates otherwise, the meaning of the terms and phrases used in these rates, rules and regulations shall be as follows:

- A. B.O.D. (Biochemical Oxygen Demand): means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at twenty degrees Centigrade, expressed in parts per million by weight.
- B. Building Sewer: the pipeline constructed and owned by the property owner extending from the plumbing fixtures in the building to the inlet of the septic tank.
- C. Commercial User: shall mean and refer to a building which is intended to be used for the purpose of carrying on a trade or business that either (1) generates wastewater from the operation of a trade or business, or (2) has rest room facilities in the building. Should the trade or business be located in a residential building used for continuous habitation by a single-family unit and the rest room facilities are used only by the residents of the building, item (2) does not apply.
- D. Connection Fee: the fee charged by the Township, if Township makes the physical connection of the house, furnishing and installing connection to the service main. Fee covers installation of main wye and service lateral only.
- E. Consulting Engineers: the engineer or engineering firm employed by this Township.
- F. Customer: as used herein shall mean the owner of improved property served by or connected to the sewer system as such is properly classified.
- G. Disconnection Fee: the fee charged by the Township to the owner of an improved property for disconnecting the property from the Sewer System.
- H. Drainage Outlet: shall mean every separate wash basin, water closet, shower stall, tub, sink, or drain, excepting from cellar and garage floor drains.
- I. E.D.U.: means Equivalent Dwelling Unit, which is hereby defined as any rooms, house, mobile home or any other structure, building, combination of buildings, or other enclosure occupied or intended for occupancy as a separate living quarters by a family of persons, persons living together or person living alone. The volume of sanitary sewage generated by one (1) E.D.U. is hereby stated to be equal to the volume of water consumed per day by the average of the residential users of the Township during the previous calendar year.

The number of EDU's may be based on a description of the property, as follows:

Description of Improved Property	Unit of Measurement	Number of EDU's Per Unit of Measurement
Residential Dwelling Unit (year-round or seasonal)	Each single family dwelling unit	1
Retail store, professional offices or other Commercial Establishment	1 to 10 employees - Each additional 10 employees or fraction thereof -	1 1

Hotel, motel or boarding house (not including restaurant facilities)	1 to 15 rental rooms - Each additional 15 rooms or fraction thereof -	1 1
Restaurant, club, tavern or other retail food or drink establishment	1 to 20 customer seats - Each additional 10 seats or fraction thereof -	1 1
Laundromat	1 to 10 washing machines - Each additional 10 machines or fraction thereof -	1 1
Automobile service station or commercial vehicle repair shop	1 or 2 bays - Each additional 2 bays or fraction thereof -	2 1
Car Wash	1 or 2 bays - Each additional 2 bays or fraction thereof -	1 1
Beauty parlor or barber shop (attached to or part of a Dwelling Unit)	First chair - Each additional chair -	1 1
Beauty parlor or barber shop (not attached to or part of a Dwelling Unit)	First chair - Each additional chair -	1 1
Education/Institutional Establishment	Per each 10 pupils, faculty, administrators and staff	1
Church	Each Property	2
Fire Company	Each Property	2
Community Hall	Each Property	2
Funeral Home	Each Property	2
Industrial Establishment	1 to 10 employees	1
	Each additional 10 employees or fraction thereof	1

Equivalent Dwelling Units may also be determined on the basis of the volume of water consumed per day compared to the average consumption of the residential users of the Township.

- J. Garbage: means solid wastes from the preparation, cooking and dispensing of food, and from the handling and storage and sale of produce.
- K. House Connection: shall mean the property lateral, septic tank and building sewer serving a property.
- L. Improved Property: means any property located within the Township's service area upon which there is erected a structure or structures, or renovation or improvement to existing structures intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure or structures sanitary sewage and /or industrial waste shall be or may be discharged. For example, a mobile home or travel trailer intended for human occupancy,

employment, recreation or other similar purposes, a combination of buildings in one common enclosure occupied by one or more dwellings or businesses, one side of a double house having a solid vertical partition wall, occupied by one family or business, one side of a part of house occupied by one family or business, even though plumbing fixtures are used in common, or a mobile home park containing two or more mobile homes.

- M. Inspection Fee: the hourly rate charged by the Township to the owner of the improved property for on site inspections of any work performed on or with respect to the installation or repair of a House Connection.
- N. Industrial User: shall mean any room, group of rooms, building or other enclosure used or intended for use in the operation of one business enterprise for manufacturing, processing, cleaning, laundering or assembling any product, commodity or article or from which process waste, as distinct from sanitary sewage, shall be discharged.
- O. Industrial Waste: shall mean any solid, liquid or gaseous substance or form of energy ejected or escaping from the course of any industrial, manufacturing, trade or business process or in the course of the development, recovery or processing of natural resources, as distinct from sanitary sewage.
- P. mg/l: shall mean milligrams per liter.
- Q. Non-Residential Unit: shall mean all users with the exception of Residential Units as that term is defined herein.
- R. Owner: shall mean any person vested with ownership, legal or equitable, sole or partial, of any improved property.
- S. Person: shall mean any individual, partnership, company, association, society, corporation or other group or entity.
- T. pH: shall mean the logarithm of the reciprocal of the weight of hydrogen ions in moles per liter of solution.
- U. Property Lateral: shall mean that part of the sewer system from the outlet of the septic tank to the service lateral (at curb or property line).
- V. Residential Unit: shall mean an Improved Property used exclusively for residential use as those terms are previously defined.
- W. Sanitary Sewage: shall mean any substance that contains any of the waste products or excrement or other discharge from the bodies of human being or animals, any noxious or deleterious substances being harmful or inimical to the public health or animal or aquatic life or to the use of water for domestic waste supply or for recreation including laundry waste water, or which constitutes pollution under the Clean Streams Law P. L. No. 394 as amended and supplemented.
- X. Sanitary Sewer: shall mean a sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted.
- Y. Septic Tank: shall mean the part of the sewer system constituting a precast concrete settling tank in which settling sludge and organic solids are decomposed by anaerobic bacterial action. Also includes two feet of pipe and flexible coupling at the inlet of tank.
- Z. Service Lateral: shall mean that part of the sewer line from the sewer system to the curb line or to the property line if there is no curb.

- AA. Sewage: means a combination of the water carried waste from residences, business buildings, institutions, and industrial establishments, together with such ground, surface and storm waters as may be present.
- BB. Sewer: shall mean any pipe or conduit constituting a part of the sewer system, used or usable for sewage collection purposes.
- CC. Sewer Rental: means the periodic charge for a direct or indirect connection with and use of the sewer system.
- DD. Sewer System: shall mean all facilities, as of any particular time, for collecting, pumping, transporting, treating and/or disposing of sanitary sewage and/or industrial waste.
- EE. Storm Sewer or Storm Drain: means a sewer which carries storm and surface waters and drainage, but excludes sewage and polluted industrial waste.
- FF. Student: shall mean those individuals attending private, public schools and day care facilities who stay or reside there for at least six (6) hours per day.
- GG. Suspended Solids: means the total nonfilterable residue retained on a glass fiber filter and dried at a temperature of 103-105 degrees Centigrade to a constant weight.
- HH. Tapping Fee: the fee charged by the Township, in addition to Sewer Rental and a connection fee to the owner of the improved property for the privilege of connecting to and receiving the use of the sewer system.
- II. Township: shall mean Hopewell Township; of Huntingdon County, and its Board of Supervisors.

ARTICLE II - PROHIBITED WASTES

Section 2-101 Discharge of Waste Water and Surface Water.

No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage except cooling water or unpolluted industrial or commercial process water into any sanitary sewer.

Section 2-102 Discharge of Cooling Water.

The discharge of cooling water from air conditioning units, three tons of refrigeration and larger, without cooling towers or recirculating systems is prohibited.

Section 2-103 Discharge of Other Wastes and Waters.

Except as hereinafter provided, no person shall discharge or cause to be discharged any of the following described wastes or waters into any public sewer:

- A) Any liquid or vapor having a temperature higher than 180 degrees Fahrenheit.
- B) Any water or waste containing more than 100 mg/l by weight of fats, oils or greases.
- C) Any liquids, solids or gases, which by reason of their nature or quality may cause fire or explosion, or be in any other way injurious to persons, to the sewage works structures or to the operation of these works.

- D) Any noxious or malodorous gas or substance, which either singly or by interaction with other wastes is capable of creating public nuisance or hazard to life or preventing entry into sewers for their maintenance and repair.
- E) Any garbage that is not ground garbage.
- F) Any ashes, cinders, sand, mud, straw, shavings, metal, glass, bones, feathers, tires, plastic, wood, paunch manure, butcher's offal or any other solids or viscous substance capable of causing obstruction to the flow in sewers or other interference with the proper operation of the sewage system or sewage treatment works.
- G) Any water or waste having a pH lower than 6.0 or higher than 9.0 or having any corrosive property capable of causing damage or hazards to structures, equipment, or personnel of the sewage works or affecting the biological treatment of the waste. Where this Township deems advisable, it may require any person discharging industrial wastes to install and maintain, his own expense, in a manner approved by this Township, a suitable device to continuously measure and record the pH of the wastes so discharged.
- H) Any water or waste containing toxic substances in quantities in excess of the following limits and measured at the point and time of discharge into the sewer system.

Substance	Maximum Permissible Concentration mg/l
Arsenic as As	0.1
Cyanide as Cn	0.1
Iron as Fe	5.0
Trivalent Chromium as Cr ⁺³	2.0
Hexavalent Chromium as Cr ⁺⁶	0.5
Nickel as Ni	1.0
Copper as Cu	1.0
Lead as Pb	0.5
Zinc as Zn	1.0
Cadmium as Cd	0.1
Mercury as Hg	0.1
Phenol as C ₆ H ₅ OH	0.5

Or any toxic substance that will affect the biological treatment processed of the sewage treatment works, will pass through the sewage treatment works and exceed State and Federal Environmental quality standards, or will adversely the quality of the sludge to be disposed from the sewage treatment works, or which in the opinion of the Township's engineer causes an adverse effect on the sewage treatment processes or the quality of the sewage treatment plan effluent.

- I) Any toxic radioactive isotopes, without special permit.
- J) Wastes containing more than 10 mg/l of any of the following gases: Hydrogen Sulfide, sulfur dioxide, nitrous oxide, or any of the halogens.

Section 2-104 Special Arrangement for Discharge of Industrial Waste.

No statement contained in this section shall be construed as prohibiting any special agreement or arrangement between the Township and any person whereby an industrial waste or unusual strength or character may be admitted into the sanitary sewers for treatment by the Township either before or after pretreatment, subject to payment therefore, provided that either singly or in combination with other wastes, Commonwealth Department of Environmental Resources or Federal Environment Protection Agency loading limitations for the sewage treatment plant are not exceeded.

ARTICLE III - INDUSTRIAL WASTES

Section 3-101 Treatment of Industrial Wastes.

The economy and desirability of the combined treatment of industrial wastes and sanitary sewage is recognized. However, not all types and quantities of industrial wastes can be so treated. Hence it shall be the established policy of the Township to admit these types and quantities of industrial wastes that are not harmful or damaging to the structures, processes or operation of the sewage works or are not specifically prohibited by this Article. It is also recognized that if to provide this service additional facilities are required, the cost of same must be borne by those persons receiving its benefits.

Section 3-102 Survey Data Required.

All users of the sewage system who propose to discharge industrial wastes into the public sewers, shall complete and file with the Township, a questionnaire which furnishes pertinent data, inclusive of quantity of flow and an analysis of the water discharged to the sewage treatment plant. Any person desiring to make a new connection or a change in the quality of an existing connection to the sewer system for the purpose of discharging industrial wastes to the public sewers, shall complete and file with the Township an industrial waste questionnaire which furnishes pertinent or predicted data inclusive of quantity of flow and analysis of the industrial waste to be discharged into the system.

Section 3-103 Industrial Waste Discharge Permit.

Upon review of the survey data supplied, the Township shall determine whether the industrial waste can be admitted to the sewer system and if an Industrial Waste Discharge Permit will be issued.

Section 3-104 Extension of Time.

When, due to the size or complexity of the waste disposal problem of an industry, it can be shown that it is impractical to meet the schedule imposed under Section 3-102 hereof, a request for an extension of time may be presented to the Township or its designated representative.

Section 3-105 Approval Required for Industrial Wastes.

In order to control the admission of industrial wastes, the toxic substance thereof shall be subject to the review and approval of this Township and a special rate established therefore, prior to the discharge into the sewer system, when such examination of review discloses:

- A) A five day 20 degree Centigrade B.O.D. greater than 250 mg/l; or
- B) A suspended solids content greater than 250 mg/l; or
- C) Any substance as determined by the Township's engineer to be adverse or potentially adverse to the Township's system.

Section 3-106 Sampling and Analysis.

Samples shall be taken at the control manhole and shall be a composite sample collected over a twenty-four hour period of industrial operation, or so as to be a truly representative sample of the actual quality of the wastes. Any analysis shall be made by a qualified sanitary engineer registered in Pennsylvania or qualified chemist in a DEP approved testing laboratory, using the laboratory methods for examination of industrial waste as set forth in the latest edition of "Standard Methods of Examination of Water and Sewage" as published by the American Public Health Service, or as set forth by DEP or EPA, as applicable. The Township shall be furnished a certified report of sample

analysis as often as specified by the Township. The Township representatives may sample and inspect the waste in order to verify the analysis being submitted by the industry. If the analysis by the Township determines the waste is not in substantial accordance with the analysis furnished and not in conformance with parameter limits of the wastes established in the Industrial Waste Discharge Permit, the industry shall be declared in violation of this Ordinance, and shall be subject to the penalty provisions of the Industrial Waste Discharge Permit.

Section 3-107 Separate Connection Required.

Any establishment discharging both sanitary sewage and industrial wastes into the sewage system must do so through separate connections.

Section 3-108 Control Manhole.

Any establishment discharging industrial wastes into the sewage system shall construct and maintain at his expense a suitable control manhole, or manholes, downstream from any treatment storage, or other approved works, to facilitate observation, measurement and sampling of all wastes, including domestic sewage, from the establishment. The control manhole or manholes shall be constructed at suitable and satisfactory locations and built in a manner approved by the Township engineer. The control manhole shall be accessible to the Township or its representatives at all times for sampling.

Section 3-109 Pretreatment.

When in the opinion of this Township, pretreatment of industrial wastes is required, the Owner shall provide such treatment at his own expense sufficient or necessary to meet with the approval of this Township.

Section 3-110 Inspections.

The Township and other duly authorized employees of the Township bearing proper credentials and identification shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing, in accordance with the provisions of this article.

Section 3-111 Metering.

Sewage and water metering is herewith authorized and may be required by this Township in those cases in which there is no other acceptable method of determining the volume of industrial wastes or sanitary sewage entering the sewerage system.

Section 3-112 Meters To Be Installed and Maintained.

Water or sewage meters for determining the volume of flows of industrial waste shall be installed, owned and maintained by the property owner subject to the right for this Township to test such apparatus at will. However, the property owner shall have the water and sewage meter certified for proper calibration every twelve (12) months and shall provide the Township with proof of said certification. The Township reserves the right to read and meter for billing purposes. Following the installation of such meters and approval of the installation by this Township, such meters may not be removed without the approval of said body.

ARTICLE IV - USE OF PUBLIC SEWER REQUIRED

Section 4-101 Sewers Constructed by Township

The board of supervisors may by ordinance require adjoining and adjacent property owners to connect with and use the sanitary sewer system, whether constructed by the township or a municipality Township or a joint sanitary sewer board. In the case of a sanitary sewer system constructed by the township pursuant to either Section 2501 or 2516 of the Act of May 1, 1933 (P.L. 103, No. 69, Reenacted and Amended November 9, 1995 (P.L. 350, No. 60), as amended, known as the "Second Class Township Code", the board of supervisors may impose and charge to property owners who desire to or are required to connect to the township's sewer system a connection fee, a customer facilities fee a tapping fee, and other similar fees, as enumerated and defined by the clause (i) of subsection B of section 4 of the act of May 2, 1945 (P.L. 382, No. 164), known as the "Municipality Authorities Act of 1945," as a condition of connection to a township-owned sewer collection, treatment or disposal facility. If any owner of property adjoining or adjacent to or whose principal building is within one hundred and fifty feet from the sanitary sewer fails to connect with and use the sanitary sewer for a period of sixty days after notice to do so has been served by the board of supervisors, either by personal service or by registered mail, the board of supervisors or their agents may enter the property and construct the connection. The board of supervisors shall send an itemized bill of the cost of construction to the owner of the property to which connection has been made, which bill is payable immediately. If the owner fails to pay the bill, the board of supervisors shall file a municipal lien for the cost of the construction within six months of the date of completion of the construction.

Section 4-102 Sewers Constructed by Developer or other private person or corporation

When an existing sanitary sewer system owned by or leased to a township is extended or altered at the expense of a developer or other private person or corporation under the supervision of the township or a municipality Township of the township, the board of supervisors may by ordinance or resolution take over the extension or alteration and compel all owners of property which is not already connected to an existing public sanitary sewer system and which is accessible to and whose principal building is within one hundred and fifty feet from the sanitary sewer extension to make connection therewith and use the sanitary sewer system as the board of supervisors may order.

Section 4-103 Notice.

A notice by this Township to make a connection to a sewer as referred to in Section 4-101, shall consist of a copy of this Ordinance, including any amendments at the time in effect, and written or printed document requiring such connection in accordance with the provisions of this Ordinance and specifying that such connections shall be made within sixty (60) days from the date such notice is given. Such notice may be given at any time after a sewer is in place which can receive and convey Sanitary Sewage and Industrial Waste for treatment and disposal from the particular Improved Property. Such notice shall be served upon the owner either by personal service or by registered mail or by such other method as at the time may be provided by the Township.

Section 4-104 Drainage into Cesspools, Sinkholes, Privy Vaults, Septic Tanks or Similar Receptacles Prohibited: Cleaning and Backfilling.

The drainage or depositing of sewage and house drainage into cesspools, sinkholes, privy vaults, septic tanks, or other sewage or drainage receptacles shall cease, and/or use for the disposal of sewage and house drainage shall be abandoned and they shall be cleaned, filled, and closed up at the expense of the Owner of the Improved Property and under the discretion and supervision of this Township. Any such privy vault, cesspool, sinkhole, septic tank, or similar receptacle not so abandoned, cleaned and filled shall constitute a nuisance and such nuisance shall be abated as provided by law at the expense of the Owner of such Improved Property.

Section 4-105 Cesspools or Privy Vaults not to be Connected to Sewers.

Unless provided for by the Township in writing, no privy vaults, cesspools, sinkholes, septic tanks or similar receptacle(s) shall be connected with any sewer and no privy vault, cesspool, sinkhole, septic tank or similar receptacle shall hereafter be constructed in any part of this district where the sanitary sewer is accessible.

Section 4-106 Corrosive or Explosives not to be Drained into Sewer System.

No person shall cause to be drained or permit to flow into the sanitary sewer system, any corrosive, volatile, suffocating, flammable or explosive liquid, gas, vapor, substance or other flammable material of any kind.

Section 4-107 Sewage not to be Discharged into Water Courses.

No customer shall discharge or permit to be discharged into any natural watercourse within the Township, any Sanitary Sewage or Industrial Waste.

Section 4-108 Straw and Garbage.

No person shall deposit or throw, or cause or permit to enter any sewer or drain connected therewith, or leading thereto, any straw, hay, shavings, scraps, any garbage that is not ground garbage, rags, or any filthy matter, or substance liable to cause any obstruction, nuisance or injury to the sewer.

ARTICLE V - APPLICATION FOR SERVICE, CONNECTION CHARGES AND CONNECTION REQUIREMENTS.

Section 5-101 Application for Connection.

Before any connection shall be made by any customer to the sewer system, an application for permission to connect shall be made in writing to the Township and a sewer connection permit shall be issued to the customer by the Township if there is capacity available within the system, its sewers and the treatment facility. The application shall be submitted in an official form prepared for this purpose, must be completely filled out in all parts, and signed by the customer or his duly authorized representative. The initial application shall be accompanied by the appropriate Tapping and Connection fee.

Section 5-102 Reservation of Capacity.

Whenever sewage capacity is to be reserved for a developer or property owner, said developer or property owner shall notify the Township in writing of his/her intention to reserve said capacity. The Township shall then prepare a Sewer Reservation Agreement for execution by the developer or property owner and for submission to the Township for approval along with one half of the tapping fee in effect at the time of the Agreement. The one half of the tapping fee is nonrefundable. The date of execution of the Sewer Reservation Agreement shall be the effective date of reservation of capacity. The capacity reserved as aforesaid shall be withdrawn at the expiration of two (2) years from the effective date of reservation under the terms of the Sewer Reservation Agreement. If connection to the sewer system is not made with the term of the Agreement, the reservation is forfeited, along with the one-half of the tapping fee.

Section 5-103 Tapping and Connection Fees.

At the time of application for issuance of a connection permit as required hereby, and prior to connecting to the sewer system, each customer or owner shall pay the appropriate tapping and connection fees to the Township for each such property connection. The approved minimum tapping fee and minimum connection fee in effect as of the date of this Ordinance are:

Tapping Fee	\$4,500 per EDU
Connection fee	\$150 per connection

The minimum Tapping Fee in effect as of the date of this Ordinance is stated above. The maximum Tapping Fee which could be charged, at the Discretion of Township Supervisors, is based on Exhibit A of this Ordinance (see page 11a).

Developers or property owners having executed a Sewer Reservation Agreement as set forth in Section 5-102, shall, at the time of application for issuance of a connection permit, pay the remainder of the tapping fee left over from the Sewer Reservation Agreement.

Section 5-104 Other Connections to Sewer Line.

No owner of any premises connected with the sewer line shall allow or permit any other persons or any other premises to use or connect with his service lateral or house connection except upon written permission by the Township.

Section 5-105 Responsibility of Customer.

The owner of the premises occupied and desiring to use the sanitary sewer system, shall be responsible for all sewage bills, the proper observance of the regulations set forth in this Ordinance, and such additional rules as this Township may promulgate from time to time.

Section 5-106 Separate House Connections.

Unless written permission is first obtained from the Township, a separate house connection will be required for each individual building or house, whether constructed as a detached unit or as one of a pair or row; upon written Township approval, a single house connection may be permitted to serve a school, a factory, an apartment, hotel, motel, or other permanent multiple unit structure whose individual apartments or units may not be subject or separate ownership.

Section 5-107 Disconnections.

Disconnections from the sewer system shall be applied for with the Township. A disconnection application shall be submitted along with a disconnection fee. The disconnection fee is hereby established to be \$150.

ARTICLE VI - SERVICE LATERALS, PROPERTY LATERALS, SEPTIC TANKS AND BUILDING SEWERS

Section 6-101 Supervision.

No sewer connection or disconnects shall be made except under permit after payment of the appropriate connection fee or disconnection fee, as is herein prescribed and under the supervision, control and approval of this Township. In addition to all other connection and disconnects, the provisions of this Section shall apply to the connection and disconnection of mobile homes to the system, including connection to the system where another mobile home had been previously placed.

<u>Year</u>	<u>New Connections</u> <u>Phase I* Phase I</u>	<u>Total</u> <u>Conn.</u>	<u>Tapping</u> <u>Fee</u>	<u>Unamortized</u> <u>Cost</u>	<u>less: Tap</u> <u>Fees</u>	<u>add:</u> <u>Interest</u>	<u>et Unamort</u> <u>Cost</u>		
1998	Existing Units	21	\$ 4,500	360,000	94,500	15,930	281,430		
1999	1	1	23	\$ 4,770	281,430	9,540	288,200		
2000	1	1	25	\$ 5,060	288,200	10,120	294,760		
2001	1	1	27	\$ 5,360	294,760	10,720	301,080		
2002	1	2	30	\$ 5,680	301,080	17,040	301,080		
2003	1	2	33	\$ 6,020	301,080	18,060	300,000		
2004	1	2	36	\$ 6,380	300,000	19,140	297,710		
2005	1	2	39	\$ 6,770	297,710	20,310	294,040		
2006	1	2	42	\$ 7,170	294,040	21,510	288,880		
2007	1	2	45	\$ 7,600	288,880	22,800	282,040		
2008	1	2	48	\$ 8,060	282,040	24,180	273,330		
2009	1	2	51	\$ 8,540	273,330	25,620	262,570		
2010	1	2	54	\$ 9,050	262,570	27,150	249,550		
2011	1	2	57	\$ 9,600	249,550	28,800	234,000		
2012	1	2	60	\$10,170	234,000	30,510	215,700		
2013	1	2	63	\$10,790	215,700	32,370	194,330		
2014	1	2	66	\$11,430	194,330	34,290	169,640		
2015	2	2	70	\$12,120	169,640	48,480	128,430		
2016	2	2	74	\$12,840	128,430	51,360	81,690		
2017	2	2	78	\$13,620	81,690	54,480	28,840	#REF!	#REF!
2018		2	80	\$14,420	28,840	28,840	-		
	22	37							

Present Value at 6.5 % = \$325,346
Equivalent annual payment \$29,527

* Including Reed Development

Revised 7/18/96

Section 6-102 Property Laterals, Septic Tanks and Building Sewers.

Property Laterals, Septic Tanks and Building Sewers from the service lateral to the building shall be installed by the property owner at his expense according to the specifications of this Township and of the material hereinafter prescribed. The owner shall indemnify and save harmless the Township from any loss or damage that may directly or indirectly be occasioned by the construction, installation and/or connection of these facilities.

Section 6-103 Excavation shall be Guarded with Barricades and Lights.

All excavations for Property Laterals, Septic Tanks and Building Sewers and Service Laterals shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored, at the cost and expense of the owner being connected, in a manner satisfactory to the Township.

Section 6-104 Kinds and Types of Pipes.

All sewer laterals and all Property Laterals, Septic Tanks and Building Sewers from the buildings to the service lateral hereinafter installed, shall have permanently tight joints as specified herein, a minimum grade of one-fourth (1/4") inch per foot unless permitted otherwise, best possible alignment, proper bedding and adequate cover as specified herein. They shall be constructed of an approved type of pipe in accordance with the latest revisions of the American Society for Testing and Materials (ASTM) as hereinafter set forth:

A) Service Laterals.

- 1) Polyvinyl Chloride (PVC)-Shall conform to ASTM D-3034 SDR 35 for gravity sewer pipe and shall be a minimum of 4 inches internal diameter. Joints shall be compression type with an "O" ring and groove.
- 2) Service weight cast iron pipe - Shall conform to ASTM A-7479 and shall be a minimum of four (4) inches internal diameter. Joints shall be "O" ring type compression joint, ASTM C-564.

B) Building Sewers and Property Laterals.

- 1) Polyvinyl Chloride (PVC) as specified under 6-106 (A) (1).
- 2) Service weight cast iron pipe- Shall conform to ASTM A-7479 and shall be a minimum of four (4) inches internal diameter. Joints shall be "O" ring type compression joint, ASTM C-564.
- 3) Connection of pipe of dissimilar materials shall be accomplished by using adapters recommended by the pipe manufacturers and approved by the Township's Consulting Engineer.
- 4) Each connection shall have a four (4) inch minimum clean-out with watertight plug and if the house connection line and clean-out is of such types as set forth in B-1, and 3, then the owner and/or contractor shall apply around the top six (6) inches of the clean-out pipe a metalized tape such as Terra-tape D manufactured by Griffolyn Co., Inc., or its equivalent, and the top of such clean-out shall be at the grade level of the yard. Said clean-outs shall be located every fifty (50) feet on the service lateral.
- 5) When connections to the main are made where there is no existing Y-branch or Tee, then the connection must be made by the use of a saddle specifically manufactured for connection to the existing sewer main material. The materials and method of installation shall be inspected by this Township's Sewer Inspector, his designee, or

other representative of this Township before the start of work, and the entire installation shall be inspected after the line connection is made and before it is covered. Work covered prior to inspection and approval is subject to being uncovered at owner's expense.

- 6) When the sewage sump pump type of connection is used, the following additional requirements shall be met:
 - a) Holding Tank - One piece concrete tank, or approved equal by Township engineer, with the interior and exterior coated with two applications of a sealant such as Koppers 300 M or a one piece fiberglass tank or steel tank placed on a four (4) inch reinforced concrete slab.
 - b) Force Main Piping
 - 1) Polyvinyl Chloride (PVC) - Shall conform to ASTM C-1784, Type I, Grade I, Class 160, SDR 26, and size shall be determined by good engineering practice. Sleeve type compression joint shall conform to ASTM D-2241 and shall be encased of 2 RC stone.
 - 2) Cast Iron Pipe - Shall conform to AWWA C-110, rated at 125 psig, minimum and size to be determined by good engineering practice, with mechanical joint or "O" ring type compression joint (AWWA C-111).
 - c) Clean-out - Shall comply with Section 6-106(B)(4). Force main must terminate 24 inches prior to clean-out. This portion of piping shall maintain gravity flow to the sewer main. No person shall deny access to or obstruct any clean-out.

C) Septic Tanks

- 1) Septic Tanks shall be precast reinforced concrete, Pennsylvania Department of Transportation Class A 3,300 psi, cement type 1A, ASTM C150 approximately 5.5 percent of entrapped air. Nominal size tank shall be 1,000 gallons except as listed in the Technical Manual for Sewage Enforcement Officers as published by the Department of Environmental Protection.
- 2) Septic Tanks that require Effluent Pumps shall have an additional pumping chamber of 500 gallon nominal capacity.
- 3) Septic Tanks shall have sealed concrete cover, inlet and outlet baffles and an inspection port before the inlet baffle.
- 4) Septic Tanks shall have openings for Septic Tank and Pumping Tank.
- 5) Septic Tank inlet and outlet pipes shall have couplings.

Section 6-105 Lines in Filled Ground.

Where ground has been filled in, or in wet places, pipe shall be placed on 12 inches of stone bedding compacted. All pipe shall be as specified under Section 6-105.

Section 6-106 Installation of Sewer Lines and Extensions.

The installation of all sewer lines and extensions shall be in compliance the latest edition of the Township Sewer Extension Construction Manual.

Section 6-107 Sewer Main Extensions.

No sewer main or lateral shall be extended except upon prior approval of the Township. Any such extension may only occur after the execution of a Sewer Extension Agreement.

Section 6-108 Abandoned Septic Tanks and Outhouses.

Abandoned septic tanks shall be removed or filled with sand or stones to avoid future collapse. Pits and privies under outhouses shall be backfilled and use discontinued.

Section 6-109 Repairs, Alterations and Additions.

A permit must be obtained to install, repair or alter any service lateral or house connections. This permit shall be issued by the Township and shall be valid for a period not exceeding 90 days. The owner is subject to an inspection fee for all work inspected by the Township or its representative. In the case of the inspection of a new house connection, two inspections are included in the connection fee charge. Additional inspections of new house connections, or inspections involving repair or alteration to any service lateral or house connections, will be subject to an inspection fee.

The inspection fee is charged at a rate of \$25 per hour.

A one hour minimum billing is required. After one hour, fees are charged in half hour increments.

Section 6-110 Inspection.

The construction of service laterals and house connections including repairs, alterations, and additions shall, at all times be subject to inspection of this Township's designee or representative and shall conform to the Township's specifications. The service lateral and house connections shall not be covered until authorized in writing by the Township's designee and all backfill of trenches shall be subject to inspection and shall be thoroughly compacted by tamping in six (6") inch layers to a minimum depth of twelve (12") inches above the pipe. No sewage shall be discharged into the main collection lines through newly constructed service laterals and house connections until the inspector has given approval to cover and has signed the permit.

Section 6-111 Disconnection by Township.

This Township shall have the right to close up or to disconnect from the Sewer System any service lateral, or house connection for the following reasons:

- A) Rainwater, surface water, ground water or objectionable matter - In the event it is determined that any sewer lateral is causing infiltration, the owner shall be given seven (7) days in which to correct the problem. If the owner fails to do so, and after three (3) days written notice, the Township may disconnect said lateral from its system. If, at a later date, the lateral is repaired and passes inspection, a disconnection and connection fee shall be charged.
- B) Non-Payment of Sewer Rents - For non-payment of sewer rents as the same may be provided by laws.
- C) Other Violations - For any other willful violations of the provisions of this Ordinance.

Disconnections by the Township are subject to the disconnection fee.

ARTICLE VII - SEWER BILLS, CALCULATIONS, CHARGES, COLLECTION

Section 7-101 Billing Period

Sewer bills shall be calculated on a quarterly basis unless otherwise specified.

Section 7-102 Billing Date

The Township shall mail the bill to the owner of the improved property at least fifteen (15) days before the due date. Failure to bill within said time period shall not extend the due date or discount period of any bill.

Section 7-103 Owners to be Billed

Bills and notices relating to the Township or its business shall be mailed or delivered to the owner's last known address as shown by the books of the Township, and the Township shall not be otherwise responsible for delivery.

Section 7-104 Date of Payment

If bills are paid by mail, the date on which such mail is received will be considered the date of payment.

Section 7-105 Penalties

Failure to receive a bill shall not exempt any owner from payment of such bill and penalties therein. The presentation of a bill to the owner is only a matter of accommodation and not a waiver of this rule.

Section 7-106 Late Assessments

All bills are due and payable within thirty (30) days of billing date; late payments are subject to late charge based on 18% per year.

Section 7-107 Discontinuance Because of Late Payments

If a bill is not paid within ninety (90) days from the date of the bill, a notice of discontinuance of service shall be given to the owner. Said notice will give an additional (30) days to pay said bill and penalties in full or the service will be shut off.

Section 7-108 Rates for Service

Quarterly rates for sewer service shall be as follows:

Charge for Residential Users on Private Water
Quarterly Charge - Flat Rate \$/EDU

\$100.00

ARTICLE VIII - ENFORCEMENT

Section 8-101 Lien on Properties

Sewer rates, rents and charges imposed by this Ordinance, to the extent permitted by law, shall be a lien on the property connected to and served by the Township's sewer system; and any such rates, rents and charges which shall be delinquent, to the extent permitted by law, shall be filed as a lien against the property so connected to and served by the sewer system, which lien shall be filed in the office of the Prothonotary of the appropriate County, and shall be collected in the manner provided by law for the filing and collecting of municipal claims.

Section 8-102 Representatives Authorized to Collect and Enforce

Proper representatives of the Township are authorized and directed to do all things and to take all legal action necessary, including filing of municipal claims in accordance with law, to enforce collection of sewer rates, rents and charges established and imposed hereby and otherwise to carry out provisions hereof.

ARTICLE IX - VIOLATIONS, PENALTIES, AMENDMENTS, SEVERABILITY, REPEALER AND EFFECTIVE DATE

Section 9-101 Violations

All persons violating any portion of this Sewer Use Ordinance will be in violation of these regulations. Notice of such violation shall be sent through the United States mails and if, after (30) days of elapsed time no action on the violation is taken, the house connection shall be disconnected and reconnection will not be made until after a correction of the violation has been made. The expense of disconnection and the expense of restoring the sewer service shall be a debt due the Township and a lien upon all the property of the user, and may be recovered by civil action in the name of the Township.

No person(s) shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any pipeline, structure, appurtenance or equipment of the Township. Any person(s) violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

The Township shall have the right to disconnect from the sewer system any house connection used for carrying rainwater, basement floor drains, surface water, groundwater or objectionable matter or whenever any violations of this Sewer Use Ordinance are committed.

Any person, partnership, or corporation who or which being the owner or agent of the owner of any Improved Property failing to make a proper connection to the sewer system within the time specified after receipt of proper notice or after obtaining a time extension or any person, partnership, or corporation providing false or incorrect information to the Township shall, upon conviction, be subject to the penalties described in the section below.

Section 9-102 Penalties

In addition to any penalty hereinabove prescribed, any person violating any of the provisions of this Sewer Use Ordinance shall upon conviction thereof before a District Justice be fined no more than Three Hundred (\$300.00 Dollars together with costs of prosecution in each case. Each day that a violation shall continue shall be deemed and shall be taken to be a separate offense and shall be punishable as such.

- A. The Township may initiate and maintain civil action; to enforce, at law or in equity, any of

the provisions of this Ordinance.

B. Nothing herein shall prevent the Township from taking such other action necessary to prevent or remedy any violation.

Section 9-102 Amendments

Provisions of this Ordinance may, from time to time, be amended through action of the Board of Supervisors in the manner provided by of the Pennsylvania Municipalities Planning Code or other agency having jurisdiction.

Section 9-103 Severability

The provisions of this Ordinance are severable and if any provisions, sentence, clause, section, part of application thereof shall be held illegal, invalid, or unconstitutional, such illegality, invalidity, or unconstitutionality shall not affect or impair any of remaining provision, sentence, clause, section, part or application. It is hereby declared to be the legislative intent of the Governing Body that this Ordinance would have been adopted had such illegal, invalid, or unconstitutionality provision, sentence, clause, section, or part had not been included herein and if such illegal, invalid or unconstitutional application had been specifically exempted therefrom.

Section 9-104 Repealer

All ordinances or parts of ordinances inconsistent herewith are hereby repealed. Nothing in this Ordinance hereby adopted shall be construed to affect any suit or proceeding now pending in any court or any right accrued, or liability incurred, or any cause or causes of action accrued or existing, under any ordinance repealed by this Ordinance. Nor shall any right or remedy of any character be lost, impaired or affected by this Ordinance.

Section 9-105 Effective Date

This Ordinance shall become effective from and after 30 days after its publication as required by law. Enacted and Ordained into an Ordinance this 2 day of March 1998.

Hopewell Township Supervisors

(seal)

Gerald L. Furr
Chairman

Michael E. Furr
Supervisor

Dan Brown
Supervisor

Attest:

Karen M. Lause
Secretary to Hopewell Township Supervisors