

Chapter 18

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Part 1**Sewer Connections****A. Definitions.****§18-101. Definitions.**

Unless the context specifically and clearly indicates otherwise, the meaning of terms and phrases used in this Part shall be as follows:

Authority—Troy Borough Municipal Authority, a Pennsylvania municipality authority.

Borough—Borough of Troy, Bradford County, Pennsylvania, a political subdivision, acting by and through its Borough Council or, in appropriate cases, by and through its authorized representatives.

Commercial user—all retail stores, restaurants, office buildings, laundries and other private business and service establishments.

Improved property—any property located within the sewer service area upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure sanitary sewage and/or industrial wastes shall be or may be discharged.

Industrial user—shall include any nongovernmental, nonresidential user of publicly owned treatment works which is identified in the “Standard Industrial Classification Manual,” 1972, Office of Management and Budget, as amended and supplemented, under the following divisions: Division A—Agriculture, Forestry and Fishing; Division B—Mining; Division D—Manufacturing; Division E—Transportation, Communications, Electric, Gas and Sanitary; and Division I—Services.

Industrial wastes—any solid, liquid or gaseous substance or form of energy ejected or escaping in 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.

Lateral—that part of the sewer system extending from a sewer main to sewer drainage system of any structure.

Owner—any person vested with ownership, legal or equitable, sole or partial, of any improved property.

Person—any individual, partnership, company, association, society, corporation or other group or entity.

Residential user—any contributor to the Borough's treatment works whose lot, parcel or real estate or building is used for domestic dwelling purposes only.

Sanitary sewage—normal water-carried household and toilet wastes from any improved property.

Sewer—any pipe or conduit constituting a part of the sewer system, used or usable for sewage collection purposes.

Sewer system—all facilities, as of any particular time, for collecting, pumping, transporting, treating and disposing of sanitary sewage and industrial wastes, situate in this Borough or in adjacent townships, owned by the Authority and leased to this Borough for operation and use.

Street or highway—includes any highway, street, road, lane, alley, court or public square.

(Ord. 87-4, 4/20/1987, §1.01)

B. Use of Public Sewers Required.**§18-111. Connection to Sewer.**

The owner of any improved property abutting on or adjoining any street or highway in which a sewer is located shall connect such improved property therewith, in such manner as this Borough may require, within 60 days after notice to such owner from this Borough to make such connection, for the purpose of discharge of all sanitary sewage and industrial wastes from such improved property, subject to such limitations and restrictions as shall be established by this Borough, from time to time.

(Ord. 87-4, 4/20/1987, §2.01)

§18-112. Sanitary Sewage and Industrial Wastes.

All sanitary sewage and industrial wastes from any improved property, after connection of such improved property with a sewer shall be required under §18-111, shall be conducted into a sewer, subject to such limitations and restrictions as shall be established herein or as otherwise shall be established by this Borough from time to time.

(Ord. 87-4, 4/20/1987, §2.02)

§18-113. Sanitary Sewage and Industrial Wastes Placed on Public or Private Property; Discharges into Natural Outlets.

1. No person shall place or deposit, or permit to be placed or deposited, upon public or private property within this Borough any sanitary sewage or industrial wastes in violation of §18-111.

2. No person shall discharge, or permit to be discharged to any natural outlet within this Borough any sanitary sewage or industrial wastes in violation of §18-111, except where suitable treatment has been provided which is satisfactory to this Borough.

(Ord. 87-4, 4/20/1987, §2.03)

§18-114. Privy Vaults, Cesspools, Sinkholes and Septic Tanks.

1. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or maintained at any time upon any improved property which has been connected to a sewer or which shall be required under §18-111 to be connected to a sewer.

2. Every such privy vault, cesspool, sinkhole, septic tank or similar receptacle in existence shall be abandoned and, at the discretion of this Borough, shall be cleansed and filled at the expense of the owner of such improved property and under the direction and supervision of this Borough; and any such privy vault, cesspool, sinkhole, septic tank or similar receptacle not so abandoned and, if required by this Borough, cleansed and filled, shall constitute a nuisance and such nuisance may be abated as provided by law, at the expense of the owner of such improved property.

(Ord. 87-4, 4/20/1987, §2.04)

§18-115. Connection of Receptacles.

No privy vault, cesspool, sinkhole, septic tank or similar receptacle at any time

shall be connected with a sewer.

(Ord. 87-4, 4/20/1987, §2.05)

§18-116. Notice to Connect.

The notice by this Borough to make a connection to a sewer, referred to in §18-111, shall consist of a copy of this Part, including any amendments at the time in effect, or a brief summary of each Section thereof, and a written or printed document requiring such connection in accordance with the provisions of this Part and specifying that such connection shall be made within 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 wastes 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 law.

(Ord. 87-4, 4/20/1987, §2.07)

§18-117. New Connection.

No new connection to the sewer system will be permitted unless there is sufficient capacity (not legally committed to other users) to adequately convey and treat the wastewater which the new connection will discharge.

(Ord. 87-4, 4/20/1987, §2.07)

C. Laterals and Connections.**§18-121. Permit.**

No person shall uncover, connect with, make any opening into or use, alter or disturb, in any manner, any sewer or the sewer system without first making application for and securing a permit, in writing, from this Borough.

(*Ord. 87-4, 4/20/1987, §3.01*)

§18-122. Application for Permit.

Application for permit required under §18-121 shall be made by the owner of the improved property to be served, or his duly authorized agent.

(*Ord. 87-4, 4/20/1987, §3.02*)

§18-123. Conditions for Connection.

No person shall make or cause to be made a connection of any improved property with a sewer until such person shall have fulfilled each of the following conditions:

A. Such person shall have notified the Secretary of this Borough of the desire and intention to connect such improved property to a sewer.

B. Such person shall have applied for and obtained a permit as required by §18-132.

C. Such person shall have given the Secretary of this Borough at least 24 hours notice of the time when such connection will be made so that this Borough may supervise and inspect the work of connection and necessary testing.

D. Such person shall have paid to the Troy Borough Manager, or his designee, the a sum in an amount to be established, from time to time, by resolution of Borough Council as a tapping fee in the case of a single-family residence or a single occupant commercial property and an amount to be established, from time to time, by resolution of Borough Council per apartment or commercial occupant in the case of multifamily residences or multi-occupant commercial properties as a tapping fee. In addition thereto, the applicant shall pay to the Borough Manager, or his designee, the cost of all materials used or consumed by the Borough in association with the connection of the improved property to the community sewer system.
[A.O.]

E. Opening and closing of State or Borough roads will be paid by the land owner by actual costs. [A.O.]

(*Ord. 87-4, 4/20/1987, §3.03; as amended by Ord. 12/20/1993, §1; and by A.O.*)

§18-124. Grouping.

Except as otherwise provided in this Section, each improved property shall be connected separately and independently with a sewer through a building sewer. Grouping of more than one improved property on one building sewer shall not be permitted, except under special circumstances and for good sanitary reasons or other good cause shown, and then only after special permission of this Borough, in writing, shall have been secured and subject to such rules, regulations and conditions as may be prescribed by this Borough.

(*Ord. 87-4, 4/20/1987, §3.04*)

§18-125. Costs and Expenses.

All costs and expenses of construction of a building sewer and all costs and expenses of connection of a building sewer to a sewer shall be borne by the owner of the improved property to be connected; and such owner shall indemnify and save harmless this Borough and the Authority from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a building sewer or of connection of a building sewer to a sewer.

(*Ord. 87-4, 4/20/1987, §3.05*)

§18-126. Connection at Main.

1. A building sewer shall be connected to a sewer at the place designated by this Borough or the Authority and where the lateral is provided. The building sewer shall be constructed of materials and in such manner as the building and plumbing codes require.

2. The invert of a building sewer at the point of connection shall be at the same or a higher elevation than the invert of the sewer. A smooth, neat joint shall be made and the connection of a building sewer to the lateral shall be made secure and watertight.

(*Ord. 87-4, 4/20/1987, §3.06*)

D. Rules and Regulations Governing Building Sewers and Connections to Sewers.**§18-131. Existing House Sewer Line.**

Where an improved property, at the time connection to a sewer is required, shall be served by its own sewage disposal system or device, the existing house sewer line shall be broken on the structure side of such sewage disposal system or device and attachment shall be made, with proper fittings, to continue such house sewer line as a building sewer.

(*Ord. 87-4, 4/20/1987, §4.01*)

§18-132. Discharges into Sewer System.

From and after the effective date of this Part, it shall be unlawful to:

A. For any person to discharge or permit to be discharged into any public sewer system any roof or surface water, or the flow from any groundwater collection system or any matter determined by the Borough to be dangerous or harmful to, or the discharge of which into a public sewer system would adversely affect, the public sewer system or its functioning, or the process of sewage treatment and disposal; or to discharge or to permit to be discharged into any public sewer system any industrial or process waste which is not preliminarily treated in a manner to make it acceptable and harmless to the public sewer system or the Borough storm sewer system and to the processes of sewage treatment and disposal.

B. For any person to discharge any roof or surface water by any pipes completely or partially buried under the surface of the ground without first exhibiting such pipes to the Borough Manager of the Borough of Troy, or his appointed representative, for inspection to assure that the said water does not discharge into the Borough sewer system.

C. All persons presently discharging roof or surface water by pipes completely or partially buried under the surface of the ground shall exhibit to the Borough Manager, or his appointed representative, the ultimate destination of such water, and if the said ultimate destination is the Borough public sewer system, the said pipes shall be disconnected from the Borough public sewer system within 15 days of the Borough's written demand therefor, at the expense of the person or entity so discharging the said water.

(*Ord. 87-4, 4/20/1987, §4.02; as amended by Ord. 92-3, 6/8/1992*)

§18-133. Inspection and Approval.

No building sewer shall be covered until it has been inspected and approved by this Borough. If any part of a building sewer is covered before so being inspected and approved, it shall be uncovered for inspection at the cost and expense of the owner of the improved property to be connected to a sewer.

(*Ord. 87-4, 4/20/1987, §4.03*)

§18-134. Maintenance.

Every building sewer of any improved property shall be maintained in a sanitary

and safe operating condition by the owner of such improved property.

(*Ord. 87-4, 4/20/1987, §4.04*)

§18-135. Excavation.

Every excavation for a lateral shall be guarded adequately with barricades and lights to protect all persons from damage and injury. Streets, sidewalks and all other public property disturbed in the course of installation of a building sewer shall be restored, at the cost and expense of the owner of the improved property being connected, in a manner satisfactory to this Borough.

(*Ord. 87-4, 4/20/1987, §4.05*)

§18-136. Unsatisfactory Conditions.

If any person shall fail or refuse, upon receipt of a notice from this Borough or the Authority, in writing, to remedy any unsatisfactory conditions with respect to a building sewer, within 60 days of receipt of such notice, this Borough may refuse to permit such person to discharge sanitary sewage and industrial wastes into the sewer system until such unsatisfactory conditions shall have been remedied to the satisfaction of this Borough.

(*Ord. 87-4, 4/20/1987, §4.06*)

§18-137. Additional Rules and Regulations Relating to Connections.

This Borough reserves the right to adopt, from time to time, additional rules and regulations as it shall deem necessary and proper relating to connections with a sewer and the sewer system, which additional rules and regulations, to the extent appropriate, shall be, and shall be construed as, a part of this Part.

(*Ord. 87-4, 4/20/1987, §4.07*)

§18-138. Sewer Rentals.

All users shall pay sewer rentals for the sewerage service furnished by the Borough, based on the current schedule of rates and in accordance with the classification and other provisions below set forth.

A. Except as otherwise provided in this Section, the amount of sewerage service furnished to each user shall be deemed to be equal to the amount of water supplied to that user by the Borough or other water system; and the consumption of sewerage service, expressed in terms of gallons per month, shall, except as otherwise provided in this Section, be equal to the consumption of water as metered by the water service. The Borough will administratively impose charges for sewer rental on users of unmetered private water supplies.

B. Annual sewer rentals shall be due at the current quarterly rates from all users who discharge sewage containing no process or industrial waste or other matter more concentrated than domestic sewage, as determined in accordance with the regulations of the User Charge Ordinance [Part 2].

C. The sewer rental charges are subject to a penalty of 10 percent on the fifteenth day after the date of billing if not paid by that time.

(*Ord. 87-4, 4/20/1987, §4.08*)

§18-139. Harmful Discharges.

The Borough reserves the right to refuse permission to connect to the sewer system, to compel discontinuance of use of the sewer system or to compel pretreatment of wastewaters by any industry in order to prevent discharges deemed to be harmful, or to have a deleterious effect upon any portion of the sewer system. The Borough reserves the right to recover costs to repair or replace facilities damaged by discharges of substances by industrial users.

(Ord. 87-4, 4/20/1987, §4.09)

§18-140. Prior Approval.

1. No wastewaters in any of the following categories shall be discharged from any improved property into the sewer system without the prior approval of the Borough:

- A. Industrial wastes having a BOD greater than 300 mg/l.
- B. Industrial wastes having a content of suspended solids greater than 350 mg/l.
- C. Industrial wastes having a COD greater than 600 mg/l.
- D. Ammonia nitrogen - NH_3N - 50 mg/L.
- E. Industrial wastes slugs having an average daily flow greater than 5 percent of the average daily waste flow at the sewage treatment plant receiving wastes from the sewer system.
- F. Any sewage, industrial wastes or other matter or substance:
 - (1) Having a temperature higher than 150°F or less than 32°F.
 - (2) Containing more than 100 mg/l of fat, oil or grease.
 - (3) Containing any gasoline, benzene, naphtha, fuel oil, paint products, acid or other inflammable or explosive liquids, solids or gases.
 - (4) Containing unground garbage.
 - (5) Containing any ashes, cinders, sand, mud, straw, shaving, metals, glass, rags, feathers, tar, plastics, wood, whole blood, paunch manure, bentonite, lye, building materials, rubber, hair, bones, leather, porcelain, china, ceramic wastes or other solid or viscous substances capable of causing obstruction or other interference with the operation of the sewer system or the sewage treatment plant receiving wastes from the sewer system.
 - (6) Having a pH, stabilized, lower than 6.0 or higher than 9.0, or having any other corrosive property capable of causing damage or hazard to structures, equipment, bacterial action or personnel.
 - (7) Containing a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process, to constitute a hazard to humans or animals or to create any hazard in the receiving waters of the sewage treatment plant receiving wastes from the sewer system.
 - (8) Containing total solids of such character and quantity that unusual attention or expense is required to handle such materials in the operation of the sewer system or the sewage treatment plant receiving wastes from the sewer system.
 - (9) Containing noxious or malodorous gas or a substance which creates

a public nuisance.

(10) Containing dye from any source that will not have an effluent the equivalent of that produced by alum coagulation and chlorination to remove suspended or colloidal matter and bleach the dissolved dyes.

(11) Containing radioactive substances and/or isotopes.

(12) Containing wastes which are not amenable to biological treatment or reduction in existing treatment facilities, specifically nonbiodegradable complex carbon compounds or substances applicable to the Federal categorical pretreatment standards in excess of the quantity prescribed in those standards. The following is a calculation of local limits:

Cadmium	1.3299 mg/L
Chromium	1.0625 mg/L
Copper	0.2125 mg/L
Cyanide	0.0865 mg/L
Lead	0.9884 mg/L
Mercury	0.0161 mg/L
Nickel	1.0625 mg/L
Silver	0.0967 mg/L
Zinc	0.3400 mg/L

(13) Containing concentrations of anions, cations and other various objectionable substances.

(14) Containing heavy metals of such quantity that disposal of sewage sludge by land application to agricultural crop land would be unacceptable to the regulatory agency having jurisdiction.

2. Under special agreement, mass limits instead of concentration limits of specific substances may be required of some industrial users.

3. Nothing in this Part shall be construed as preventing any agreement with any user of the wastewater facilities whereby wastewater of unusual strength is accepted into the system and specially treated, subject to any payments or user charges as may be applicable.

(Ord. 87-4, 4/20/1987, §4.10)

§18-141. Regulating Devices.

The Borough reserves the right to require nonresidential establishments having large variations in rates of wastewater discharge to install suitable regulating devices for equalizing wastewater flows to the sewer system.

(Ord. 87-4, 4/20/1987, §4.11)

§18-142. Observation, Measurement and Sampling of Wastewaters.

When directed by the Borough, owners of industrial establishments shall install,

pay for and maintain a manhole and such other devices as may be approved by the Borough to facilitate observation, measurement and sampling of wastewaters discharged to the sewer system. The Borough or its duly authorized representative, at all reasonable times, shall be permitted to enter upon any and all properties for the purpose of inspecting, observing, measuring and sampling wastewaters discharged to the sewer system. Sampling methods, times and durations will be determined on an individual basis.

(*Ord. 87-4, 4/20/1987, §4.12*)

§18-143. Industrial Users.

1. Owners of industrial establishments desiring to discharge industrial wastes to the sewer system shall obtain a permit from the Borough to do so.¹ Applications for a permit to discharge industrial wastes shall be accompanied by all information requested by the Borough for the determination of industrial wastes volumes, characteristics and constituents. The cost for obtaining such information shall be borne by the owner of the industrial establishment. The owner may be required to submit periodic information deemed necessary for determination of compliance with this Part, NPDES permit conditions and State and Federal laws. Any information submitted by an industrial user to the Borough will be kept confidential.

2. The owner of any industrial establishment which is connected to the sewer system who plans to change operations so as to materially alter the characteristics and volumes of wastewaters discharged to the sewer system shall notify the Borough in writing at least 20 days before making such connections or changing its operations.

(*Ord. 87-4, 4/20/1987, §4.13*)

§18-144. Interceptors.

When directed by the Borough, grease, oil and sand interceptors or traps shall be provided where, in the opinion of the Borough, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, any flammable wastes, sand and other harmful ingredients. All interceptors shall be of a type and capacity acceptable to the Borough, and shall be located as to be readily and easily accessible for cleaning and inspection.

(*Ord. 87-4, 4/20/1987, §4.14*)

§18-145. Other Discharges.

No person shall discharge or cause to be discharged to any sewer, without prior written approval of the Borough, any stormwater, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water or unpolluted industrial process water. Where existing surface water or roof drains are connected, directly or indirectly, to the sewer system, they shall be removed within 30 days of receipt of a notice from the Borough to remove said connection.

(*Ord. 87-4, 4/20/1987, §4.15*)

¹Editor's Note: The application for wastewater discharge permit is on file at the Borough office.

§18-146. Additional Rules and Regulations for Operation of Sewer System.

This Borough reserves the right to adopt, from time to time, such additional rules and regulations as it shall deem necessary and proper in connection with use and operation of the sewer system, which rules and regulations shall be, shall become and shall be construed as part of this Part.

(Ord. 87-4, 4/20/1987, §4.16)

§18-147. Special Agreement.

Nothing contained in this Part shall be construed as prohibiting any special agreement or arrangement between the Borough and any person whereby industrial wastes of unusual strength or character may be admitted into the sewer system.

(Ord. 87-4, 4/20/1987, §4.17)

§18-148. Users Outside the Borough.

Any user of the sewer system located outside the Borough shall be subject to the rules and regulations contained in this Part the same as if they were located inside the Borough.

(Ord. 87-4, 4/20/1987, §4.18)

E. Enforcement.**§18-151. Penalty.**

Any person, firm or corporation who shall violate any provision of this Part shall, upon conviction thereof, be sentenced to pay a fine of not more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation of this Part continues shall constitute a separate offense.

(Ord. 87-4, 4/20/1987, §5.01)

§18-152. Disconnection of Users Outside of Borough.

Any user of the sewer system located outside the Borough who shall violate the rules and regulations contained in this Part shall be subject to termination of service and disconnection from the sewer system.

(Ord. 87-4, 4/20/1987, §5.02)

§18-153. Fines and Costs.

Fines and costs imposed under provisions of this Part shall be enforceable and recoverable in the manner at the time provided by applicable law.

(Ord. 87-4, 4/20/1987, §5.03)

F. Declaration of Purpose.**§18-161. Declaration of Purpose.**

It is declared that the enactment of this Part is necessary for the protection, benefit and preservation of the health, safety and welfare of the inhabitants of this Borough.

(Ord. 87-4, 4/20/1987, §8.01)

§18-162. Fees, Penalties and Charges.

All fees, penalties and charges collected shall be used for the purpose of operating, maintaining and replacement of the wastewater facilities or the retirement of debt incurred for same.

(Ord. 87-4, 4/20/1987, §8.02)

Part 2**Wastewater Treatment****A. Definitions.****§18-201. Definitions.**

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

Ammonia nitrogen (NH₃N)—the quantity of nitrogen in the form of ammonia, expressed in mg/l, that is present in sanitary sewage or industrial waste. The standard laboratory procedure shall be that found in the latest edition of “Standard Methods for the Examination of Water and Wastewater,” published by the American Public Health Association.

Authority—Troy Borough Municipal Authority, a Pennsylvania municipality authority.

BOD (biochemical oxygen demand)—the quantity of oxygen, expressed in mg/l, utilized in the biochemical oxidation of organic matter under standard laboratory procedure for 5 days at 20 degrees Centigrade. The standard laboratory procedure shall be that found in the latest edition of “Standard Methods for the Examination of Water and Wastewater,” published by the American Public Health Association.

Borough—Borough of Troy, Bradford County, Pennsylvania, a political subdivision, acting by and through its Borough Council or, in appropriate cases, by and through its authorized representatives.

COD (chemical oxygen demand)—the quantity of oxygen expressed in mg/l, utilized in the chemical oxidation of organic matter under standard laboratory procedure.

Commercial establishments—any improved property used, in whole or in part, for sale, storage and/or distribution of any product, commodity, article or service.

Improved property—any property on which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure sanitary sewage and/or industrial wastes shall be or may be discharged.

Industrial establishments—any premises used wholly or in part for the manufacture, processing, cleaning, laundering or assembly of any product, commodity or article or from which any process waste, as distinct from sanitary sewage, shall be discharged.

Industrial wastes—any solid, liquid or gaseous substance or form of energy ejected or escaping in 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.

MG/L—milligrams per liter.

Nonresidential establishment—any improved property not classified as a residential establishment.

Owner—any person vested with ownership, legal or equitable, sole or partial, of any improved property.

Person—any individual, partnership, firm, company, association, society, corporation or other group or entity.

pH—the logarithm of the reciprocal of the weight of hydrogen ions, expressed in grams per liter of solution, which indicates the degree of acidity or alkalinity of a substance. A stabilized pH will be considered as a pH which does not change beyond the specified limits when the waste is subjected to aeration. It shall be determined by one of the accepted methods described in the latest edition of “Standard Methods for Examination of Water and Wastewater,” published by the American Public Health Association.

Residential establishment—any room, group of rooms, house trailer or other enclosure occupied or intended for occupancy as separate living quarters by a family or other group of persons living together or by persons living alone.

Sanitary sewage—normal water-carried household and toilet wastes from any improved property.

Sewer—any pipe or conduit constituting a part of the sewer system, used or usable for sewage collection purposes.

Sewer system—all facilities, as of any particular time, for collecting, pumping, transporting, treating and/or disposing of sanitary sewage and/or industrial wastes, situate in this Borough or in adjacent Townships, owned by the Authority and leased to this Borough for operation and use.

Slug—any discharges of water, sanitary sewage or industrial wastes which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than 15 minutes more than five times the average 24-hour concentration or flow during normal operation.

Suspended solids (SS)—solids that either float on the surface of, or are in suspension in, water, sanitary sewage, industrial wastes or other liquids and which are removable by laboratory filtering.

Water company—the Troy Borough Water Department or any other private or public water company or any other municipality, municipality authority, political subdivision or other political agency providing water service to sewered areas of the Borough or adjacent Townships.

(Ord. 87-3, 4/20/1987, §1.01)

B. Sewer Rentals or Charges.

§18-211. Rates and Classifications.

Sewer rentals or charges are imposed upon and shall be collected from the owner of each improved property connected to the sewer system, for use of the sewer system, whether such use shall be direct or indirect, in accordance with the following schedule of rates and classifications:

A. Residential Establishments.

(1) All owners of sewer residential establishments shall pay quarterly sewer rentals or charges based upon actual water consumption with exceptions as hereinafter noted. Each residential establishment in a double house, in a row of connecting houses or in an apartment shall be billed as a separate entity. All sewer rentals based upon water consumption shall be computed in accordance with the following rates:

Water Consumption Per Quarter Annum	Rental Rate Per Quarter Annum
First 2,000 gallons	\$9.80
Over 2,000 gallons	\$4.90 per 1,000 gallons

(2) All owners of sewer residential establishments not having a metered water source shall pay quarterly sewer rentals or charges based upon the number of persons residing in, occupying or using the residential establishment. All sewer rentals based upon water consumption shall be computed in accordance with the following rates:

Number of Persons	Rental Rate Per Quarter Annum
1	\$27.25
2	\$32.85
3	\$49.28
4	\$65.70
5	\$82.13
6 or more	\$16.425 per person

(3) The volume of water to be used for billing sewer rentals or charges to owners of residential establishments connected to the sewer system shall include any and all water purchased from any water company and all water obtained from any other source (wells, streams, etc.) as determined (a) by meters installed and maintained by any water company; or (b) by meters installed and maintained by the Borough; or (c) by meters installed and maintained by the owner of the residential establishment, as approved by the Borough; or (d) from estimates or measurements made by the Borough.

B. Nonresidential establishments (including all commercial establishments

and all industrial establishments).

(1) All owners of sewer nonresidential establishments shall pay sewer rentals or charges based upon actual water consumption with exceptions as hereinafter noted. All sewer rentals based upon water consumption shall be computed in accordance with the same rates as residential establishments with exceptions as hereinafter noted.

(2) The volume of water to be used for billing sewer rentals or charges to owners of nonresidential establishments connected to the sewer system shall include any and all water purchased from any water company and all water obtained from any other source (wells, streams, etc.) as determined (a) by meters installed and maintained by any water company; or (b) by meters installed and maintained by the Borough; or (c) by meters installed and maintained by the owner of the nonresidential establishment, as approved by the Borough; or (d) from estimates or measurements made by the Borough.

(3) Exclusion from the sewer system of non-contaminated wastewaters may be required of a nonresidential establishment by the Borough, or such exclusion may be optional with the owner if not required by the Borough. When such wastewaters are excluded, or when any other portion of the water consumption of a nonresidential establishment does not reach the sewer system, sewer rentals shall be based upon total water consumption, less water excluded, at rates set forth under paragraph .A(1) of this Section and, as may be applicable, as set forth in paragraph .B(4) of this Section. Water excluded shall be determined from meters installed and maintained by the owner as required and approved by the Borough or from estimates made by the Borough or the owner may elect to measure wastewater volumes actually discharged to the sewer system as hereinafter provided. The Borough may require the owner of an industrial establishment, or the owner of an industrial establishment may elect to install, pay for and maintain a meter approved by the Borough for measuring quarterly wastewater volumes discharged to the sewer system, in which case sewer rentals shall be based upon the actual volume of wastewaters so metered at the rates set forth under paragraph .A(1) of this Section and, as may be applicable, as set forth in paragraph .B(4) of this Section.

(4) The owner of an industrial establishment discharging industrial wastes to the sewer system having a BOD concentration greater than 300 mg/l, a suspended solids concentration greater than 350 mg/l, and/or an ammonia nitrogen concentration greater than 50 mg/l shall pay a strength of waste surcharge, in addition to applicable volume charges, to be calculated as follows:

Determination of “Per Unit” Treatment Charges

Plant Loadings (concentration)

Average Flow = 150,000 gallons per day (0.150 MG)

BOD Influent = 250 mg/l

SS Influent = 250 mg/l

NH₃N Influent = 25 mg/l

Plant Loadings (mass units)

$$\text{BOD} = 0.150 \text{ MG} \times 250 \text{ mg/l} \times 8.34 = 312.75 \text{ lbs/day}$$

$$\text{SS} = 0.150 \text{ MG} \times 250 \text{ mg/l} \times 8.34 = 312.75 \text{ lbs/day}$$

$$\text{NH}_3\text{-N} = 0.150 \text{ MG} \times 25 \text{ mg/l} \times 8.34 = 31.28 \text{ lbs/day}$$

Per Unit Charges

$$\text{BOD}_x = \frac{\$22,831}{312.75 \text{ lbs./day} \times 365 \text{ days / year}} = \$0.15000 = \$150.00 / 1,000 \text{ lbs.}$$

$$\text{SS}_x = \frac{\$22,831}{312.75 \text{ lbs./day} \times 365 \text{ days / year}} = \$0.20000 = \$200.00 / 1,000 \text{ lbs.}$$

$$\text{NH}_3 = \frac{\$41,789}{31.28 \text{ lbs./day} \times 365 \text{ days / year}} = \$3.66018 = \$3,660.18 / 1,000 \text{ lbs.}$$

Surcharge Formula

$$S_Q = 0.00834 Q_1 [\text{BOD}_x (\text{BOD}_I - 300) + \text{SS}_x (\text{SS}_I - 350) + \text{NH}_3\text{-N}_x (\text{NH}_3\text{-N}_I - 50)]$$

Where:

S_Q = the annual strength of waste surcharge for a particular industrial establishment.

Q_1 = the flow, in million gallons per day, of the industrial waste discharged by a particular industrial establishment.

BOD_x = the cost of wastewater treatment associated with BOD removal in dollars per 1000 lbs. at the Troy wastewater treatment plant.

BOD_I = the BOD concentration in milligrams per liter of the industrial waste discharge by a particular industrial establishment.

SS_x = the cost of wastewater treatment associated with suspended solids removal in dollars per 1000 lbs. at the Troy wastewater treatment plant.

SS_I = the suspended solids concentration in milligrams per liter of the industrial waste discharged by a particular industrial establishment.

NH_3-N_x = the cost of wastewater treatment associated with ammonia nitrogen removal in dollars per 1000 lbs. at the Troy wastewater treatment plant.

NH_3-N_i = the ammonia nitrogen concentration in milligrams per liter of the Industrial waste discharged by a particular industrial establishment.

(5) The industrial waste surcharge formula will be updated annually to reflect the previous year's plant loading and budget figures. The surcharge formula is designed to give the Borough a system of recovering the cost to treat the extra strength portion of the individual industrial establishment's wastewater.

(6) The surcharge rate shall be applicable to all sewer rental billings. The quantity and costs to treat industrial wastes to be used for establishing the surcharge rate shall be determined annually based upon an average from the preceding year's sampling and analysis of the wastes, conducted during a period of normal plant operation. In establishing industrial waste strengths for surcharge purposes by analysis, analyses shall be made in accordance with procedures outlined in the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association. Owners of industrial establishments discharging sanitary sewage and/or industrial wastes to the sewer system shall furnish the Borough upon request all information deemed essential by the Borough for the determination of applicable sewer rental surcharges for excess strength wastes. The cost of obtaining such information and the cost of all analyses shall be borne by the owner of the industrial establishment.

C. *Minimum Charges.* Notwithstanding any other provisions contained herein, all owners of residential and nonresidential establishments connected to the sewer system shall be required to pay a minimum sewer rental of \$8 per quarter annum.

D. *Additional Classifications.* Additional classifications and sewer rentals or modifications of the aforementioned schedule of sewer rates may be established by the Borough from time to time as deemed necessary.

E. *Multiple Establishments.* A separate sewer rental charge shall be made for each residential and/or nonresidential establishment located on the same improved property, regardless of whether or not the improved property is served by a single lateral or is under single ownership. Likewise, if a single building is being used as a residential establishment and also for a nonresidential use, a separate sewer rental charge shall be made for each type of use.

F. *Special Agreements.* Nothing contained herein shall be construed as prohibiting special agreements between this Borough and owners of nonresidential improved properties under conditions and circumstances making special agreements advisable and necessary.

(Ord. 87-3, 4/20/1987, §2.01)

C. Billing.**§18-221. Billings.**

Billings for unmetered improved properties shall be rendered quarterly on the first days of January April, July and October of each year. Billings for metered improved properties served by a water company shall be made as close to quarterly as is possible when applicable meter readings shall become available to the Borough or as soon thereafter as practicable, and shall cover the period since the date of the preceding meter readings which were used as a basis for computing the immediately preceding billing. Billings based upon the volume of water measured or estimated other than by a water company shall be made quarterly and rendered on the billing date for unmetered improved properties or as soon thereafter as practicable, and shall cover the period since the immediately preceding meter reading or immediately preceding estimate. Owners of property connected to the sewer system for only a portion of a billing quarter shall pay a pro rata minimum sewer rental, if applicable, for the period of time actually connected during the quartet All sewer rental billings shall be due and payable upon presentation and, if not paid within 15 days from the date of billing, a penalty of 10 percent shall be added.

(Ord. 87-3, 4/20/1987, §3.01)

D. Measurements, Tests, and Analyses.**§18-231. Measurements, Tests and Analyses.**

All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made in this Part 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 a suitable location to be approved by the Borough.

(Ord. 87-3, 4/20/1987, §4.01)

§18-232. Samples.

All samples shall be 24-hour composite wastewater samples; that is, 24 hourly wastewater samples collected over a 24-hour period with the sample volume proportioned according to the flow rate at the time of the sample. The cumulative sample shall be refrigerated. Exceptions to the 24-hour composite sampling procedure may be made at the discretion of the Borough.

(Ord. 87-3, 4/20/1987, §4.02)

§18-233. Frequency of Sampling, Measuring and Testing.

The frequency of sampling, measuring and testing shall be as directed by the Borough. All expenses of this activity shall be borne by the owner, and all data obtained shall be sent to the Borough, as requested.

(Ord. 87-3, 4/20/1987, §4.03)

§18-234. Access.

The owner of any improved property connected to the sewer system shall provide the Borough and its representatives and agents the opportunity of access at any time to any part thereof, as shall be required for purposes of inspection, measurement, sampling and testing and for performance of other functions relating to service rendered by the Borough related to the sewer system.

(Ord. 87-3, 4/20/1987, §4.04)

E. Liens for Sewer Rentals; Filing and Collection of Liens.**§18-241. Liens; Collection of Liens.**

Sewer rentals or charges imposed by this Part shall be a lien on the improved property connected to and served by the sewer system; and any such sewer rentals or charges which are delinquent shall be filed as a lien against improved property so connected to and served by the sewer system, which lien shall be filed in the office of the Prothonotary of Bradford County, Pennsylvania, and shall be collected in the manner provided by law for the filing and collecting of municipal claims.

(Ord. 87-3, 4/20/1987, §5.01)

