

**GREENE TOWNSHIP**

**RULES AND  
REGULATIONS**

**FOR**

**MUNICIPAL SANITARY SEWER SYSTEM**

**ERIE COUNTY, PENNSYLVANIA**

**LAST REVISED  
DECEMBER 2018**

**GREENE TOWNSHIP MUNICIPAL SANITARY SEWER SYSTEM  
RULES AND REGULATIONS  
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**RULES AND REGULATIONS  
FOR:  
SANITARY SEWER COLLECTION AND CONVEYANCE SYSTEM  
OF:  
GREENE TOWNSHIP, ERIE COUNTY, PENNSYLVANIA**

PROVIDING THE RULES AND REGULATIONS FOR SERVICE, THE SPECIFICATIONS FOR CONNECTION TO AND EXTENSION OF THE SANITARY SEWER SYSTEM, APPLICATIONS FOR SEWAGE SERVICE, THE PAYMENT OF TAPPING FEES FOR CONNECTING ONTO SEWAGE LINES, PROVIDING FOR CHARGES FOR SEWAGE SERVICE, PROHIBITING CERTAIN CONDUCT IN PRESCRIBING PROVISIONS FOR ENFORCEMENT OF THIS RESOLUTION HEREIN FOR THE SANITARY SEWER SYSTEM OWNED, OPERATED AND MAINTAINED BY GREENE TOWNSHIP, ERIE COUNTY. THE INTENT OF THESE RULES AND REGULATIONS IS TO REMAIN CONSISTENT WITH THE RULES OF THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, ERIE COUNTY DEPARTMENT OF HEALTH, THE MILLCREEK TOWNSHIP SEWER AUTHORITY, AND THE CITY OF ERIE BUREAU OF SEWERS. REQUIREMENTS OF ANY OF THE AFOREMENTIONED ENTITIES MAY AT TIMES REQUIRE CHANGES AND UPDATES TO THESE RULES AND REGULATIONS.

From and after the effective date of the Resolution herein attached in Appendix A, the following rules, and regulations shall be in effect and govern the sanitary sewer system of the Greene Township Municipal Sanitary Sewer System in Erie County, Pennsylvania (hereinafter referred to as "System").

**ARTICLE I - INTRODUCTION**

**SECTION 1.01: Adoption of Rules and Regulations**

The Greene Township Municipal Sanitary Sewer System, Erie County, Pennsylvania, has duly adopted the following Rules and Regulations governing the furnishing of sewage services.

**SECTION 1.02: Sewer Services**

The Rules and Regulations, as amended and supplemented, shall govern and control the furnishing of sewage services and shall be a part of each application for service and each service contract.

**SECTION 1.03: Word Usage for Sewage Services**

For the purposes of construing the Rules and Regulations, the use of the singular shall include the plural and the plural the singular. Words used in the masculine gender shall include the feminine and the neuter. Words used in the present or past tense shall include the future.

**SECTION 1.04: Severability**

The Articles and provisions of the Rules and Regulations are severable. If any word, sentence, clause, section or other provision thereof is found by a court of competent jurisdiction to be unlawful and void, the remaining Articles or provisions shall nevertheless remain valid and shall continue in full force and effect.

## ARTICLE II - DEFINITIONS

### SECTION 2.01: Individual Definitions

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

"Act" - means the Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C § 1251 *et seq.*

"Apartment" – means a room or group of rooms located within a multiple family dwelling, having separate living, cooking, sanitary, and entrance facilities. For further definition of a customer classification for an apartment, please see Section 3.01.02 of these Rules and Regulations.

"Apartment Building" – means any building with four (4) or more individual apartments. For further definition of a customer classification for an apartment building, please see Section 3.01.02 of these Rules and Regulations.

"Bio-Chemical Oxygen Demand" (sometimes referred to as "B.O.D.") – The quantity of oxygen utilized in the bio-chemical oxidation of organic matter under standard laboratory procedure in 5 days at 20° Centigrade, expressed in milligrams per liter mg/L. The B.O.D. shall be determined by one of the acceptable methods described in the latest edition of "Standard Methods for the Examination of Water and Sewage" published by the American Public Health Association.

"Building Sewer" - means the portion of the sewer line owned and maintained by the customer or property owner beginning immediately outside the exterior wall of a connected building running to the service tap provided at the public sewer main, or running to a Township-owned grinder pump pit, and all private extensions thereof. The building sewer shall terminate at the installed observation port or the grinder pump pit.

"Campgrounds" - A tract or tracts of land, or any portions thereof, used for the purpose of short term (days, weeks, month, or season) fee leasing or renting of campsites to camping guest(s) for occupancy with their own equipment, i.e., titled camper, tent, mobile home, or in campground-provided tents, cabins, campers, or mobile homes. Besides the basic facilities such as restrooms and store/lobby, the land may also include buildings, facilities and equipment such as laundry, store, pool, recreation and sports facilities, food services, game room, and entertainment facilities. For purposes of this Resolution a campsite is a parcel of land in a campground for the placement of a single trailer, cabin, and/or tent and the exclusive use of its occupants. Campgrounds shall be classified as non-residential for purposes of determining the applicable tapping fees, customer facilities fees, and user rates based on flow measurement.



“Capacity Part” – A fee for capacity-related facilities which may not exceed an amount that is based upon the cost of such facilities, including but not limited to: treatment, pumping, trunk, interceptor and outfall main, storage, sludge treatment or disposal, interconnection, or other general system facility.

"Categorical Pretreatment Standard" or "Categorical Standard" - means any regulations containing pollutant discharge limits promulgated by the Environmental Protection Agency (EPA) in accordance with Sections 307(b) and (c) of the Act (33 U.S.C. § 1317) which apply to a specific category of users and which appear in 40 CFR Chapter I, Subchapter N, Parts 405 – 471.

“Chlorine Requirement” – The amount of chlorine, in parts per million by weight, which must be added to sewage to produce a specified residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in the latest edition of “Standard Methods for the Examination of Water, Sewage and Industrial Waste” published by the American Public Health Association.

“Collection Part” – a fee which may not exceed an amount based upon the cost of collection facilities required to provide service, such as mains and pumping stations.

"Collection Sewer" - shall mean the Township’s collection sanitary sewers located under highways, roads, streets, and rights-of-way with branch Service Laterals that collect and convey Sanitary Sewage or Industrial Wastes or a combination thereof to a pumping or treatment facility.

"Conveyance Sewer" - shall mean the Township's interceptor sanitary sewers located under highways, roads, streets, and rights-of-way with branch Service Laterals that collect and convey Sanitary Sewage or Industrial Wastes or a combination of both to a pumping or treatment facility.

"Commercial Establishment" - means any room, group of rooms, building or enclosure containing plumbing and used or intended for use in the operation of one business enterprise for the sale or distribution of any product, commodity, article or service or used or intended for use for any social, amusement, religious, educational, charitable or public purpose. "Commercial Establishment" includes institutional dormitories, but does not include personal care boarding homes licensed by the Commonwealth.

"Compatible Pollutant" - means wastewater constituents which the wastewater treatment plant is designed to treat, and wastewater substances which will not interfere with the treatment system or pass through the treatment system inadequately treated.

“Connection Fee” – A fee imposed in accordance with PA Act 57. For all new customers not included in the initial construction of the Sanitary Sewer System, owners shall pay the actual cost (or the average cost for previously installed connections of similar type and size) of the connection of the property extending from the sewer main to the property line of the connected property when the

Township provides such connections. In lieu of a connection fee, the Township may require the subject property owner to pay for and perform or cause the performance of all construction necessary and proper for connection of the subject property to the public sewer system, and the Township may, where applicable, then require the subject property owner to dedicate the said connection facilities to the Township as public facilities of the public sewer system.

"Connection Unit" - shall mean each individual building or portion of a building (factory, apartment house or office building) which is designed or adaptable to separate ownership. Other multiple unit structures whose individual apartments or units are connected to a common internal sewage system and are not subject to separate ownership shall be considered as one Connection Unit.

"Customer" – The Owner or Tenant hereafter defined, contracting for and/or using sewage service for one or more Premises.

"Customer Facilities Fee" - For all new customers not included in the initial construction of the Sanitary Sewer System, where applicable, all owners shall pay the actual cost of customer facilities (or the average cost for previously installed customer facilities of similar type and size) when the Township provides such customer facilities. In lieu of a customer facilities fee, the Township may require the subject property owner to pay for and perform or cause the performance of all construction necessary and proper for customer facilities and the Township may, where applicable, then require the subject property owner to dedicate the said customer facilities to the Township as public facilities of the public sewer system.

"Domestic Wastes" or "Domestic Wastewater" - means the wastes produced from noncommercial or nonindustrial activities, and which result from normal human living processes, which are of substantially similar origin and strength to those typically produced in residential establishments, including wastes from sanitary conveniences.

"Dwelling Unit" – Any room, group of rooms, apartment, mobile home, house trailer, or other enclosure occupied or intended for occupancy as separate living quarters, whether permanent or temporary, including toilet facilities, by a family or other group of persons living or staying together or by persons living or staying alone.

"Engineer" - means the then or current Consulting Engineer to the Township.

"Equivalent Dwelling Unit or EDU" – A calculation of flow contributed to the public sewer system expressed in gallons per month per household. One (1) EDU shall be equal to four-thousand, three hundred and fifty (4,350) gallons per month.

“Grease Interceptor” – Shall mean a tank or receptacle designed to collect, retain, and facilitate the floatation of oil, grease and fatty substances normally found in kitchen or similar wastes. It is installed in the sewer lateral line between the building or other point of production of the waste and the main sewer. It serves the same purpose as a grease trap, but is much larger in size to accommodate larger volumes of wastewater discharge. Location shall be at the discretion of the Township.

“Grease Trap” – Shall mean a device for separation of grease from wastewater by flotation so it can be removed from the surface.

“Grinder Pump, Pit, and Force Lateral” – The sewage grinding pump, pump pit, force lateral piping from the pump pit to the public sewer main, and all items appurtenant thereto providing sewer service to a property. Where the property owner has granted an easement for the construction, installation, maintenance, repair, and replacement of the grinder pump, pit, and force lateral, the said pump, pit, piping, and items appurtenant thereto are and shall be the property of the Township, and the Township shall be responsible for the cost of the construction, installation, maintenance, repair, and replacement for the same as per the agreement(s) in place between property owner and Township. Where the property owner has refused to grant an easement for the construction, installation, maintenance, repair, and replacement of the grinder pump, pit, and force lateral, the said pump, pit, piping, and items appurtenant thereto are and shall be the property of the property owner, and the property owner shall be solely responsible for the cost of the construction, installation, maintenance, repair, and replacement for the same.

“Hotels/Motels” – Hotels and motels shall be classified as non-residential for purposes of determining the applicable tapping fees, customer facilities fees, and user rates based on flow measurement.

"Improved Property" - means any property upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which Sanitary Sewage and/or Industrial Wastes shall be or may be discharged.

"Industrial Establishment" - means any room, group of rooms, building or other enclosure used or intended for use, in whole or in part, in the operation of a business enterprise for manufacturing, fabricating, processing, cleaning, laundering or assembling any product, commodity, or article or from which any industrial waste, as distinct from Sanitary Sewage, shall be discharged.

"Industrial User" - an Industrial Establishment or an improved property used, in whole or in part, for manufacturing, processing, cleaning, laundering or assembling any product, commodity or article or from which any process waste, as distinct from domestic waste, shall be discharged.

"Industrial Wastes" - means any solid, liquid or gaseous substance or waterborne wastes or forms of energy rejected or escaping from any industrial, manufacturing, trade or business process or the development, recovery or processing of any natural resources, as distinct from Sanitary Sewage.

"Interference" - shall have the meaning as defined in 40 CFR Section 403.3.

"Metered Customer" – A customer using an approved water meter or using an approved sewage flow meter as the basis for determining the amount of flow discharged, whether directly or indirectly, into the public sewer system.

"Mobile Home" – Regardless of where a mobile home is situated, each mobile home shall be classified as a separate and distinct dwelling unit for purposes of determining the applicable tapping fees, customer facilities fees, and user rates. In addition to such other sewer flow factors as may be necessary for determining EDUs for the applicable tapping fees, customer facilities fees, and user fees to be charged for the owner thereof, each mobile home situated, whether permanent or temporary, on a lot or in a mobile home park or in a campground, shall be considered a separate and distinct dwelling unit, notwithstanding the fact that the owner thereof may have been permitted to use a single common connection to connect two (2) or more such mobile homes to the lateral of the public sewer system.

"Mobile Home Park" – Mobile home parks shall be classified as a non-residential customer for purposes of determining the applicable tapping fees, customer facilities fees, and user rates. The park shall have one meter to measure the water supplied to the park, and one lateral to convey sewage to the sanitary system.

"National Pretreatment Standards" or "Pretreatment Regulations" - means any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307 (b) and (c) of the Act which applies to Industrial Users.

"Non-Residential Customer" - means any improved properties consisting of, but not limited to, commercial, industrial, schools, professional offices, churches, institutions, etc. that is not a Residential Customer. A customer account which is mixed use shall also be considered a Non-Residential Customer. A few examples are: a home-based business, a property with both a home and a separate business, or a business with a connected apartment.

"Notice to Connect" – A written Notice to a property owner, delivered to the property owner by personal service or by U.S. Certified Mail with Return Receipt, informing the property owner that the owner has one hundred eighty (180) days after the date on the Notice to Connect to connect the property to the public sewer system, and abandon the individual sewage system servicing the property.

"NPDES Permit" - means a National Pollutant Discharge Elimination System permit issued pursuant to Section 402 of the Act.

“Occupiable Building” – a Building designed for human occupancy in which individuals congregate for any purpose; and which is equipped with means of egress and plumbing facilities for water to be used by occupants of the building.

“Occupied Building” – Shall mean any structure erected and intended for continuous or periodic habitation, occupancy or use by human beings or animals, and from which structure sanitary sewage and industrial wastes, or either thereof, is or may be discharged.

"Owner" - means any Person vested with ownership, legal or equitable, sole or partial, of any Improved Property.

"Pass Through" - shall have the meaning as defined in 40 CFR Section 403.3.

"Person" - means any individual, partnership, company, association, society, corporation or other group or entity, including a municipal authority and municipality.

“pH” – The logarithm (Base 10) of the reciprocal of the weight of hydrogen ions in grams per liter of solution. The pH shall be determined by one of the acceptable methods described in the latest edition of “Standard Methods for the Examination of Water and Sewage” published by the American Public Health Association.

“Plumbing System” – All piping, fixtures and appurtenances used to transport water to, within and from a building, including all residential and nonresidential facilities and source, transmission, treatment and distribution facilities of Public Water Systems.

"Pollutant" - means any solid or liquid waste, sewage, garbage, sludge, chemical wastes, biological or radioactive materials, heat, industrial, municipal, or agricultural waste discharged into the water.

“Premises” – The property or area, including the improvements thereon and additions thereto, to which sewage service is or will be furnished and shall include, but may not be limited to:

- A. A building under one roof, owned or leased by one Customer and occupied as one residence or one place of business, including additions thereto.
- B. A group or combination of buildings owned by one Customer, in one common enclosure, occupied by one family or one organization, corporation or firm as a residence or place of business, or for manufacturing or industrial purposes, or as a motel, hotel, hospital, church, private school, or similar institution, except as otherwise noted herein.
- C. The one side of a double house having a solid vertical partition wall.
- D. Each side or each part of a house or building occupied by one family even though the water closet and/or other fixtures may be used in common.

- E. Each Dwelling Unit, office, or suite of offices, and/or place of business located in a building or group of buildings, even though such buildings in a group are interconnected by a tunnel or passageway, covered area-way or patio, or by some similar means or structure.
- F. A public building devoted entirely to public use, such as a municipal building, school or fire station.
- G. A single lot or park or playground.
- H. Each house in a row of houses.
- I. Each Dwelling Unit in a house or building.
- J. Each individual and separate place of business and/or occupancy located in one building or group of buildings commonly designated as shopping centers, supermarket areas, and by such other terms.
- K. Each Dwelling Unit in a public housing development owned and operated by the United States of America, a municipal subdivision of the Commonwealth of Pennsylvania, or an agency or instrumentality of the United States or the Commonwealth of Pennsylvania; by a philanthropic foundation or organization of some such similar body or organization; or operated under private ownership.
- L. A mobile home.

"Pressure System" - A pressure system consists of a complete grinder pump system including grinder pump, motor, basin, control panel, and pressure lateral between the grinder pump unit and point of connection at the curb box.

"Rate Resolution" – The entire body of effective rates, rentals, Tapping Fees, Connection Fees, Customer Facility Fees and other charges, as published by the Township and as amended and supplemented from time to time.

"Reimbursement Component" – Shall mean an amount necessary to recapture the allocable portion of facilities in order to reimburse the property Owner or Owners at whose expense such facilities were constructed.

"Reservation of Capacity Fee" - A fee imposed by the Township for allocating to a property owner, based on his request, capacity in the Township's Municipal Sewer System or wastewater treatment facility in advance of his payment of the Township's Tapping Fee.

"Residential Customer" - A customer consisting of a single residential dwelling unit.

"Sanitary Sewage" - means the normal water-carried household and toilet wastes from any Improved Property exclusive of stormwater runoff, surface water or ground water.

"Service Lateral" – A sewer line installed in general from the main collector or conveyance sewer to an observation port. This portion of sewer pipe is intended to be owned and maintained by the Township.

"Sewer" - means any pipe, main or conduit constituting a part of the Sewer System and used or usable for collection and transportation of Sanitary Sewage and Industrial Wastes.

"Sewer System" - means all facilities and property owned by the Township as of any particular time, including but not limited to, facilities for collecting, pumping, conveying, and treating Sanitary Sewage and Industrial Wastes.

"Significant Industrial User" - means any industrial user of the Sewer System who:

- A. Discharges 25,000 gallons per day or more of process wastewater. Process wastewater is any water, which, during manufacturing or processing comes into direct contact with (or results from the production or use of) any raw material, intermediate product, finished product, by-product, or waste product. Process wastewater does not normally include sanitary wastewater, non-contact cooling water, or plant-area stormwater runoff, unless such wastewaters are covered by a federal regulation, or
- B. Contributes an actual or estimated process wastestream which makes up 5 percent or more of the total recorded flow into the treatment system, or
- C. Is subject to a national categorical pretreatment standard as published by the U.S. Environmental Protection Agency, or
- D. Is found by the EPA, State, or Township to have a reasonable potential to adversely affect, either singly or in combination with other users, on the processes, effluent, sludge, or air emissions of the treatment system.

"Slug Loading"- means any pollutant including oxygen demanding pollutants (BOD5, etc.) released in a discharge at a flow rate and or concentration which will cause interference with the treatment system.

"Standard Construction Specifications" - means the current standard construction and material specifications for sanitary sewer extensions of the Township Municipal Sewer System.

"Standard Methods" - means the most recent edition of "Standard Methods for the Examination of Water and Wastewater" as published by the American Public Health Association, American Water Works Association, and Water Environment Federation.

“Surcharge” – An additional rate for treatment of waste, including Abnormal Industrial Waste, of greater strength than the concentration values established as is representative of normal Sewage.

“Suspended Solids” – Solids that either float on the surface of, or are in suspension in water, Sewage or other liquids, and which are removable by a laboratory filtration device. The quantity of Suspended solids shall be determined by one of the acceptable methods described in the latest edition of “Standard Methods for the Examination of Water and Sewage” published by the American Public Health Association.

"System" - means the Greene Township Municipal Sanitary Sewer System of Erie County, Pennsylvania.

"Tapping Fee" - A fee imposed by the Township in accordance with PA Act 57 consisting of capacity part, collection system part, special purpose part, and a reimbursement part.

“Tenant” – Anyone occupying Premises under lease from the Owner and/or occupant of the Premises with permission of the Owner in any premise, which is about to be or is being furnished Sewage service by the Township.

"Treatment System" - means all facilities, structures, and equipment owned and operated by the Township or other(s) for the collecting, transporting, treatment, recycling, and reclamation of wastewater including any works that are an integral part of the treatment process.

"Wastewater" - shall mean Sanitary Sewage or Industrial Wastes or any combination thereof.



## ARTICLE III - CONDITIONS OF SERVICE

### SECTION 3.01:     **General**

The Township shall furnish Sewage service only in accordance with the Rules and Regulations as amended and supplemented. No application for service, contract, agreement or license shall be inconsistent or conflict with the Rules and Regulations.

#### **3.01.01           Alter, Amend, Supplement or Repeal the Rates**

The Township may from time to time, as it may deem necessary, alter, amend, supplement or repeal the rates and the Rules and Regulations, in whole or in part.

#### **3.01.02           Types of Service/Customer Classifications**

Customers will be classified as either Residential or Non-Residential, and will be billed as set forth in the Rate Resolution. An initial customer classification will be determined at the time of application. The Township shall retain the right to inspect a premise at the time of initial service and anytime thereafter to determine if a new customer classification needs assigned.

Residential Customer – Monthly Flat Rate as set forth in the Rate Resolution, one (1) EDU equal to 4,350 gallons per month. Based on the definition of a residential customer. Also, properties with up to and including a maximum of three (3), single family apartments/residences will be considered residential, but each unit will be considered as one (1) EDU. For example: A duplex will be two (2) EDU's; a property with a home and a rentable apartment will be two (2) EDUs. The residential customers described above shall be permitted to have one lateral.

Non-Residential Customer – Monthly bill will be based on meter readings from actual water use as set forth in the Rate Resolution. Customers determined to be in this classification will pay the minimum monthly flat rate for one (1) EDU plus a variable component per one-hundred (100) gallons of measured flow discharged, whether directly or indirectly, into the system as set forth in the Rate Resolution. *The monthly bill for a Non-Residential Customer will **never** be less than the fee charged for a flat rate Residential Customer billed at one (1) EDU.* Non-Residential can be described as, but not limited to any of the following:

- 1) Any building with four (4) or more single family apartments
- 2) Mixed use (residential use combined with non-residential use)
- 3) Commercial Establishment
- 4) Mobile Home Park
- 5) Municipal or Public
- 6) School or Institutional
- 7) Industrial Establishment
- 8) Temporary Service

**3.01.03 Refusal of Sewage Service**

The Township may refuse the furnishing of sewage service if Sewage flows are found or estimated to be excessive, or if the character of the sanitary wastes to be discharged are determined to be unsatisfactory.

**3.01.04 Separate Building Sewer for Each Premise Served**

- A. Each premise shall be served through a separate Building Sewer Connection and Building Sewer, except where physical conditions prevent the installation of separate service facilities as determined by the Township.
- B. The term “physical conditions” shall apply only to such situations as related to the plumbing layout in the Premise. All Building Sewer Service Line Extensions, as defined herein, shall be installed in accordance with Township requirements relative thereto, and shall be connected only to main lines abutting the property and owned by the Township. Except as otherwise provided, such Building Sewer Service Line Extensions shall extend to a straight line at right angles to the main sewer lines to the Premises where possible. All proposed sewer installations must be approved by the Township prior to installation.
- C. The charges for sewage service in all cases where more than one Premise is served through one Premise or Building Sewer Service Line Extensions shall be determined as set forth in detail in these Rules and Regulations and the Rate Schedule.
- D. In the case of multiple buildings on a single property, each Building Sewer shall be installed within a recorded easement or right-of-way that runs with the land, of at least twenty (20) feet in width connecting the Building to be served to easement or public right-of-way where the Township’s sewer collection system is located.
  - 1) The prospective customer/owner shall present the Township with a copy of a duly recorded instrument which:
    - a. Describes the easement or right-of-way metes and bounds.
    - b. Gives the easement in perpetuity to the heirs, successors and assigns of prospective customer
    - c. Grants access to the Building Sewer for purposes of repair and replacement.
    - d. Is recorded in the County Office of the Recorder of Deeds.

**3.01.05 Mandatory Connection**

- A. The Owner or Owners of all Occupiable Buildings located on any Premises which now or in the future becomes accessible to a Sanitary Sewer System in

the service area of the Township and such municipality shall have enacted a mandatory tap ordinance, shall connect any building or buildings to the Sanitary Sewer System to which the building or buildings may be accessible. For the purposes of discerning accessibility, it shall be presumed that any building located within 150 feet of the Sanitary Sewer System's right-of-way, general utility right-of-way or municipal or state road right-of-way when the Sanitary Sewer Systems is located in such a right-of-way, is accessible to such provision.

- B. Any Owner or lessee on real property who connects onto the Public Sanitary Sewer shall thereafter be prohibited from constructing or utilizing any on-lot Sewage disposal system unless the property Owner has obtained the prior written consent of the Township not to connect into the existing Public Sanitary Sewers.
- C. As Public Sanitary Sewers are laid and provided in other and additional areas of the Township, the Owners of all occupied lands accessible to such Public Sanitary Sewers so laid and provided shall within six (6) months connect all Occupiable Buildings with the Public Sanitary Sewers to which the property is accessible. The Township shall have the right to extend the period based on the time of year which service becomes available.
- D. When future Public Sanitary Sewers become available to any property in any municipality for which the municipality has enacted a mandatory tap ordinance and the property Owner or Owners have failed to connect the property to the Public Sanitary Sewers, the Township may give written notice to the Owner or Owners stating the requirement that they connect the property to the Public Sanitary Sewers within six (6) months from the date thereof and failure to comply with said notice shall subject the property Owner or Owners to any of the penalties provided for in Resolution or to an action in equity to compel connection to the Public Sanitary Sewers.
- E. In the case of new construction in a location where sewer lines already exist, an occupancy permit shall not be issued until mandatory connection is made to the sewer system.
- F. It shall be unlawful for any Persons, firm, or corporation to erect or construct any privy, privy vault, cesspool, septic tank or any other type of disposal receptacle or structure in or on any Premises accessible to any Public Sanitary Sewers in the service area of the Township.
- G. The Township shall have the right to waive a tapping fee, meter installation or monthly usage fee for any occupiable lands or buildings for which Greene Township is the Owner.

**3.01.06 Sanitary Sewage Service**

The Municipality's approved Act 537 Plan shall dictate the municipal Sanitary Sewage service provider. In the event that a dispute exists regarding the authorized Sanitary Sewage service provider for specific properties, the following guidelines shall apply:

- A. Any Occupiable Building located entirely within an area designated to be served by the Township in the Municipality's Act 537 Plan for any municipality served by the Township shall be served by the Township unless the Township relinquishes its service rights.
- B. Any Occupiable Building located partially within an area designated to be served by the Township in the Municipality's Act 537 Plan for any municipality served by the Township and partially within an adjacent municipality which does not have public Sanitary Sewage Service available to serve the Occupiable Building shall be served by the Township unless the Township relinquishes service.
- C. Any Occupiable Building located partially within an area designated to be served by the Township in the Municipality's Act 537 Plan for any municipality served by the Township and partially within an adjacent municipality which has public Sanitary Sewage service available to serve the Occupiable Building shall be served by the Township if the Occupiable Building is situated more than one half in a municipality served by the Township and Occupiable Building is taxed in a municipality served by the Township unless the Township relinquishes service.
- D. Any Occupiable Building located partially within an area designated to be served by the Township in the Municipality's Act 537 Plan for any municipality served by the Township and partially within an adjacent municipality which has a public Sanitary Sewers available to serve the Occupiable Building and the Occupiable Building is taxed in the adjacent municipality, the Township shall relinquish service for the Occupiable Building.

## **ARTICLE IV - BUILDING SEWER CONNECTIONS**

### **SECTION 4.01: Connection to Township Municipal Sewer System**

The Township shall permit the direct connection of single customers on a case-by-case basis after considering proximity to sanitary sewer infrastructure. Where a single customer can be reasonably connected to the Collection System without the need for a Collection System extension, this shall be the preferred connection. If an extension is necessary for the customer to be served or if there are multiple customers to be served, Article IV requirements shall be followed.

Sanitary Building Sewer connections to the Township's system shall be at a manhole (existing or new) or at a wye (existing or new) in accordance with applicable rules and regulations and specifications contained herein.

### **SECTION 4.02: Notification of Proposed Connection to System**

The Township requires the owner of a property to apply for and obtain a connection permit whenever any of the following situations exist:

1. A new building or facility is to be connected to the Sewer System or to the internal drainage system of an existing building or facility on the same parcel.
2. An existing building or facility is expanded in such a way that there is an increased potential for the generation of wastewater. Flow estimates shall be made by the Township based on sound engineering practice.

No connection shall be made, nor construction of the Building Sewer, Service Lateral, or Pressure System commenced, unless and until the property owner has provided written notice to the Township. The written notice shall identify the location, type and EDU Classification, including justification for such classification. Additionally, each Municipality shall provide written notice to the Township when an existing building or facility is expanded or the use or occupancy has been adjusted. The Service Application Form for Residential Customers is included in Appendix B, and the Service Application Form for Non-Residential Customers is included in Appendix H of these Rules and Regulations.

In addition, the connection of a non-residential establishment must satisfy the requirements of Article X.

### **SECTION 4.03: Payment of Connection Fees**

Notification of connection shall be accompanied by the required fees as provided for in Article VIII, and/or as set forth in the Rate Resolution.

### **SECTION 4.04: Mandatory Pre-Construction Meeting (all Customers) for Township Portion of Sewer Lateral, and Determine Meter Location if a Non-Residential Customer**

After application is complete, and all required fees are paid, if the Township approves the application, a Connection Permit is granted. Construction will proceed as follows:

1. A Township representative will meet with the Owner at the property to be served.
2. The Township and Owner will mark the installation location of the proposed lateral based on site conditions, and in the case of a Non-Residential Customer without public water, the location shall be chosen for installation of a water meter. As per Section 6.05.02, the location of the meter shall be on the well water line inside the building if possible. Refer to Section 6.05 of these Rules and Regulations for meter installation responsibilities and procedures. At the discretion of the Township, steps (1) & (2) may take place prior to payment of fees and granting of permit.
3. The Township will cause the tap/connection to the collection system to occur. The Township or Township's designated contractor will make the physical tie-in to the collection sewer and install the Township's portion of the sewer lateral (infrastructure) as shown on Drawing No. DT12 in Appendix E. In the case of a Non-Residential Customer, connection to the sanitary sewer system shall NOT occur until a water meter is installed at the property.
4. The Owner/Customer at no time will make any connection to the Township's facilities unless expressly directed by the Township to do so.
5. For installation of the Owner/Customer portion of the building sewer, requirements shall be followed as outlined in Section 4.06 of these Rules and Regulations.

#### **4.04.01 Invoicing and Payment for Township Lateral Installation**

- A. The customer shall be responsible for paying all costs for the installation of the Township portion of the sewer lateral as set forth in the Rate Resolution.
- B. Invoicing and payment logistics will be at the discretion of the Township. The Township may either require the customer to pay the Township directly or submit payment to the Township's designated contractor.

#### **SECTION 4.05: Permits for Significant Industrial Users**

All Industrial Users proposing to connect to or discharge to the Sanitary Sewer System shall obtain a wastewater discharge permit before connecting to or discharge to the System. The wastewater discharge permit will define the allowable levels of pollutants discharged into the Township's Municipal Sewer System. Article XI sets the requirements for these discharges.

#### **SECTION 4.06: Building Sewer Construction Standards and Specifications**

The following are the minimum standards and specifications for Building Sewers. These shall be followed in conjunction with the applicable Standard Details contained in Appendix E.

**4.06.01 Building Sewer Pipe and Fittings**

The following pipe and fittings are recommended for use:

A. PVC Schedule 40 Solid Wall Pipe and Fittings:

Polyvinyl chloride (PVC) pipe, Schedule 40, solid wall, used for gravity sewer construction, shall meet or exceed the requirements of ASTM D 1785. **Cellular Core pipe is NOT acceptable.** Joints shall be solvent welded in accordance with ASTM D 2564 and ASTM D 2855. Use of Schedule 80 and 120 is also approved when loading warrants. Purple primer is required to be utilized.

Other proposed materials shall be submitted for approval to the Township at time of application.

The pipes shall have permanently tight joints which shall prevent the admission of groundwater and shall be laid at a minimum grade of one quarter (1/4) inch per foot with the best possible alignment. To protect the pipes from frost or crushing from surface activity, a minimum of four (4) feet of cover must be provided. Under special conditions, a variance to pipe depth requirement may be granted by the Township.

The pipe for the Building Sewer and Service Lateral shall have a minimum inside diameter of four (4) and six (6) inches respectively. No transitions from one pipe size to another or from one pipe material to another will be made unless manufactured adapters, designed specifically for that purpose and approved by the Township, are used. Building Sewers serving more than a single EDU shall have a minimum diameter of six (6) inches. All changes in direction must be made with

pipe fittings. No fitting greater than forty-five (45) degrees will be permitted, except under certain conditions acceptable to the Township.

For purposes of identification and early warning during trenching or other excavation, non-residential properties shall have continuous warning tapes in all trenches. Such tapes shall be optional for residential properties. Tapes shall be buried at a depth of six (6) to twelve (12) inches below finished grade. In pavement, tapes shall be buried six (6) inches below the top of the subgrade. The underground warning tape shall be a magnetic polyethylene tape, three (3) inches in width with a minimum lettering of one inch.

#### **4.06.02 Main Trap and Air Intake Pipes**

A trap and air intake pipe must be provided for each Building Sewer. The trap must be placed immediately outside the building wall and the air intake pipe must extend from the trap. The top of the air intake pipe shall extend a minimum of six (6) inches above the ground surface to prevent surface water from entering and shall be provided with a mushroom or other type cap sufficient to prevent the entrance of rainwater.

#### **4.06.03 Observation Ports**

An Observation Port shall be provided for each Building Sewer. The Observation Port shall be placed at the public or utility right-of-way/easement. It shall be constructed as per the detail utilizing a sweep tee (not a wye). Observation Port Frame and Cover shall be Neenah Model R-1976, or approved equal as shown in the Standard Details in Appendix E.

#### **4.06.04 Cleanouts**

Unless otherwise authorized, clean-outs shall be provided in each Building Sewer at intervals that will permit complete rodding with a one-hundred (100) foot long auger or tape. Such intervals shall include the length of the Service Lateral and riser as appropriate. Clean-outs will also be required within five (5) feet upstream of every change in direction greater than forty-five (45) degrees and immediately downstream of the trap. Clean-outs shall be constructed using a one piece combination wye and 45-degree bend and riser to the ground surface. All lateral riser components shall utilize solvent welded joints and assembled with the manufacturer's recommendations. The riser pipe shall be provided with a standard 4-inch screw-type ferrule and shall be watertight.

Cleanouts shall be protected at the ground level from incidental damage by a cleanout frame and cover. Frames and covers shall be gray iron castings designed for AASHTO HS-20 loadings. Cast the letters "S" or "SEWER" integrally in the center of the cover with raised letters. Model #SC40 as manufactured by Drainage & Water Solutions, Inc. or equal is required for improved surfaces. Part number M06-010 as manufactured by Jones Stephens Corp, is required of non-improved (grass) surfaces.



#### **4.06.05 Grease Traps/Interceptors**

Food preparation establishments shall install grease traps conforming to the Plumbing and Drainage Institute G-101 (PDI G101). The establishment's proposed grease trap and its installation details must be approved by the Township before construction. The application for new installations must contain the size and type of the grease trap being proposed as well as a floor plan showing the location of the grease trap and all fixtures being connected to the trap, as well as discharge rates for each fixture.

The Township reserves the right to require any establishment that generates greases or oils to install an outdoor grease interceptor. The Township shall have the right to require the outside installation at any time prior to or after the start of sewer service. The reason for requiring the outside installation shall be based on anticipated or actual volumes of grease/oils generated. The Township may also require the outside installation due to failure of the customer to maintain an existing inside installation. Such interceptors shall be designed in general conformance with PDI G-101, and shall provide a minimum detention time of 30 minutes with all fixtures discharging simultaneously. The interceptor shall be of the two-compartment type, have sampling ports as required by the Township, and shall be water tested in accordance with testing procedures for sanitary sewer manholes.

The use of chemical or biological additives for the cleaning of grease traps or interceptors are prohibited.

Cleaning shall take place at intervals that permit the continued efficient use of the trap/interceptor and proof of cleaning shall be required to be submitted to the Township on a quarterly basis. If cleaning reports indicate an excessive buildup of grease (greater than 20% of tank volume), the Township shall require the owner to clean on a more frequent basis. If quarterly cleaning demonstrates very little grease accumulation, the Township reserves the right to investigate if this it is due to the design of the trap/interceptor or if the wastewater simply does not contain much grease. Design, continued use and cleaning intervals could be re-examined at this time.

The Township will maintain the right to investigate the condition of a grease trap at any premise at the Township's discretion. The Township will also maintain the right to alter the required trap cleaning interval, and the cycle required for submissions of proof of cleaning.

If the customer neglects to perform proper grease trap maintenance, which requires the Township to expend labor time, a penalty fee will be imposed. The penalty amount shall be found in the Rate Resolution. If the Township has to enforce compliance more than once, in addition to a penalty fee, the customer will be responsible for actual Township costs plus an additional 15% for administrative costs.

**4.06.06 Grit Traps/Interceptors**

When the Township determines that a proposed discharge could contain excessive grit, such as a vehicle washing facility, a grit trap/interceptor shall be installed prior to discharge to the Township's sewer. The owner shall submit the trap/interceptor design for approval by the Township. For settling tank designs, there shall be minimum of a 12 minute detention time at peak flows when tank is 20% full.

Cleaning shall take place at intervals that permit the continued efficient use of the trap/interceptor and proof of cleaning shall be required to be submitted to the Township on an annual basis. If cleaning reports indicate an excessive buildup of grit (greater than 20% of tank volume), the Township shall require the owner to clean on a more frequent basis. If annual cleaning demonstrates very little grit accumulation the Township reserves the right to investigate if this it is due to the design of the trap/interceptor or if the wastewater simply does not contain much grit. Design, continued use and cleaning intervals could be re-examined at this time.

**SECTION 4.07: Open Trench Inspection of Collection & Building Sewers and Service Laterals**

No connection or pipe trench shall be backfilled unless and until the Collection Sewer, Service Lateral, or Building Sewer installation has been inspected, tested and approved by the Township's representative.

## **ARTICLE V - SYSTEM EXTENSION PROCEDURE, PLANS AND SPECIFICATIONS**

### **SECTION 5.01: Submission to Township and Approval**

The Developer shall provide written notice to the Township requesting a statement of capacity for all connections, construction, expansion, or extension to the sewer system.

Connections requiring modifications or extensions to the sewer system shall require the Township's review for compliance with the Rules and Regulations. The Developer shall be required to enter into a construction agreement with the Township prior to the Township accepting or reviewing proposed plans. An example construction (Developer's) agreement can be found in Appendix F of these rules and regulations.

Developer shall be responsible for submittal fee/escrow account. The Township will not incur any costs as part of the Development procedures.

The Developer shall submit two (2) complete sets of Plans of the proposed sewer construction for review by the Township. The Township and its Consultant will review the plans for conformance with the minimum performance standards specified herein. The Township will provide comments as required on the entire proposed sewer construction; however, approval will only be given for proposed connections to Township owned infrastructure.

One (1) marked or approved set will be returned to the Developer after review by the Township. Plans shall be prepared by a Professional Engineer, registered in the Commonwealth of Pennsylvania, and shall bear the original impression seal of the Engineer who prepared the Plans.

After the design drawings have been approved, the Township shall be provided with one (1) set of Plans for its use, at the start of construction.

### **SECTION 5.02: Minimum Standards for Construction Drawings**

The Plans for construction shall include the following:

1. An overall general or location plan to clearly indicate the point or points of connection to the existing or future sanitary sewer system. At the points of connection, the DEP permit number and the permittee of the existing sewers shall be indicated. The permit data will be supplied by the Township upon request.
2. A list of plans shall be incorporated within the folio of plans of the proposed sewer project, and shall clearly indicate the sheet or plan number with a concise description of the scope or location of the sewer construction shown on a particular sheet or plan.
3. The Plans shall be at a scale of 1 inch = 50 feet. Uniform sheet size shall be 24" x 36".

4. A profile of the street, sewer and ground surface over the sewer shall be shown with pipe sizes and grades between manholes clearly shown. In addition, a ground profile at the building setback line shall be shown. The profile shall be drawn to a horizontal scale of 1 inch = 50 feet and a vertical scale of 1 inch = 10 feet.
5. Inverts of sewers at manholes and manhole lid elevations shall be shown and referenced to Benchmark elevations. A minimum of one (1) benchmark shall be shown on each sheet of the construction plans.
6. Structures to be served shall be located in plan and profile with the basement elevations clearly indicated.
7. Street drainage or other utilities, crossing, paralleling or otherwise causing potential interference with the proposed construction shall be clearly shown in both the plan and profile.
8. Proposed lateral connections shall be shown. Minimum size of laterals shall be six (6) inches in diameter. "Wye" and lateral ends shall be stationed along the centerline of the sewer between manholes with a length distance either left or right of the centerline of the sewer main. A lateral shall be constructed to each lot.

Standard construction details can be found in Appendix E of these rules and regulations.

### **SECTION 5.03: Minimum Standards for Record Drawings**

The Township shall be provided an electronic copy of Record Drawings and the desired number of prints of all facilities constructed within its system. Where the sewer construction does not directly impact the Township's infrastructure, no Record Drawings need to be submitted to the Township. Where sewer construction impacts the Township's infrastructure, an electronic copy (pdf format) and one (1) set of Record Drawings shall be provided to the Township and marked as approved by the Developer.

The Record Drawings are to show the system as installed with all revisions. Manholes, wyes, and laterals are to be correctly stationed with respect to centerline of manholes with depth, length of laterals, and invert to centerline of manholes with depth, length of laterals, and invert elevation at the end of the lateral noted. A three (3) inch diameter post is to be placed at the end of the lateral and shall extend from the invert of the lateral to a minimum of three (3) feet above the ground. The total distance from the top of the post to the invert of the lateral shall be indicated on the Record Drawings at the proper centerline station either left or right. The Record Drawings shall contain thereon the same information required for the design drawing corrected to as-constructed conditions and shall include the locations of all streets and utilities (both main lines and laterals) that parallel or cross the installed sanitary sewers. The location of the lateral end, shown in the plan view, shall be graphically correct with respect to property corners, manholes, power poles, etc.

**SECTION 5.04: Specifications for Connection**

No connection shall be made to the Township's infrastructure unless the manner in which the connection is made and the materials and workmanship employed in affecting such connection shall comply with the requirements of the Township. It shall also be necessary for all connections to comply with any special requirements imposed herein.

**SECTION 5.05: Illegal Discharges**

Any person who discharges or permits to be discharged any material to the Sewer System except through approved connections will be subject to charges as provided in Article VIII and/or Article XI, in addition to being subject to the penal provisions of any appropriate Municipal Ordinance.

**SECTION 5.06: Legal Requirements**

All Developers and qualified contractors installing connections to the Township's Municipal Sanitary Sewer System shall comply with all of the Township's rules, regulations and guidance and all Federal, State, and local requirements, including but not limited to the following:

1. The latest Municipality Ordinance governing sewer connections and the Municipality Road Occupancy Regulations.
2. Pennsylvania Law which requires that a utility be notified in advance of work to be performed in the area of a utility's facilities.
3. Federal Occupational Safety and Health Administration Regulations.
4. Pennsylvania Department of Transportation Regulations for work within State Highway rights-of-way, such as, but not limited to: (i) permits, (ii) blasting bonds, (iii) construction methods and materials, (iv) inspection, (v) traffic control and (vi) maintenance bonds.
5. Department of Environmental Protection Streams Encroachment and Soil Erosion and Sedimentation Control Requirements.
6. Pennsylvania Department of Environmental Protection (DEP) rules, regulations and requirements are to be considered incorporated into these specifications as if fully written herein.
7. Any regulations which are more stringent shall have precedence over the applicable section herein. It shall be the respective Municipality's responsibility for complying with planning and permitting requirements.
8. The design and construction of sanitary sewer facilities shall, at a minimum, be completed in accordance with the latest revision of the Domestic Wastewater Facilities Manual.

**SECTION 5.07: Special Conditions**

Whenever, in the opinion of the Engineer or other duly authorized representative of the Township, special conditions require additional safeguards or more stringent specifications to be observed, then, notwithstanding any other provisions of this Resolution, or requirements of the Township, the Township Municipal Sewer System specifically reserves the right to refuse to permit a connection to be made to its Sewer System until such special requirements or specifications as may be stipulated by the Township have been satisfied.

**SECTION 5.08: Contractor Qualifications**

No Developer or contractor shall connect to or perform work on the Township's facilities without prior approval by the Township. The Contractor shall provide evidence of past experience in excavation, blasting, plumbing, or electrical work, and by providing evidence of adequate insurance coverage. Evidence of insurance coverage shall be presented to the Township in the form of insurance certificates and shall indicate coverage with the following minimum limits:

**GENERAL LIABILITY**

Bodily Injury - \$3,000,000  
Property Damage - \$3,000,000

(Contractual liability coverage to fund the hold-harmless agreement contained in the Township's registration application and coverage of independent contractors, and completed operations shall also be included.)

**AUTOMOTIVE**

Bodily Injury - \$1,000,000  
Property Damage - \$1,000,000

Insurance certificates shall be kept current with the Township during the period the contractor is installing or connecting to the facilities of the Township

Removal of a contractor from performing work on the Township's system may be conducted for any of the following reasons:

1. Contractor fails to maintain the required certificates of insurance specified by the Township.
2. Contractor non-compliance with the Township or Municipal Sewer System requirements.
3. Excessive expenditure of Township personnel time and effort to monitor contractor work performance.
4. Noncompliance with the quality of work required by the Township.

**SECTION 5.09: Review of Submittals**

Review of submittals is only for conformance with information provided in these specifications. Submittals (shop drawings) shall constitute project-specific information, including product literature, product dimensions, manufacturer's instruction, etc. The Developer or its Contractor is responsible for dimensions to be confirmed and correlated on the project site, for information that pertains solely to the fabrication process or to techniques of construction, and for the coordination of the work of all trades.

The procedure for obtaining the Township's review of shop drawings shall be as follows:

1. The Developer shall transmit a minimum of three (3) copies of complete submittals to the Township for review. The submittals shall be accompanied by a letter of transmittal, in triplicate, containing the name of the project, the name of the Contractor, the number of submittals, titles, and other requirements. Unless otherwise specified, such submittals shall be submitted at least fourteen (14) calendar days before they are required for fabrication.
2. The Township and/or its Consultant will review the submittals and provide comments, as required. If no comments are required, a response of "no exceptions are taken" will be provided.

**SECTION 5.10: Collection Sewer Pipes and Fittings (Gravity and Force Main)**

The following pipe and fittings are approved for use:

1. PVC SDR-35 Pipe and Fittings:
  - A. Polyvinyl chloride (PVC) pipe, used for gravity sewer construction, shall meet or exceed the requirements of ASTM D 3034 for 4-inch through 15-inch pipe. The PVC sewer pipe shall have a minimum standard dimension ratio (SDR) of 35 and the minimum pipe stiffness, as tested in accordance with ASTM D 2412, shall be 46 psi when measured under 5 percent deflection at 73 degrees Fahrenheit. Pipe and fittings shall be manufactured with integral wall bell and spigot gasket joints.
2. Ductile Iron Pipe and Fittings:
  - A. All ductile iron pipe furnished for diameters four inches (4") through twenty-four inches (24") shall be manufactured in accordance with ANSI Specifications A21.51, in eighteen foot (18') lengths with single rubber gasket joints. Four inch (4") diameter pipe shall be Class 52 wall thickness, and six inch (6") through twenty-four inch (24") diameter pipe shall be Class 52 wall thickness. All ductile iron pipe shall be lined with PROTECTO 401 Ceramic Epoxy or equal.

Force mains shall be constructed of PVC pressure pipe, ductile iron or high density polyethylene (HDPE). Pipe dimension ratio and pressure classification shall be selected based on system design conditions. All ductile iron fittings on force mains shall be lined with PROTECTO 401 Ceramic Epoxy or equal.

#### **SECTION 5.11: Building Sewer Connections**

Building Sewers constructed as a part of an extension shall be consistent with the requirements of Article IV.

#### **SECTION 5.12: Cleanouts**

Clean-outs in general shall not be permitted as a replacement for manholes; they are however permitted on building sewers and shall meet the requirements of Article IV.

#### **SECTION 5.13: Sewer Pipe and Service Lateral Bedding**

Sewers shall be provided with stone bedding consisting of AASHTO No. 8 coarse aggregate or suitable substitute if recommended to a higher degree by the pipe manufacturer and approved by the Township following the submission of supporting information. Exposed bedrock shall not be considered a suitable substitute. A minimum of six (6) inches of stone is required underneath the pipe with stone bedding to the springline of the pipe. Initial pipe backfill shall be of the same stone from the springline of the pipe to one foot above the pipe.

#### **SECTION 5.14: Sewer Pipe Couplings**

Pipe couplings on mainline sewers shall be ductile iron solid sleeve, mechanical joint by mechanical joint with styrene butadiene rubber (SBR) gaskets. Non-shielded flexible couplings shall not be used.

Repair couplings placed on vitrified clay pipe shall be cradles with concrete having a minimum compressive strength of 3,000 psi. Clay pipe should be very unlikely, but in the event of an acquisition the possible situation is addressed.

#### **SECTION 5.15: Pipe Laying**

All pipe shall be laid true to line and grade, as shown on the plans by use of a laser. The excavation shall be backfilled with stone bedding, thoroughly compacted by machine compactor equipment, and shaped to fit the barrel of the pipe. A minimum of four (4) feet of cover is required over all pipes.

Bell holes shall be excavated at all joints to permit proper assembly of the joint. Joints shall be made in accordance with the manufacturer's recommendation for the type of pipe used.

All pipe and appurtenances shall be carefully inspected before being placed, such that no cracked, broken, or defective pipe or appurtenances shall be used in the work. All pipes shall be laid with bells upstream, and joints shall be made in such a manner that a smooth invert is provided.



The interior of the sewer shall be kept clean as the work progresses, and the open end shall be bulk headed when pipe laying is in progress.

After the pipe has been laid true to line and grade and the joints made properly, the Contractor shall furnish and install select granular backfill material, thoroughly compacted, to a level not less than twelve (12) inches above the crown of the pipe. The backfill material placement and compaction shall be done in a manner which will protect the pipe from damage or misalignment. Pipe which is damaged or moved out of alignment shall be re-laid by the Contractor at his expense.

After the select granular backfill material has been placed and compacted to a level twelve (12) inches above the top of the pipe, the Contractor shall place the backfill in the trench, as required. The trench backfill may be placed by machine methods, provided that the Contractor exercises care to protect the sewer from damage.

#### **SECTION 5.16:      Underground Warning Tape**

For the purposes of early warning and identification of underground wiring and pressure piping during trenching or other excavation, continuous warning tapes shall be provided in all trenches. Tapes shall be buried to a depth of six (6) to twelve (12) inches below finished grade. In pavement, tapes shall be buried six (6) inches below the top of the subgrade. The underground warning tape shall be a magnetic polyethylene tape, three (3) inches wide with 1-inch lettering.

#### **SECTION 5.17:      Manholes**

Sanitary sewer manholes shall be precast reinforced concrete comprised of precast bases, riser sections and top sections, as required. Concrete shall be Type II sulfate resistant Portland cement with a minimum compressive strength of 4,500 psi (at 28 days). Manholes shall be watertight with sections sealed at joints using a double layer of preformed plastic sealing compound (i.e. RAM-NEK, ConSeal, or equal). Manhole diameter shall be selected based on sizing and configuration of inlet and outlet sewers. Except in special instances, flow channels shall be pre-formed to meet design requirements.

Manhole Steps: Reinforced plastic step composed of a steel reinforcing bar completely encapsulated in a polypropylene copolymer compound. Steps shall be pre-aligned vertically.

Pipe Openings: Custom preformed during manufacturing of each base and riser section requiring an opening. Resilient gasket type pipe opening seals to be integrally cast as manufactured by A Lok Products (A-LOK X-Cel Connectors) or Hamilton Kent (Tylox Dual Seal II Series). Provide non-shrink mortar between pipe and manhole opening in accordance with seal manufacturer's recommendation.

Manhole Frame and Cover: Gray cast iron designed for AASHTO HS-20 loading, free of defects. Frame shall bolt to manhole top section using Type 316 stainless steel bolts and washers. Frame and cover shall be Neenah Model R-1753-A, EJIW Model 1890Z1, or equal. Cover to be provided with one piece factory installed neoprene gasket and cover shall be locking. Provide watertight frames and covers where manhole has the potential to be covered by water or as directed by the Township.

**Grade Rings:** Use precast concrete or rubber composite grade rings to level and adjust manhole frames. Match bolt pattern to frame. Seal between grade rings and between grade rings and manhole components using preformed plastic sealing compound or waterproof mortar, where applicable.

**Installation:** Install manhole on 8 inches of compacted 2A course aggregate.

#### **SECTION 5.18: Connection to Existing Manholes**

Connect to existing manholes by cutting the required opening using core boring. Seal between the pipe and opening with an expandable sleeve. While boring or making the connection, do not permit groundwater, surface water or debris from entering the sewer system. Remove and reform the flow channel as required to accommodate the new connection.

#### **SECTION 5.19: Connecting to Existing Sewer**

The new sewer shall be constructed at a uniform grade to meet the existing sewer at a slightly higher invert elevation than the invert of the existing sewer at the point of proposed connection.

For proposed sewers of a diameter equal to the existing sewer, a new manhole, pipe, and repair couplings shall be installed. A bypass pumping operation shall be required. A section of pipe shall be removed, and then the new manhole with two sections of pipe and repair couplings (which meet Township specifications) shall be installed between the existing sewers. Dog house manholes shall not be permitted. The new sewer invert shall be 0.10 feet to 0.25 feet higher than the existing upstream invert. Prior to ending the bypass operation, the new manhole shall be vacuum tested to specifications as required in these Rules and Regulations.

Proposed sewers of a diameter larger than the existing sewer to which it is to be connected will not be normally permitted without providing additional capacity to the existing sewer.

#### **SECTION 5.20: Notification of Township Inspector**

The Developer shall give advance notice to the Township's representative when facilities are ready to be connected to the Township System. This advance notice shall be 24 to 48 hours (not including weekends or holidays) prior to the requested time of the inspection. Inspections and tests shall only be performed during the hours posted by the Township's inspector.

**SECTION 5.21: Air Testing of Gravity Sewers**

An air test shall be performed on all gravity sewer lines including Collection Sewers, Building Laterals and Service Laterals in accordance with the applicable ASTM Test Method for the respective pipe material and size. Develop and review test procedures with the Township's representative prior to the test. Air tests shall be conducted in the presence of the Township's representative on the line being installed from the point of connection to the end.

After the air test has been completed and the installation approved, the remainder of the trench shall be backfilled, compacted, and restored with clean earth void of rock, wood, or other similar debris. The entire backfill process shall be carried out carefully so as not to disturb the pipe.

Use of a new connection to the Sewer System will not be permitted until the installation has been inspected, tested, and approved in accordance with the Township's procedures.

**SECTION 5.22: Vacuum Testing of Manholes**

All new manholes shall be vacuum tested in accordance with ASTM C1244, "Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill". Develop and review test procedures with the Township's representative prior to the test. Existing manholes that have been modified will be subjected to a visual test.

**SECTION 5.23: Miscellaneous**

Any necessary infrastructure not specified above shall be submitted to the Township for approval. This shall include low pressure sewer systems, pumping stations or any other infrastructure deemed necessary for connection to the Township's system.

## **ARTICLE VI - MAINTENANCE OF SEWER FACILITIES**

### **SECTION 6.01: Developer Responsibility Related to Extensions**

The maintenance, repair or replacement of the Collection Sewer, Service Laterals and Building Laterals shall be the ultimate responsibility of the Developer until the system is accepted by the Township. The Maintenance Bond required as part of the Construction Agreement will also place responsibility on the Developer for a specified period of time.

### **SECTION 6.02: Township Responsibility – Laterals and Collection System**

The Township will accept ownership and maintain the system as provided for in the Construction Agreement.

### **SECTION 6.03: Property Owner Responsibility – Building Sewer**

Where properties are connected directly to the Township's system, the maintenance, repair or replacement of a Building Sewer shall be the obligation of the Property Owner. Responsibility for the Building Sewer portion is shown on Detail DT12 (Sanitary Building Sewer Detail) of the connection specifications packet. The edge of the public right-of-way or sewer easement will be the separation line to designate either Township or Property Owner Responsibility. If a building sewer is frozen, the Customer/Property owner is responsible for thawing, and the Township shall have the right to inspect, and require relocation to four (4) foot or greater depth. The Township will not be responsible for any accidents, breaks, or leakage that in any way are due to the connection with the building sewer connection.

### **SECTION 6.04: Procedures and Notification for Maintenance and Repair**

Maintenance and repair of the sewer service lines or Building Sewers, including the cost thereof, will be the responsibility of the user, Customer or property Owner. No work shall be done on any sewer service line or Building Sewer without prior approval from the Township. All work shall be subject to inspection by the Township during the performance thereof. The Township shall have the right to do all work with respect to connections to the main sewers and charge the user, Customer or property Owner for the cost of such work. The resident/customer/contractor shall call the Township office 24 to 48 hours (not including weekends or holidays) in advance to schedule the inspection. Inspections and tests shall only be performed during the hours posted by the Township's inspector except in the case of an emergency.

### **SECTION 6.05: Meter Responsibility for Non-Residential Customers**

In the case of the non-residential (commercial) customer, without public water, a water meter shall be required to be installed on the customer's well water line. Responsibilities are summarized below, and then described in detail in Sections 6.05.01 and 6.05.02:

1. Water meter and reading device purchased and provided by Township.

2. Non-Residential Customer shall be responsible to coordinate with a plumber to install the water meter on their well water line.
3. Erie Water Works will attach/install an electronic reading device to the already installed meter.
4. Purchase of replacement meter see section 6.05.01.

#### **6.05.01 Meter Ownership, Installation, Maintenance, and Testing**

The Township will furnish for each Non-Residential Customer, without charge, a suitable meter with electronic reading device, and will keep the same in repair. All Township meters will be owned by the Township and remain the property of the Township and shall be accessible to the Township and subject to its control. The Customer, however, shall properly protect the meter from damage by frost or other causes and shall be held responsible for repairs or replacement of the meter and any of its appurtenances made necessary by the negligence or intentional act of the Customer. In the event the customer challenges the accuracy of the meter, the customer will be responsible for all charges incurred as part of having the meter tested, in addition to a 10% administrative charge for the Township coordinating the testing. The test would be performed by a qualified, licensed entity approved by the Township.

#### **6.05.02 Meter Location and Accessibility**

The Non-Residential Customer shall provide a safe, readily-accessible, and protected location inside the building for the installation of a meter. The installation of the meter shall be at a location which measures the entire amount of water being conveyed to the sewer system from the premise. The location must be acceptable to the Township as most convenient so the meter may be easily examined, read, or removed. A standard detail for an Inside Meter Setting can be found in Appendix E.

The Township will have the right to access the meter for inspection, service or reading purposes. If at any time, access to the meter is denied or is a safety issue, the Township shall have the right to require the meter to be installed in an outside meter pit which would be purchased and installed by the customer. The meter pit/vault, if required, shall in all cases be owned and maintained by the Non-Residential Customer.

#### **6.05.03 Remote Meter Reading Device**

After the meter is installed, the non-residential customer shall be responsible to contact Erie Water Works to schedule the installation of a remote meter reading device. The device shall be supplied by the Township. Installation of the remote meter reading device shall be performed by Erie Water Works. The electronic device may be mounted either inside the building or on an exterior wall of the building. The same rules apply for the customer to protect the device as apply for the meter in section 6.05.01.

**SECTION 6.06:     Grinder Pump Responsibility**

After initial construction, of the sewer system. Grinder Pump responsibility will be as follows:

1.     The customer will purchase and pay for installation of a grinder pump which meets Township specifications.
2.     The Township will then maintain, replace and inspect the grinder pump.

## **ARTICLE VII - INFILTRATION AND INFLOW**

### **SECTION 7.01: Prohibition of Infiltration and Inflow**

Each Developer, property owners and subsequent customers connected to the Township Municipal Sewer System are prohibited from introducing extraneous flows that are not directly derived from a legal connection to the sewer system.

### **SECTION 7.02: Illegal Connections**

The discharge of roof, storm, surface, or building foundation water or drainage into the sewer is expressly prohibited. Floor drains in basements subject to groundwater infiltration or flooding must also be removed, permanently sealed, or otherwise not connected to the Building Sewer.

### **SECTION 7.03: Inspection and Discharge Regulations**

The Township shall perform the following:

At the time of the inspection of the Building Sewer, and from time to time as determined by the Township, Township representatives shall have the right to inspect the facilities at the observation port to determine whether the facilities connected to the Sewer System are in conformance with the applicable Rates, Rules and Regulations.

All water contaminated by use must be discharged into the sewer including water from sinks and washing machines. Illegal connections must be immediately removed from the system.

## **ARTICLE VIII - RATES, CHARGES, TERMINATION, COMPLAINTS, AND BILLING**

### **SECTION 8.01: Tapping Fees**

For each connection made to the Sewer System, the Township reserves the right to impose the following charges. At such time the Township decides to impose said charges, they shall be incorporated into the Rate Resolution.

1. For all connections made to the Sewer System (including the existing system, additions to the system and capped sewers whether built by the Township or built by or at the expense of developers), a **Tapping Fee** shall be imposed to reflect the value of service readily available for use and to reflect the capital costs associated with the Township's wastewater facilities.
2. This Fee shall also be imposed whenever: (1) a new building or facility is connected to an existing Building Sewer or the internal drainage system of an existing building or facility; (2) an existing building or facility is expanded in such a way that the generated quantity of wastewater is likely to exceed the current EDU classification. Flow estimates shall be made by the Township based on sound engineering practice.
3. Said Tapping Fee shall be as shown on the Rate Resolution and shall be due and payable at the time the application for connection is filed. Said Tapping Fee shall be in addition to any and all other fees and charges pursuant to this Article.
4. Review of Tapping Fees Charged For Non-Residential (Metered Customers)

All non-residential connections to the public sewer system shall be subject to a one-time look-back audit after connection to the public sewer system. The audit period shall end at the end of the first full thirty-six (36) calendar months following the customer's connection to the public sewer system. The applicant for service will have the opportunity to provide an estimated water use per year. If the applicant is not able to provide a consumption data estimate, the initial EDU value will be estimated from actual water usage from a substantially similar facility. Other methods available to determine water data would be DEP's Wastewater Facilities Manual and/or technical publications such as "Wastewater Engineering" by Metcalf and Eddy.

At the end of the audit period, the actual volume of sewage flow delivered to the sewer system during that period, as determined by the Township, shall be compared to the capacity (EDUs) the customer applied for and for which the tapping fee had been paid. The Township will examine the monthly flow data and determine the average of the highest six (6) consecutive months over the entire period vs. the flow the customer originally applied for and paid for, or subsequently purchased. If the amount of the tapping fee paid is delinquent by one or more whole EDUs, the customer will be billed for the amount of the tapping fee attributable to the flow above the purchased capacity (EDUs). The additional tapping fee will be due and payable to the Township by the property owner upon receipt. In the case of an excessive tapping fee paid, the Township shall credit or refund the property owner



for the whole EDUs paid in excess. The tapping fee cost paid or refund due per EDU will be at the rate at the time of the initial connection.

5. If two (2) or more residential units, stores, offices, industrial units, etc., are connected to the Sewer System through a single lateral, or if two (2) or more types of uses are made of the same Improved Property, the Tapping Fee shall be computed as though each residential unit, store, office, industrial unit, etc., were a separate Improved Property or user with a separate connection to the Sewer. In other words, multiple uses of the same building are additive.

### **SECTION 8.02: Reservation of Capacity**

The Township reserves the right to impose the following charges. At such time the Township decides to impose said charges, they shall be incorporated into the Rate Resolution.

1. By specific resolution of the Township, a Reservation of Capacity Fee shall be imposed upon the Developer based on requested reserve capacity for future development, either directly or by submitting a Planning Module for the Township's approval.
2. The Reservation of Capacity Fee shall be in an amount established from time to time by the Township and shall be billed and collected at the same time and in the same manner as the Sewer Rentals or Charges imposed by the Township for the users of the Sewer System.
3. Reservation of capacity and payment of the Reservation of Capacity Fee shall be limited to one year. Connection to the sewer system must be completed within (60) days of the end of that year.

### **SECTION 8.03: Sewer Rentals or Charges**

Refer to the latest resolution setting sewage rental rates/charges.

### **SECTION 8.04: Surcharges for Excess Strength Compatible Pollutants**

1. Initial Survey
  - A. The Township may make an initial survey of the discharge from nonresidential establishments to determine the applicability of the Surcharge.
 

The survey shall consist of suitable sampling and analysis of the wastewaters for three (3) consecutive days during a period of normal industrial or commercial operation.
  - B. Based on the survey results, the Township may institute the Surcharge and/or require the Owner to provide such tests, equipment, and information as will provide a further basis for determination of the Surcharge.

2. Frequency of Surcharge Monitoring: After the initial survey the Township shall determine the frequency of surcharge monitoring; provided, however, subsequent monitoring shall be conducted at least annually for three consecutive days during a period of normal industrial or commercial operation.
3. Data to Determine Surcharge
  - A. Where the Township determines that accurate information exists, the surcharge shall be based on the volume of wastewater used for billing purposes for the appropriate period and the concentration of surchargeable pollutants measured in a composite sample taken over the duration of the discharge or twenty-four (24) hours, whichever is shorter. Where the discharge exceeds twenty-four (24) hours, the composite sample shall form the basis for surcharge billing until such time as the Township, on its own initiative or upon request of the Owner, takes another 24-hour composite sample.
  - B. Where the Township determines that accurate information does not exist, the surcharge shall be based on the Township's estimates of wastewater volume and concentration of surchargeable pollutants for the appropriate period as determined by:
    - 1) a grab sample, or;
    - 2) typical concentrations for similar operations as published in technical literature, or;
    - 3) wastewater surveys of discharges from other similar operations.
  - C. The cost of obtaining all information required to determine the surcharge shall be borne by the customer. This includes, but is not limited to, the costs of sample collection, flow measurement, and laboratory analysis.
  - D. In establishing pollutant concentrations for surcharge purposes, all analyses shall be made in accordance with the latest edition of "Standard Methods".
4. Surcharge Limits and Calculation
  - A. Discharges are subject to surcharge at the rates shown in the Rate Resolution when the concentration of the pollutant exceeds the threshold limit. The Rate Resolution will be amended/revised when an industrial customer applies.
  - B. The rate shall apply to each milligram per liter (mg/l) per million gallons (MG) by which the pollutant concentration exceeds the threshold limit.

#### **SECTION 8.05: Industrial Waste Discharge Permit Fee**

Each application for an Industrial Wastes Discharge Permit shall be accompanied by a fee. The amount of the Fee shall be as calculated and added to a revised Rate Resolution, when an industrial customer applies for service.

**SECTION 8.06: Estimated Charges**

Whenever any customer discharges or permits to be discharged any material into the Sewer System by any means other than through a connection approved in accordance with these regulations, the Township reserves the right to estimate the quantity and strength of the material and to make an appropriate charge based on such estimate.

**SECTION 8.07: Billing and Collection Procedures**

Billing and collection procedures shall be in accordance with the Sewer Billing and Collection Services Agreement with Erie Water Works.

**8.07.01: Billing Frequency**

Bills will be rendered for sewage services on a monthly basis as established in the Sewer Billing and Collection Services Agreement with Erie Water Works.

**8.07.02: Due Date**

All bills will be due and payable in accordance with the Erie Water Works billing procedures.

**8.07.03: Methods of Payment**

Payments will be accepted in accordance with Erie Water Works policies and procedures.

**8.07.04: Tenant/Landlord Billing – Responsibilities/Procedures**

The owner of the property shall be ultimately liable for any and all services, repairs, charges, and damages that occur at the property, whether or not authorized by the owner. As a courtesy, Greene Township will bill sewage services to a designated party, or tenant. In order for this to occur, the owner will be required to sign a Tenant Service form at the Greene Township Municipal Building. By signing this Tenant Service form, the owner agrees to be responsible for any delinquent account balance(s) as a result of the courtesy billing. Greene Township will establish a third party notification for billings and delinquent notices, which shall be sent directly to the owner's address and duplicates will be mailed directly to the designated tenant(s). Upon a change in occupants, the owner shall request a final bill. The bill will be mailed to whomever the owner specifies, however, if a final bill remains unpaid for a period of thirty (30) days; the owner will be responsible for payment in full. Only non-rate paying tenants are eligible for the relief offered by the Utility Service Tenants Rights Act.

**SECTION 8.08: Additional Meters****8.08.01 Deduct Meter for Non-Residential Customer**

Where a customer may use water in a process which does not enter the sanitary sewer, the Township will consider installation of a deduct meter on an individual case basis. Deduct meter installations shall only occur in accordance with Erie Water Works policies and procedures. Greene Township shall not be responsible for any costs related to deduct meter installations.

**8.08.02 Battery Meter Setting**

Under certain conditions where there is a demand or necessity for uninterrupted water service, in order to eliminate inconvenience to both the Customer and the Township when repairs to or replacement of the meter is necessary, the Township may require or the customer may request the installation of a battery meter on the service line. Such installation shall be properly valved to control or cut any single meter out of service and permit its removal without interruption of service through the remaining meter. In cases where meters are so installed or where the Township requires more than one meter, bills will be separately rendered for each meter, the cost of the meter and all appurtenances including installation, maintenance and future replacement to be paid by the Customer. Billing will be as set forth in the Rate Resolution in accordance with the Sewer Billing and Collection Services Agreement with Erie Water Works.

**SECTION 8.09: Fines for Improperly Reported EDUs**

Whenever it appears that the connection of a property to the Sewer System has been improperly made, reported or whenever it appears there has been a violation of the Rates, Rules and Regulations of the Township, the Township reserves the right to charge a fine of \$100 for each day the property is improperly connected to the Sewer System or has been improperly reported.

**SECTION 8.10: Termination, Discontinuance, Renewal or Suspension of Service**

The following will be descriptions of different types of termination and renewal of sewer service.

**8.10.01 Termination of Service by Customer**

Termination of active service does not relieve of minimum charges for unoccupiable premises. All terminations of service must be in compliance with the Mandatory Connection Ordinance.

**8.10.02 No Discontinuance of Service by Customer**

If a premise is being billed at flat rate, the sewer service and fees will stay active until a residence or property is sold and sewer service is transferred to a new Owner. In the case of a metered commercial customer, the minimum monthly fee will be based on one (1) EDU of service. The only time a customer can ask to terminate service and fees is when the premise can be disconnected or shut off from Public Water Service.

**8.10.03 Termination of Service by Township**

Termination of service by the Township because of non-payment of a bill does not cancel service. Termination of service by the Township can occur for any of the following reasons, but not limited to:

- A. Termination of service by the Township because of non-payment of a bill does not cancel sewer service.

- B. Misrepresentation in the Application for Service.
- C. The use of the service for or in connection with or for the benefit of any other Premise or purposes other than those described in the application.
- D. Failure to maintain service line in good condition.
- E. Tampering with pipe, meter, seal other fixtures, etc.
- F. Refusal of access to pipes, fixtures, inside plumbing.
- G. Refusing to make advance payments or non-payment of service.
- H. Premises using so much water they inhibit/reduce capacity for others.
- I. Character of waste detrimental to sewer or not in accordance with requirements.
- J. Unauthorized use by others of the Building Sewer.
- K. Premises where apparatus, appliances or equipment using sewers is unsafe and dangerous and not in conformity with any rules or regulations.
- L. Fraud or abuse.
- M. Violation of these Rules and Regulations.

**8.10.04 Past Due Notification Process**

As set forth in the current service Agreement with Erie Water Works.

**8.10.05 Fees Associated with Past Due Notifications, Termination & Renewal of Service**

Fees will be charged for past due notifications as set forth in the Rate Resolution. Actual termination and/or renewal of service shall be the actual cost incurred by the Township plus an additional 15% for administrative costs.

**8.10.06 Suspension of Service Due to Emergency**

In case of breakdown, emergency or any other unavoidable cause the Township has the right to interrupt or cut-off service temporarily in order to make repairs, connections and do any other such work.

**8.10.07 Notice of Emergency Shut-Off Not Needed**

Nothing contained herein shall be construed as a guarantee by the Township to give notice of any shut-off or interruption of service due to emergencies or otherwise.

**8.10.08 Disconnection of Property**

In the case of a building demolition, the sanitary sewer lateral(s) shall be physically disconnected from the Sewer System at the right-of-way line.

In all cases of disconnection, the Township must be provided the opportunity to witness the disconnection which shall be concrete plugged to preclude ground water infiltration.

Re-establishment of service to the property shall require the prevailing tapping fee to be paid and new lateral(s) constructed to the prevailing standards of these Rules and Regulations.

**SECTION 8.11 Customer Complaint Procedure and Relief**

Customer complaints will be accepted and responded to as outlined below:

**8.11.01 Initiation of Complaint or Problem**

Any problem concerning service, billing or Customer complaints must be directed to Greene Township in a written letter to:

Greene Township Municipal Sewer System  
9333 Tate Rd  
Erie, Pennsylvania 16509

Or by email to: [greene@mygreenetownship.com](mailto:greene@mygreenetownship.com). NO text or phone messages will be accepted.

**8.11.02 Procedure**

A. All complaints submitted as stated in 8.11.01 must contain the following:

- 1) Complainants name, physical address, email if applicable, phone number.
- 2) Statement of the problem or complaint.
- 3) The relief requested
- 4) Justification as to why the relief is requested
- 5) How the Customer requests to be responded to: phone, email, letter.

B. Township staff will review and respond within 15 days of the date the complaint is received.

C. Appeals if customer is not satisfied can be made during a regularly scheduled monthly Township Meeting. Customer must register to speak at the meeting.

**SECTION 8.12 Authority of Township Regarding Bills, Charges and Complaints**

Township Supervisors shall have the power and right to adjust bills, waive charges and to make decisions which are not inconsistent with these Rules and Regulations as fairness may require on an individual basis.

**ARTICLE IX - NO ABATEMENT OF RENTALS OR CHARGES**

**SECTION 9.01: No Abatement Except for Physical Disconnection**

There shall be no abatement of Sewer Rentals or Service Charges imposed by this Resolution unless the property for which an abatement has been requested has been physically disconnected from the Sewer System in a manner satisfactory to the Township.

## **ARTICLE X - GENERAL RESTRICTION OF HARMFUL DISCHARGES**

### **SECTION 10.01: No Connection Allowed and Disconnection for Harmful Discharges**

In order to prevent discharges deemed harmful, or to have a deleterious effect upon any portion of the Sewer System, the Township reserves the right to refuse permission to connect to the Sewer System, to compel discontinuance of use of the Sewer System, or to compel treatment of wastewaters by any person using the Sewer System. Nonresidential establishments are, also, subject to the additional requirements of Article XI.



## **ARTICLE XI - INDUSTRIAL WASTE CONTROL REGULATIONS**

### **SECTION 11.01: General Provisions**

1. Purpose of Article XI
  - A. This Article sets forth the uniform requirements for Industrial Users of the Township's treatment system. It enables the Township to comply with State and Federal laws and regulations.
  - B. The provisions of this Article assure continuity of wastewater treatment, help prevent violation of the Township's NPDES permit, and protect the treatment system from damage.
2. Objectives of Article XI
  - A. To prevent the introduction of pollutants into the treatment system which will interfere with the operation of the system or contaminate the resulting sludge;
  - B. To prevent the introduction of pollutants into the treatment system which will pass through the system, inadequately treated, into receiving waters or the atmosphere;
  - C. To improve the opportunity to recycle and reclaim wastewaters and sludges from the system.
3. Scope of Article XI: This Article shall apply to all Industrial Users of the treatment system, including those who are such by contract or agreement with the Township and regardless of whether such Industrial Users are located within or outside of the Municipality.
4. Administration of Article XI: Except as otherwise provided herein, the Township shall implement, administer and enforce the provisions of this Article.

### **SECTION 11.02: Discharge Permits**

1. Permits Required: All Significant Industrial Users proposing to connect to or discharge into the treatment system must obtain a permit before connecting to or discharging into the treatment system. All Significant Industrial Users currently connected to or discharging into the treatment system must apply for a permit within 60 days after notification from the Township that a permit is required. A separate permit shall be required for each wastewater connection discharging, directly or indirectly, into the sewage system. For each user having multiple connections at a single plant or facility, a single permit shall be required which may set forth specific effluent limitations and conditions for discharge from each separate connection.
2. Compliance Required: No permit holder shall discharge wastewater in excess of any permit limitations. Any permit holder proposing to modify its discharge in a manner which would violate any permit limitations must apply for an amended permit.

3. Permit Applications: Persons seeking a permit shall coordinate with the Township and complete and file with the Township an Industrial Waste Discharge Application accompanied by any applicable fees. Permit Application Form is located in Appendix G. The applicant shall submit, in units and terms appropriate for evaluation, information including but not limited to:
  - A. Name, address, and telephone number of applicant and the name and current mailing address of the owner of the premises from which the Industrial Wastes are intended to be discharged.
  - B. Daily average volume of wastewater to be discharged.
  - C. Schedule of all process waste flows produced before and after pretreatment at said premises, including the daily volume, and wastewater constituents and characteristics as determined by representative samples and analyses done by a qualified laboratory acceptable to the Township and in accordance with "Standard Methods".
  - D. Estimated time and duration of discharge within a twenty percent (20%) tolerance.
  - E. Estimated hourly peak wastewater flow rates, including daily, monthly, and seasonal variations within a twenty percent (20%) tolerance.
  - F. Site and plumbing plans showing all connections to the sewage system and describing any pretreatment facilities.
  - G. A description of activities, facilities, and plant processes on the premises, chemical storage areas (including a list of stored chemicals), all process waste materials which are, or could be, discharged, (excluding proprietary information concerning process and products).
  - H. Type, classes or products produced.
  - I. The average number of employees and normal hours of work.
  - J. Any other relevant information the Township may deem to be necessary to evaluate the permit application.
  
4. Processing and Issuance of Permits: The Township will evaluate all permit applications and may require additional information from the applicant to complete the evaluation. Within sixty (60) days of the receipt of all of the required data, the Township will issue a draft permit or deny the permit. The applicant will then be allowed a thirty (30) day comment period. Upon the expiration of the comment period, or upon the expiration of ninety (90) days from the date the data has been received, the Township shall issue or deny a permit. Issuance of a permit shall not relieve the user from complying with all applicable laws, regulations, and ordinances promulgated by other government authorities, nor shall the issuance of a permit be

construed as a representation by the Township that the discharge permitted therein complies with such laws, regulations, and ordinances. Permits are issued solely to govern the discharge of wastewater into the sewer system and shall not be construed to benefit any third party.

5. Permit Restrictions: Permits shall be expressly subject to all provisions of the Rates, Rules, and Regulations, user charges, and fees of the Township. By way of example, permit restrictions may include, but shall not be limited to, the following:
  - A. Limits on the average and maximum wastewater constituents and characteristics
  - B. Limits on average and maximum rate and time of discharge, or requirements for flow regulations and equalization
  - C. Requirements for installation and maintenance of inspection, flow metering, and sampling facilities
  - D. Specifications for monitoring programs which may include sampling locations, frequency and method of sampling, flow metering, number, types and standards for tests and reporting schedule
  - E. Requirements for submission of periodic discharge reports which may include information concerning volume, rate of flow, constituent concentrations, peak flow rates, hours of operation, number of employees, or other information
  - F. Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the Township and affording Township personnel access thereto
  - G. Requirements for notification of the Township of any new discharge of wastes or any substantial change in the volume or character of the wastewater constituents being introduced into the treatment system
  - H. Requirements for notification of Slug Loading
  - I. Requirements for pretreatment
  - J. Prohibition of discharge of certain wastewater constituents
  - K. Requirements for the protection of the sewage system
  - L. Other conditions as deemed appropriate by the Township to insure compliance with all applicable local, State, and Federal regulations.

6. **Duration of Permits:** Permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The user shall apply for permit reissuance a minimum of 60 days prior to the expiration of the user's existing permit.
7. **Modification of Permits:** The terms and conditions of any permit are subject to change by the Township during the life of the permit to accommodate changed conditions including but not limited to: changes in local, State, and Federal laws or regulations, or in event of variation in reported data as provided in Section 11.04 (C) (4). Permit holders shall be informed of any proposed changes in their respective permits at least sixty (60) days prior to the effective date of change, and shall be allowed a comment period relating to any of the proposed changes in their permits within the first thirty (30) days after issuance of such proposed changes by the Township. The Township shall allow a user a reasonable period of time to comply with any changes in the permit required by the Township, unless otherwise required by emergency or governmental regulations.

Nothing in this paragraph is intended to preclude the Township from taking immediate action to temporarily modify a permit when there is imminent risk of damage to the treatment system or injury to the health and welfare of the public or to the environment.

8. **Transfer of Permit:** Permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be assigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation without the written approval of the Township.

### **SECTION 11.03: Discharge Requirements**

1. **National Pretreatment Standards**
  - A. **Prohibited Wastewater Discharges**
    - 1) **General Prohibitions:** No user shall discharge any wastewater which will pass through or interfere with the operation or performance of the treatment system.
    - 2) **Specific Prohibitions:** No user shall discharge any of the following pollutants into the treatment system:
      - a. Any flammable liquids, solids or gases, or any materials which interact with other substances to cause a fire or explosion. Prohibited materials include, but are not limited to: gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, and sulfides.
      - b. Any solid or viscous substance that may cause obstruction to

flow in the sewer system or be detrimental to the treatment system operation. These substances include, but are not limited to: ashes, cinders, sand, mud, straw, shavings, metal, glass, feathers, tar, wood, paunch manure, hair, paper products other than toilet tissue, plastics, and rags.

- c. Any wastewater containing more than 100 ppm by weight of fats, oils, and grease (FOG).
- d. Any wastewater containing any garbage that has not been ground by a household type or other suitable garbage grinder.
- e. Any pollutant that will cause or contribute to corrosive damage or hazard to the structure, equipment or personnel of the treatment system; in no case shall discharges have a pH less than 6.0 s.u. or higher than 9.0 s.u.
- f. Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, to constitute a hazard to humans or animals, to create a toxic effect in the receiving waters of the treatment system, or to exceed the limitations set forth in a Federal Categorical Pretreatment Standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307 (a)(1) of the Clean Water Act.
- g. Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.
- h. Any pollutant that will cause the effluent or any other product of the treatment system such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the treatment system cause the sludge produced to be in non-compliance with disposal criteria, guidelines, or regulations developed under Section 405 of the Act; or any criteria, guidelines or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or State Criteria applicable to the sludge management method being used.
- i. Any wastewater with objectionable color not removed in the treatment process, such as, but not limited to, dye wastes and vegetable tanning solutions.

- j. Any heated wastewater that exceeds a temperature of 65 degrees C (150 degrees F) or that is sufficient enough to increase the temperature of the treatment system's influent above 40 degrees C (104 degrees F).
- k. Any pollutant, including oxygen demanding pollutants (BOD5, COD, etc.) released in a discharge of such volume or strength as to result in interference with the treatment system.
- l. Any wastewater containing pollutants of such character or quantity that special and unusual attention is required for their handling.
- m. Any non-biodegradable oils of mineral or petroleum origin;
- n. Any radioactive wastes or isotopes of such half-life or concentration that causes violation of local, State or Federal regulations.
- o. Any waters not intended for treatment by the treatment system including, but not limited to storm water, surface water, groundwater, roof runoff, or subsurface drainage.

B. Categorical Standards

- 1) The provisions of 40 CFR Section 403.6 and any categorical pretreatment standards promulgated by the Environmental Protection Agency for a particular industrial subcategory shall be incorporated herein by reference.
- 2) Industries subject to Federal Categorical Pretreatment Standards shall comply with all of the requirements thereof including the reporting requirements of 40 CFR Section 403.12.

C. Township Municipal Sewer System Standards

- 1) The Township reserves the right to establish more stringent standards or limitations on discharges to the treatment system if deemed necessary to comply with the objectives of this Article of the Rates, Rules and Regulations.
- 2) Nothing in this Article shall be construed as preventing any special agreement between the Township and any user of the treatment system which would allow compatible pollutants of unusual strength or character to be accepted into the system and specially treated. This agreement, however, shall not waive any of the National Pretreatment Standards unless such a waiver is granted by mechanisms established under the Pretreatment Regulations.

D. Accidental Discharges and Slug Loadings

- 1) Each user shall provide protection from accidental discharges and Slug Loadings. Facilities to prevent accidental discharges and Slug Loadings shall be provided and maintained at the user's own expense. In the case of an accidental discharge or Slug Loading, the user shall notify the Township immediately by telephone. The notification shall include the location of the discharge, type, volume, and concentrations of the waste, and the corrective actions taken.
- 2) Within five (5) days following an accidental discharge or Slug Loading the user shall submit to the Municipality and simultaneously to the Township a detailed written report describing the cause of the discharge and the measures which will be taken by the user to prevent similar occurrences.
- 3) Such notifications outlined above shall not relieve the user from exposure to enforcement action as provided herein or from applicable surcharges.
- 4) If an accidental discharge or Slug Loading causes a situation which results in extra expense for the Township, the Municipality in which the responsible user resides shall reimburse the Township for such extra expense. Such situations include, but are not limited to: causing an obstruction or damage to any part of the treatment system, causing a violation of an applicable government law or regulation which results in a fine imposed on the Township, and any other damage to persons, property, animals, fish, or the receiving waters of the treatment system.

E. Dilution Restriction: No user shall ever increase the use of process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the Federal Categorical Pretreatment Standards, or with any other pollutant-specific limitation developed by the State or Township unless expressly authorized to do so in writing.

F. Pretreatment: Users shall provide necessary wastewater treatment as required to comply with this Resolution and shall achieve compliance with all Federal Categorical Pretreatment Standards within the time limitations as specified by the Federal Pretreatment Regulations. Any facilities required to pretreat wastewater to a level acceptable to the Township shall be provided, operated, and maintained at the user's expense. Detailed plans showing the pretreatment facilities and operating procedure shall be submitted to the Township for review. The Township shall indicate its acceptance in writing before construction of the facility may begin. The review of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the Township under the provisions of this resolution. Any subsequent changes in

the pretreatment facilities or method of operation which may result in material changes in the characteristics or volume of wastewater discharged to the treatment system shall be reported to the Township which shall indicate its acceptance thereof in writing prior to the user's initiation of the changes.

#### **SECTION 11.04: Reporting and Monitoring**

1. Users Subject to Categorical Standards: Baseline reports, compliance schedules, reports on compliance with categorical standard deadlines, and periodic reports on continued compliance shall be submitted to the Township in accordance with and as required by 40 CFR Section 403.12. The Township reserves the right to require additional monitoring and reporting beyond that required by the Federal Regulation.
2. Users Not Subject to Categorical Standards: Users may be required to periodically submit certain information to the Township. Measurements may be required, including but not limited to: flow rates, flow volumes, and concentrations of particular constituents of the wastewater. These measurements and reports thereof shall be made as frequently as necessary to comply with the terms and conditions of the user's permit or as required by the Township.
3. General Requirements
  - A. All wastewater analyses shall be conducted in accordance with appropriate procedures contained in "Standard Methods". If no appropriate procedure is contained therein, a standard procedure acceptable to the Township will be provided by the Township and shall be used to measure the wastewater constituent concentrations.
  - B. The Township may require any user to construct and maintain a wastewater monitoring facility of a design or configuration acceptable to the Township and sufficient to accomplish monitoring requirements.
  - C. The sampling, analysis, and flow measurement procedures, equipment, data and test results shall be subject at any reasonable time to inspection by the Township. Flow measurement systems and all appropriate equipment shall be regularly calibrated in accordance with the manufacturer's recommendations.
  - D. Should measurements or other investigations indicate that the user has discharged wastewater, the constituents of which are significantly different in quantity and quality from those stated, the Township shall notify the user and require that the user furnish all information in his possession relevant to the apparent variance.
  - E. Adequate identification shall be provided for all of the Township's inspectors and other authorized personnel, and these persons shall identify themselves when entering any property for inspection purposes.



- F. Authorized personnel of the Township shall be provided access to all facilities directly or indirectly connected to the Township's Municipal Sewer System at all reasonable times, and whenever subject to emergency conditions.
4. Surcharge Monitoring: Monitoring of wastewater for purposes of establishing a surcharge for excess strength compatible pollutants (e.g. BOD5) shall be in accord with Section 8.09 or the Rates, Rules, and Regulations. The frequency of surcharge monitoring shall be stated in the user's permit.

#### **SECTION 11.05: Violations and Enforcement**

1. Hazardous Discharges Necessitating an Emergency Response, Including Temporary Termination of Service
- A. The wastewater treatment service and/or a Permit may be temporarily terminated when in the opinion of the Township or Operations Superintendent it is necessary to stop an actual or threatened discharge which presents or may present an imminent and substantial danger to the health or welfare of persons or to the environment, or which causes or has the potential of causing interference with the treatment system or violation of any condition of the Township's NPDES permit.
  - B. If, in the opinion of the Township or Operations Superintendent, the exigencies of the situation require immediate action, the Township shall take such steps as deemed necessary, including immediate severance of the sewer connection, without giving the user prior notice. Where practicable, however, the Township shall make reasonable attempts to promptly notify the user, in person or by telephone, of the taking of any action. Further, within 48 hours of any temporary termination of service or other action, the Township shall either place in the mail or personally deliver to the user a notice of the termination or other action taken.
  - C. Any user notified of a suspension of the wastewater treatment service and/or their Permit shall immediately stop or eliminate contribution to the treatment system. In the event of a failure of the user to comply voluntarily with the suspension order, the Township shall take steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the treatment system or endangerment to any individuals.
  - D. Suspension shall continue until such time as, in the opinion of the Township or Operations Superintendent, suspension is no longer necessary under (A) (1).
  - E. A detailed written report describing the causes of the hazardous discharge and the measures taken to prevent any future occurrence shall be submitted by the user to the Township within five (5) days of the date of occurrence.

- F. Any user aggrieved by a suspension under (A) (1) shall have the right to an informal conference with the person who ordered the suspension. Such conference shall be held within 48 hours of receipt of a written request therefore.
- G. The user shall be afforded all of the rights of a party under the Local Agency Law, 2 Pa. C.S.A. 551-555, 751-754.

2. Other Violations

- A. The user shall submit to the Township a detailed report concerning any discharge which does not comply with the requirements of this Article or the user's permit. Such report shall be made within ten (10) days of the discharge and shall include information on the cause of the discharge and corrective measures to be taken to prevent future occurrence.
- B. Whenever the Township finds that any user has violated or is violating his permit, or any prohibition, limitation or requirement contained herein, the Township shall issue to such user a written notice stating the nature of the violation. Upon receipt of notification the user shall prepare a detailed report on the violation and a plan for the satisfactory correction thereof. The report and plan shall be submitted to the Township within thirty (30) days of the receipt of the notice.

3. Remedies for Violations

- A. Any user who violates the requirements of this Article, his permit standards or other applicable State or Federal laws or regulations is subject to having their service and/or permit suspended or revoked.
- B. The user shall be given at least ten (10) days written notice of the suspension or revocation. The notice shall be either personally served upon the user or sent to them by certified mail.
- C. The user shall be afforded all of the rights of a party under the Local Agency Law, 2 Pa. C.S.A. 551-555, 751-754.
- D. Legal Action
  - 1) The Township Solicitor may commence an action for appropriate legal and/or equitable relief in a court of competent jurisdiction against any user who violates these regulations, his permit restrictions, or other applicable State and Federal laws or regulations.
  - 2) The Township may report to the Department of Environmental Protection any violation of these regulations.

4. **Public Notification of Violators:** Pursuant to the requirements of 40 CFR Section 403.8, the Township shall annually publish a newspaper notification of users who have been significant violators of the National Pretreatment Standards or other requirements.

**SECTION 11.06: Miscellaneous Provisions**

1. **Confidential Information:** Information and data concerning a user obtained from reports, questionnaires, monitoring programs and from inspections shall be available to the public or other governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the Township that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the user. Wastewater constituents and characteristics will not be recognized as confidential information. In no event, shall the Township disclose any claimed confidential information to any person without prior notice in writing to the user and without providing the user with the opportunity to protect such confidential information, including their right to seek judicial relief.
2. **Fees**
  - A. The Township intends to recover the cost of administering this Article and any associated requirements from the user of the treatment system to whom the requirements of this Article apply.
  - B. The Township may adopt charges and fees which may include but are not limited to:
    - 1) Fees for reimbursement of costs for setting up and administering the Township's industrial waste control program.
    - 2) Fees for monitoring, inspections, and surveillance procedures.
    - 3) Fees for reviewing procedures or facilities designed to prevent accidental discharges or Slug Loadings.
    - 4) Fees for permit applications.
    - 5) Other fees as the Township may deem necessary to carry out the requirements contained herein.

## **ARTICLE XII - INSPECTION AND ENFORCEMENT**

### **SECTION 12.01: Inspection Rights**

For the purpose of enforcing the provisions of these Rules and Regulations of the Township with respect to the operation of the Sewer System and for the purpose of advancing and protecting the public health, the Township reserves the right to come upon or enter the premises of any person, firm, or corporation connected to the system for the purpose of inspecting the sewer facilities located thereon and for the purpose of determining compliance with the requirements of the Township. In the event that the Township's duly authorized representative(s) are denied access to any customer's premises for these purposes, the Township reserves the right to discontinue sewer service to such premises until inspection is permitted and compliance with the requirements of the Township has been determined.

For new installations and repair/replacement of existing building sewers, the Township must inspect the installation prior to burial. The resident/customer shall call the Township office 24 to 48 hours (not including weekends or holidays) in advance to schedule the inspection.

Where the Municipality enacts an ordinance relating to the change of property ownership, the Township shall enforce.

### **SECTION 12.02: Discontinuance of Service**

Notwithstanding any other provisions or implications of these Rules and Regulations is to the contrary, the Township reserves the right at all times to refuse to render or to continue to render sewer service to any property or through any lines whenever it appears that the connection of the property to the Sewer System has been improperly made or whenever it appears there has been a violation of the Rates, Rules and Regulations of the Township with respect to the installation or use of the sewage disposal facilities. In the event that the Township shall elect to discontinue service to any user connected to its lines, except as provided in the Industrial Waste Control Regulation for Significant Users document, the Township shall give ten (10) days written notice by Certified Mail to the Owner prior to disconnecting the property from the sewer system.

### **ARTICLE XIII - RATE RESOLUTION**

The Township's Rate Resolution is incorporated into these Rules and Regulation by reference. The effective date of the Rates is set on the Rate Resolution itself and may differ from the effective date of these Rules and Regulations.

The current Rate Resolution shall be contained in Appendix C of this document.

## **ARTICLE XIV - REPEAL PROVISIONS**

All Resolutions of the Township which are inconsistent with these Rules and Regulations are hereby repealed.