PENN TOWNSHIP MUNICIPAL AUTHORITY



Sewer Service

Rules, Regulations and Specifications

And

Schedule of Charges

Revised February 7, 2008

Penn Township Municipal Authority Sewer Service Rules, Regulations & Specifications and Schedules of Charges

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Penn Township Municipal Authority

Sewer Service Rules, Regulations and Specifications

ARTICLE I

SECTION 1.0 - DEFINITION OF TERMS - As used in this Resolution, the following words and terms shall have the meanings set forth in this section, unless the context clearly requires a different meaning:

- **1.1** <u>Authority</u> shall mean Penn Township Municipal Authority, a Pennsylvania municipal authority, acting by and through its Board, or, in appropriate cases, by and through its authorized representatives.
- **1.2** <u>Biochemical Oxygen Demand (BOD)</u> shall mean the quantity of oxygen, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter under standard laboratory procedure for 5 days at 20 degrees Centigrade. The standard laboratory procedure shall be found in the latest edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association.
- **1.3** <u>Borough</u> shall mean the Borough of Selinsgrove, Snyder County, Pennsylvania, a Pennsylvania municipality.
- **1.4** <u>Building Drain</u> shall mean the part of the lowest horizontal piping of a drainage system which receives the discharge from other drainage pipes inside the walls of the building and conveys it to the Building Sewer, beginning 5 feet outside the inner face of the building wall.
- **1.5** <u>Building Sewer</u> shall mean the extension from the Building Drain to the Sewer Lateral, Sanitary Sewer, or other method of disposal.
- **1.6** <u>Commercial Establishment</u> shall mean 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.
- **1.5** <u>**DEP**</u> shall mean the Department of Environmental Protection of the Commonwealth of Pennsylvania or its successor.
- **1.8** *Domestic Establishment* shall mean any room, group of rooms, apartment, house trailer, building or other enclosure occupied or intended for occupancy as separate living quarters by a family or any other group or Persons living together or by a Person living alone.

- **1.9** <u>*Domestic Sewage*</u> shall mean the normal water-carried household and toilet waste from residences, commercial establishments, institutions, industries, and other users of the Sewer System.
- **1.10** (*EDU*) *Equivalent Dwelling Unit* shall mean a unit of service equivalent to that provided to a single Residential Establishment
- **1.11** <u>Engineer</u> shall mean a person, registered in Pennsylvania and employed by the Penn Township Municipal Authority, who is qualified to pass upon engineering questions relating to sewers and sewer systems.
- **1.12** <u>EPA</u> shall mean the Environmental Protection Agency of the United States government or its successor.
- **1.13** <u>*Improved Property*</u> shall mean any property located within the Township upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure Sanitary Sewage and/or Industrial Wastes shall be or may be discharged.
- **1.14** <u>Industrial Establishment</u> shall mean 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.
- **1.15** <u>*Industrial Waste*</u> shall mean any solid, liquid or gaseous substance or form of energy rejected, escaping or discharged in the course of any industrial, manufacturing, trade or business process or in the course of the development, recovery or processing of natural resources, as distinct from Domestic Sewage.
- **1.16** <u>*Non-Domestic Establishment*</u> shall mean any room, group of rooms, building or other enclosure connected, directly or indirectly, to the Sewer System which do not or does not constitute a Domestic Establishment.
- **1.17** <u>*Owner*</u> shall mean any person vested with ownership, legal or equitable, sole or partial, of any improved property.
- **1.18** *Person* shall mean any individual, partnership, firm, company, association, society, corporation, or other group or entity.
- **1.19** <u>*Regional System*</u> shall mean the sewer facilities, including sewers, pumping stations, force mains, and wastewater treatment plant, owned and operated by the Eastern Snyder County Regional Authority.

- **1.20** <u>*Residential Establishment*</u> shall mean any room, group of rooms, building or other enclosure occupied or intended for occupancy as separate living quarters by a family or other group of Persons living together or by a Person living alone, excluding institutional dormitories, but including personal care boarding homes licensed by the Commonwealth.
- **1.21** <u>Sanitary Sewer</u> shall mean normal water-carried household and toilet wastes from any Improved Property where storm, surface, and groundwater are not intentionally admitted.
- **1.22** <u>Selinsgrove Authority</u> shall mean Selinsgrove Municipal Authority, a Pennsylvania municipal authority.
- **1.23** <u>Sewage Treatment Plant</u> shall mean any arrangement of devices and structures used for treating Sewage from the Sewer System.
- **1.24** <u>Sewer</u> shall mean any pipe or conduit constituting a part of the Sewer System used or usable for sewage collection purposes.
- **1.25** <u>Sewer Inspector</u> shall mean an authorized agent or representative of the Penn Township Municipal Authority designated to inspect Building Sewers.
- **1.26** <u>Sewer Lateral</u> shall mean the 6-inch service connection constructed from the sewer main to a point at or near the edge of the Owner's Property.
- **1.27** <u>Sewer Main</u> shall mean the 8" or larger pipe to which the sewer lateral is connected and conveys wastewater directly or indirectly to the Regional System.
- **1.28** <u>Sewer System</u> shall mean all laterals, wyes, saddles, Sanitary Sewers, intercepting sewers, pumping stations, and other like equipment and facilities owned or operated by the Penn Township Municipal Authority for the purpose of collecting, transporting, and pumping Wastewater.
- **1.29** <u>Suspended Solids</u> shall mean suspended solids, expressed in milligrams per liter, in the Sewage as determined pursuant to the procedure set forth in the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association.
- **1.30** <u>*Township*</u> shall mean the Township of Penn, Snyder County, Pennsylvania, acting by and through its Board of Supervisors or, in appropriate cases, by and through its authorized representatives.
- **1.31** <u>*Wastewater*</u> shall mean a combination of Domestic Sewage and Industrial Waste, together with such ground, surface, and stormwater, as may be present in the Sewer System.

ARTICLE II

RULES AND REGULATIONS

SECTION 2.0 - REGULATION OF SEWER SYSTEM CONNECTIONS – All users of the Sewer System must comply with the current Rules and Regulations of the Eastern Snyder County Regional Authority. The Penn Township Municipal Authority reserves the right to refuse permission to connect to the Sewer System, to compel discontinuance of use of the Sewer System, or to compel pretreatment of Industrial Waste by any Industrial Establishment in order to prevent discharges which are deemed harmful to or will have a deleterious effect on the Sewer System or on the Selinsgrove Regional System.

SECTION 2.1 - PROHIBITIONS AND LIMITATIONS ON WASTEWATER

DISCHARGES - No Wastewater shall be discharged to the Sewer System having any of the following characteristics:

- (a) Having a 5-day Biochemical Oxygen Demand (BOD) in excess of 200 mg/1 as a weekly average value.
- (b) Having a Suspended Solids concentration in excess of 225 mg/1 as a weekly average value.
- (c) Having a temperature higher than 140 degrees Fahrenheit.
- (d) Containing more than 100 PPM by weight of fats, oils, and grease.
- (e) Containing any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquids, solids, or gases.
- (f) Containing any garbage that has not been ground by household type or other suitable garbage grinders. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower or greater shall be subject to the review and approval of the Penn Township Municipal Authority.
- (g) Containing any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, ungrounded garbage, whole blood, paunch manure, hair, and fleshing, entrails, and paper dishes, cups, milk containers, or any other solids or viscous substances capable of causing obstructions or other interference with proper operation of the Sewer System or of the Regional System.
- (h) Having a pH lower than 6.0 or higher than 9.0, or having any other corrosive property capable of causing damage or hazards to structures, equipment, or personnel of the Regional System.

- (i) Containing toxic or poisonous substances in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any wastewater treatment process, or constitute hazards to humans or animals, to create a public nuisance, or to create any hazard in waters which receive treated effluent from the Sewage Treatment Plant. Toxic wastes shall include, but not by way of limitation, wastes containing cyanide, chromium, copper, and nickel ions.
- (j) Containing noxious or malodorous gases or substances capable of creating a public nuisance or that will pass through the Sewage Treatment Plant and exceed the state or interstate requirements for the receiving stream.
- (k) Containing solids of such character and quantity that special and unusual attention is required for their handling.
- (l) Containing radioactive isotopes.
- (m) Containing any cooling water or unpolluted industrial or commercial process water.
- (n) Containing strong acid iron pickling wastes or concentrated plating solutions, whether neutralized or not.
- (o) Containing or causing discoloration such as, but not limited to, dye wastes and vegetable tanning solutions.
- (p) Containing any substances which are not amenable to treatment or reduction by the biochemical wastewater treatment processes employed or are amenable to the treatment only to such a degree that the effluent of the Sewage Treatment Plant cannot meet the requirements of agencies having jurisdiction over the discharge to the receiving stream.

SECTION 2.2 - CONTROL OF PROHIBITED WASTES - If any waters or wastes are discharged, or are proposed to be discharged to the Sewer System, which waters contain the substances or posses the characteristics described herein, and which in the judgment of the Authority may have a deleterious effect upon the Regional Authority or the receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Authority may:

- (a) Reject the wastes.
- (b) Require pretreatment to an acceptable condition for discharge to the Sewer System.
- (c) Require control over the quantities and rates of discharge.
- (d) Require payment to cover the added cost of handling and treating the wastes not covered by existing sewer charges under the provisions of this or other Resolutions of the Authority.

SECTION 2.3 - IMPOSITION OF SURCHARGES - The Authority and/or in cooperation with the Eastern Snyder County Regional Authority may periodically sample the discharge from Industrial Establishments in order to control the strength of Wastewater entering the Sewer System. Should the Authority find a BOD concentration in excess of 200 mg/1, a suspended solids concentration in excess of 225 mg/1, or other characteristics in violation of these Rules and Regulations, the owner of such Industrial Establishment will be notified of the findings, will be required to pay all applicable surcharges, and will be required to take such other action necessary to correct the violation.

SECTION 2.4 - WASTEWATER MEASUREMENTS AND TEST - All measurements, tests, and analyses of the characteristics of Wastewater to which reference is made in these Rules and Regulations shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. The control manhole shall be the same, as the special manhole required by Section 2.6 of this Resolution. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the Sewer System to the point at which the Building Sewer is connected or at such other point as may be determined or approved by the Authority. Duration and frequency of sampling will be determined by the Authority.

SECTION 2.5 - EXCLUSION OF UNCONTAMINATED WATERS - No Person shall discharge or cause to be discharged any stormwater, surface water, spring water, groundwater, roof runoff, subsurface drainage, building foundation drainage, cellar drainage, drainage from roof leader connections, uncontaminated cooling water, and overflow or drainage from cesspools into the Sewer System.

SECTION 2.6 - INDUSTRIAL WASTE DISCHARGE PERMIT - No Person shall discharge or allow to be discharged any Industrial Waste, dangerous or toxic substances, or other materials incompatible with the Sewer System or with the Regional System to be discharged into the Sewer System until there has been first submitted to and approved by the Authority and the Eastern Snyder County Regional Authority an application for an Industrial Waste permit. Such applications shall be submitted not less than three (3) months prior to the proposed discharge and shall set forth:

- (a) Name and address of proposed user.
- (b) Type of industry or other use of the property from which the Industrial Waste is to be discharged.
- (c) Description of process or processes which produce or will produce the Industrial Waste, or other material.
- (d) Description of types and characteristics of the Industrial Waste or other material, volume and rates of flow and methods of measuring the same, time of discharge, whether the waste will contain any matter or characteristic prohibited under this Resolution and of any pretreatment facilities, whether existing or proposed.
- (e) Such additional information as may be required by the Authority, the Eastern Snyder County Regional Authority, or the Engineer.

When directed by the Authority, Industrial Establishments shall install, pay for, and maintain a special manhole and such other devices as may be required by the Authority or by the Eastern Snyder County Regional Authority to facilitate observation, measurement, and sampling of wastewater discharged to the Sewer System. The manhole shall be safe and accessible at all times.

The Authority or the Eastern Snyder County Regional Authority may require pretreatment, at the expense of the applicant, of any Industrial Waste or other material as a condition of any permit requested thereunder and may prohibit the discharge of any Industrial Waste or other material which violates the provisions of this Resolution or any other rules and regulations of the Eastern Snyder County Regional Authority if the pretreatment requirements are not satisfied for any reason.

SECTION 2.7 - MODIFICATION OF INDUSTRIAL DISCHARGE - Any Person, firm, or corporation that plans to change operations so as to materially alter the characteristics and volumes of Industrial Wastes discharged to the Sewer System which is now or will be connected to the Sewer System shall file an application for the approval of an Industrial Waste permit in accordance with Section 2.6 of this Resolution.

SECTION 2.8 - PRETREATMENT OF INDUSTRIAL WASTES - All Industrial Establishments shall be required to comply with pretreatment regulations and requirements which may now be in effect or which may later be established by EPA or DEP.

If the Authority permits the pretreatment or equalization of Wastewater flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Authority, and subject to the requirements of all applicable codes, ordinances, regulations, and laws.

Where preliminary treatment or flow-equalizing facilities are provided for any Wastewater, they shall be maintained continuously in satisfactory and effective operation by the Owner at his expense.

SECTION 2.9 - ADMISSION TO PROPERTY - The Authority or the Eastern Snyder County Regional Authority or their duly authorized representatives shall, at all reasonable times, be permitted to enter upon any and all properties for the purpose of inspecting, observing, measuring, and sampling Wastewater discharged to the Sewer System.

SECTION 2.10 - RIGHT TO AMEND RULES AND REGULATIONS AND

SPECIFICATIONS - The Authority reserves the right to adopt, from time to time, such additional rules and regulations as it shall deem necessary and proper in connection with use and operation of the Sewer System, which rules and regulations shall be, shall become, and shall be construed as part of this Resolution.

SECTION 2.11 - SAVINGS CLAUSE - In the event any provision, section, sentence, clause, or part of these rules, regulations and specifications shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause, or part of these rules, regulations and specifications, it being the intent of the Penn Township Municipal Authority that such remainder shall be and shall remain in full force and effect.

ARTICLE III

SPECIFICATIONS FOR MAKING CONNECTIONS

SECTION 3.0 - APPLICATION, PERMITS, AND FEES

- (a) **APPLICATION FOR PERMITS** An application for a permit to connect to the Sewer System must be filed and granted before any work is begun for which the permit is required. The application is to be filed by the Owner or the owner's representative. Official forms to be used in preparing the application shall be provided by, and may be secured from, the Authority. All connections must be completed by 18 months from date of application. All permit/application fees are not refundable in the event that permitees fail to make the connections in the required time.
- (b) MULTIPLE CONNECTIONS UNDER ONE PERMIT No Person, firm or corporation who has obtained a permit and made a connection to the Sewer System shall connect or cause or allow to be connected to the Sewer System, another Building Sewer for the service of other properties or property. It is the intention of this Section to require a separate and distinct permit and sewer connection for each individual building or house whether constructed as a single-detached unit or as one of a pair of row houses or buildings, provided, however, a single connection may be permitted to serve a school, a factory, an apartment house, or other permanent multiple-unit structure where the entire property is served through a single connection and could not under prevailing circumstances be split into two or more separate and sole ownership, or where the Authority determines it to be impractical to provide separate connections. In cases where a single connection of multiple units is allowed, it shall be so noted on the connection permit.
- (c) *FEES* The sewer connection permit will be issued to the applicant upon receipt of the following:
 - An inspection fee in the amount of One Hundred, Twenty-Five Dollars (\$125.00) for Residential Establishments and Two Hundred Dollars (\$200.00) for Commercial Establishments payable to the Authority or such greater fee according to the Authority's schedule of Rates and Charges.
 - (2) A tapping fee in the amount of Seventeen Hundred Dollars (\$1700.00) per EDU payable to the Authority, with one EDU equaling 239 gallons per day. A partial EDU will be rounded up to the next full EDU.
 - (3) A collection fee in the amount of Six Hundred Dollars (\$600.00) per EDU payable to the Authority, with one EDU equaling 239 gallons per day. A partial EDU will be rounded up to the next full EDU.
 - (4) An administrative fee in the amount of Seventy-Five Dollars (\$75.00) payable to the Authority or such greater fee according to the Authority's schedule of Rates and Charges.

- (d) **EXTENSION OF PAYMENT FOR HARDSHIP CASES** The applicant must show prima fascia evidence of hardship. A Fifty Dollar (\$50.00) flat rate lien fee plus four and one-half percent (4.5 %) interest rate per quarter on the outstanding balance payable in one year to the Authority.
- (e) **DISPLAY OF PERMIT** When the work begins, while installation continues and until the final inspection has been made and approved, the permit shall be publicly displayed on the property, at a location visible from the outside and reasonably protected from the weather.
- (f) **ENDORSEMENT OF PERMIT** Upon completion of the work, and after the Authority has accepted the work as conforming to this Specification, the permit will be endorsed by the Authority, or its authorized representative, and returned to the Owner of the property. The endorsement shall be a certificate of approval of the work.
- (g) **SALE OF PROPERTY** Whenever a property which is connected to the Sanitary Sewer is sold, or otherwise conveyed, the purchaser and/or seller shall notify the Authority of such sale or conveyance.
- (h) *RE-EVALUATION* The Authority reserves the right to re-evaluate commercial business enterprises' tapping fees, after a full year of operation, running at full capacity, and at that time determine if tapping fees need to be increased or reimbursed.

SECTION 3.1 - SEWER INSPECTOR, INSPECTIONS, AND TESTS

- (a) **SEWER INSPECTOR** The Authority shall appoint a Sewer Inspector qualified to its satisfaction. His compensation shall be fixed by the Authority.
- (b) INSPECTION OF BUILDING SEWER It shall be the duty of the holder of a permit to provide 48 hours advance notice to the Sewer Inspector when drain, soil, waste, vent, and other pipe in a building connected with, or ready to be connected with, the sanitary sewer have been placed in position and ready for test.

The Authority reserves the right to inspect, at any time, all service connections. The purpose of any such inspections is to insure that permitees are in complete compliance with all water and sewer rules, regulations and specifications.

- (c) **RESPONSIBILITY** It shall be the duty of the holder of a permit to make sure the Building Sewer will stand the test prescribed before giving the notification.
- (d) *MATERIALS AND LABOR FOR TESTS* All equipment, material, and labor necessary for inspection or tests shall be furnished by the plumber or property Owner.

(e) **UNCOVERING** - No connection shall be made to the Sewer System or the trench covered or backfilled unless and until the Sewer Lateral, Building Drain, and Building Sewer have been inspected and approved by the Sewer Inspector.

If any part is so covered before being inspected, it shall be uncovered for inspection after notice to uncover has been issued to the applicant by the Sewer Inspector.

The approval to close the trench to a depth of two feet over the pipe shall be noted in writing on the permit and no other evidence of such approval shall be accepted.

(f) FINAL TEST - After the trench has been backfilled to a minimum height of two feet, the Sewer Inspector shall inspect the air test of the Building Drain, Building Sewer, and Sewer Lateral being installed at that time from the point of connection at the building to the connection at the Sewer Lateral or Sewer Main in the manner described in Exhibits A and B attached hereto and made a part hereof. Both ends of the Building Sewer or Sewer Lateral shall remain uncovered until the air testing has been completed and the installation approved. Such approval shall again be noted in writing on the permit and no other evidence of such approval shall be accepted.

At the time of the inspection of the Building Drain and Building Sewer, and from time to time as determined by the Authority, the Sewer Inspector will inspect the facilities within the home to determine conformance with Authority rules and regulations.

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 this Specification.

(g) **RETESTING** - If the Sewer Inspector finds the installation will not pass inspection, necessary corrections must be made after which request must again be made for test and inspection. The levy of an additional fee for inspection beyond two times is at the discretion of the Authority.

SECTION 3.2 - MAIN BUILDING

(a) NEW MAIN BUILDING SEWER DRAIN PIPING PASSING THROUGH FOUNDATIONS, WALLS, OR UNDER BUILDINGS – New Building Sewer piping passing through or under building walls and foundations shall be one of the following pipe classes:

DIP – DUCTILE IRON PIPEANSI A21.5A21.51 (CLASS 50)CIP – CAST IRON PIPEASTM – A74PVC – PVC SCHEDULE 40ASTM – D – 1785PVC – POLY VINYL CHLORIDEASTM – 3034 SDR 35

NOTE: Above pipes shall have rubber ring compression joint, elastomeric, rubber gasket joint and solvent weld joint.

If PVC Piping is used under Building Foundation or through Building Wall it must be encased in a conduit no less than two (2) inches larger in diameter than the sewer pipe. Both the conduit and sewer pipe through the wall and the sewer pipe through the conduit under the foundation, must be grouted with a NON-SHRINK, NON-METALLIC GROUT, and shall be mixed and placed in accordance with the recommendations of ACI and the manufacturer's published specifications for mixing and placing. The sewer drain pipe size shall be no less than four (4) inches in inside diameter and be continued to a minimum of one (1) foot outside of the building foundations or walls.

- (b) NEW BUILDING SEWER PIPING OUTSIDE BUILDINGS New underground Building Sewer piping shall be DIP, CIP, or PVC conforming to material requirements specified above in section 3.2 (a). The Building Sewer piping shall have permanently tight joints which shall prevent the admission of ground water, be laid at a minimum grade of ¼ inch per foot with the best possible alignment, have minimum of four (4) feet of cover (as applicable) to protect the pipe from frost or crushing from surface activity, and have a minimum inside diameter of four (4) inches.
- (c) **CONNECTION OF BUILDING SEWER** For connection to the public Sewer System, the following rules must be followed:
 - (1) In a newly seaward area for an existing building with existing plumbing facilities, -- The end of the public sanitary sewer lateral must first be uncovered and inspected before trenching operations are begun. The approximate location of the end of the lateral may be obtained from information on file at the Engineer's field office or the Office of Penn Township Municipal Authority.
 - (2) In a sewered area for a newly constructed building with new plumbing being installed, -- The Building Sewer must be continued (except for traps required in SECTION 3.2 (i) and cleanouts in SECTION 3.2 (j) to the point of connection to the Sewer System using proper fittings to connect to the Main Sewer Line. All trap and venting regulations must be observed as hereinafter required.
- (d) USE OF EXISTING BUILDING SEWER Upon written request from a property Owner, the Authority may consider the use of the existing Building Sewer in lieu of the construction of a new Building Sewer provided, however, that the existing Building Sewer be located such that it would be acceptable for use and that it meet and pass all applicable requirements imposed by these Specifications. When an existing Building Sewer has met these requirements and is allowed in lieu of a new Building Sewer, it shall be so noted on the connection permit. When connection is to be made using the existing Building Sewer, the existing Building Sewer shall be broken on the

building side of the existing disposal device and attachment made thereto with proper fittings to continue the Building Sewer to the six (6) inch diameter lateral sewer pipe. The Building Sewer must be continued (except for traps required in SECTION 3.2 (i) and cleanouts in SECTION 3.2(j)) to the point of connection to the Sewer System. All trap and venting regulations must be observed as hereinafter required.

- (e) **BEDDING** Building Sewers and Sewer Laterals shall be provided with a stone bedding consisting of PA No. 1B coarse aggregate. A minimum of four (4) inches of stone is required underneath the pipe with backfill of stone to a minimum of one (1) foot above the top of the pipe in such a manner as not to disturb the pipe.
- (f) SHORING AND BRACING OF TRENCHING It shall be the responsibility of the plumber to install adequate shoring and bracing in all trench work. The plumber shall acquaint himself with regulations of the Department of Labor and Industry of the Commonwealth of Pennsylvania and the Federal Occupational Safety and Health Act and shall strictly adhere to these regulations. It is the Contractors Responsibility to meet all Requirements of OSHA title 29 part 1926, Safety and Health Regulations for Construction.
- (g) **BACKFILL OF TRENCH** After the Building Sewer and Sewer Lateral and its appurtenances have been installed, and backfilled to a height of at least one foot above the top of the sewer, as detailed in SECTION 3.2 (e), the remainder of the trench, except as described below, shall then be refilled evenly to the required height in layers, each layer not to exceed six inches in thickness after completion. The earth shall be properly compacted and wetted as required as the work progresses. Care shall be taken to carry the fill up evenly on opposite sides of the sewer. Rock shall not be used as backfill in any portion of the trench.
- (h) JOINT OCCUPANCY OF SEWER TRENCH One six (6) inch lateral shall serve one Building Sewer. Each building shall be served by its own Building Drain and each Building Drain shall include its own trap installed in accordance with these Specifications.

The Building Sewer serving one dwelling unit may occupy the same trench with the Building Sewer of the next adjoining property providing that the common trench is on the common property line and each Building Sewer is on the property being sewered. The joint occupancy must be by mutual agreement of the property Owners concerned and must be so noted on the connection permit. Each must be connected separately through a separate trap to the Sewer Lateral. For each separate connection, a separate tapping fee or inspection fee shall be collected.

(i) **TRAPS** - Each Building Sewer shall be provided with a main trap and air intake pipe. The trap may be located whenever possible within the cellar of the building and shall consist of a single plug running trap of a material

compatible with the Building Sewer, also a trap is needed outside. A service tee or wye shall also be provided with a riser terminating in the outside air with a suitable air intake pipe. Where no cellar exists or the above construction is undesirable, a single plug main or intercepting trap may be placed immediately outside the building wall. An air intake pipe shall extend from the trap and the top of the air intake pipe shall be sufficiently above the ground surface to prevent surface water from entering. The height of the air intake pipe shall be determined by the Sewer Inspector on an individual basis, but in no case shall it be less than eighteen (18) inches above finished grade. If the height specified by the Sewer Inspector is greater than eighteen (18) inches, it shall be so noted on the connection permit. The air intake pipe shall be provided with a mushroom or other type cap sufficient to prevent the acceptance of rainwater as shown on Exhibit B attached hereto and made a part hereof.

- (j) **CLEANOUTS** - Unless otherwise authorized by the Authority or its representative, cleanouts shall be provided in each Building Sewer at such intervals to permit complete rodding with a One Hundred (100) foot long auger or tape. Exceptions to this requirement shall be so noted on the connection permit. Such intervals shall include the length of lateral installed by the Authority, a six (6) inch inspection tee to surface W/6" PVC, screw cap and cast iron casting in lawn areas the cleanout casting shall be "Ford Model X31" or equivalent cast iron based flange cover with hinge and bolt down lid and word "sewer" cast on lid, and for on paved areas the cleanout casting shall be "Ford Model 1430" or equivalent cast iron base flange cover and separate lid with word "sewer" cast on lid. Cleanouts will also be required at every change in direction greater than 45 degrees and immediately downstream of the trap. Cleanouts shall be constructed using a wye fitting in the run of pipe with a 45 degree bend and riser to the ground surface. The riser pipe shall be provided with a standard four (4) inch screw pipe ferrule and shall be watertight as shown on Exhibit B attached hereto and made a part hereof.
- (k) MAINTENANCE The Building Sewer and Sewer Lateral leading from the property to the main interceptor or collection sewer of the Penn Township Municipal Authority shall at all times be the responsibility of the person, firm, or corporation owning the property for maintenance, repair or replacement and shall not be the obligation of the Authority or Township regardless of whether the Sewer Lateral has been installed by the Authority. All plans and Specifications to be approved by Penn Township Municipal Authority and the Eastern Snyder County Regional Authority.
- (1) *GREASE TRAPS AND OIL SEPARATORS* No motel, hotel, restaurant, boarding house, or public eating establishment shall connect to the Sewer System without first installing grease traps, of a type and size approved by the Authority, on the Building Sewer at a location approved by the Authority. No service station, garage, factory building, or commercial establishment which handles oils, petroleum, or similar products, or which washes cars, trucks, or other types of machinery, shall connect to the Sewer System without first installing grease traps and oil separators, of a size and type approved by the Authority, on the Building Sewer or at a location approved by the Authority. Penn Township Municipal Authority reserves the right to inspect grease traps and/or oil separators at any time.

SECTION 3.3 - REQUIREMENTS AND RECOMMENDATIONS FOR ABANDONMENT OF PRIVY VAULTS, CESSPOOLS, SINKHOLES, SEPTIC TANKS, AND SIMILAR WASTE RECEPTACLES

- (a) ABANDONMENT Upon completion of connection to the Sewer System, any privy vaults, cesspools, sinkholes, septic tanks, or other similar waste receptacles shall be declared abandoned in accordance with applicable Ordinances of Penn Township. They should not be used to accept roof, surface, or ground waters except as provided in SECTION 3.3 (d). Any privy vaults, cesspools, sinkholes, septic tanks, or other similar waste receptacles should be entirely emptied of their contents. The emptied receptacle should be top broken or removed and filled to the top with clean earth, crushed stone, or entire removal.
- (b) INSURANCE REQUIREMENTS Evidence of insurance coverage shall be presented to the Authority in the form of insurance certificates, Contractor Requirement to be provided by property owner, proof of Workmen's Comp. to be supplied at time of permit application and shall indicate coverage with the following minimum limits:
 - General liability insurance with blasting (where applicable), collapse hazard, and underground property damage coverage with a combined single limit liability of at least \$500,000 per occurrence \$1,000,000 aggregate. Penn Township Municipal Authority shall be named as an additional insured.
 - (2) Automotive \$500,000 combined single limit of liability.
 - (3) Workmen's Compensation Statutory

Insurance certificates shall be kept current with the Authority during the period the firm is working in Penn Township for the purpose of constructing Building Sewers.

- (c) DISPOSAL OF CONTENTS The contents from abandoned privy vaults, cesspools, sinkholes, septic tanks, or other similar waste receptacles should be disposed of in a sanitary manner. Said contents may not be transferred into the Sewer System. Receipt from hauler is required, stating where a content is being dumped.
- (d) ACCEPTANCE OF STORMWATER Any privy vaults, cesspools, sinkholes, septic tanks, or other similar waste receptacles when no longer required to accept sewage by reason of being replaced with a connection to the Sewer System may be arranged to accept roof, surface, or ground water. The Owner should, before making such connection, totally empty the contents of the privy vault, cesspool, sinkhole, septic tank, or other similar waste receptacle, dispose of said contents in a sanitary manner and not transfer it into the Sewer System. Additionally, any privy vault, cesspool, sinkhole, septic tank, or other similar waste receptacle should only be used to accept roof, surface, or ground waters if it is filled with clean stone two (2) inches in diameter or larger.

SECTION 3.4 – PLUMBER AND CONTRACTOR REQUIREMENTS

- (a) *GENERAL REQUIREMENTS* Every plumber and/or contractor must provide evidence of adequate insurance coverage for himself and/or his subcontractors and register with the Authority providing the necessary data on the plumber's application as required by the Authority. Noncompliance with this Article will be sufficient cause for the Authority to refuse to permit a plumber to make connection to the Sewer System.
- (b) **INSURANCE REQUIREMENTS** Evidence of insurance coverage shall be presented to the Authority in the form of insurance certificates and shall indicate coverage with the following minimum limits:
 - General liability insurance with blasting (where applicable), collapse hazard, and underground property damage coverage with a combined single limit liability of at least \$500,000 per occurrence \$1,000,000 aggregate. Penn Township Municipal Authority shall be named as an additional insured.
 - (2) Automotive \$500,000 combined single limit of liability.
 - (3) Workmen's Compensation Statutory

Insurance certificates shall be kept current with the Authority during the period the firm is working in Penn Township for the purpose of constructing Building Sewers.

- (c) **PLUMBER & CONTRACTOR'S APPLICATION** Prior to beginning work in the Township, every plumber and contractor must register with the Authority providing data relative to experience, equipment available, business location, etc., on the Application as provided by the Authority. The applicant will also be required to acknowledge in writing the Authority's Specifications for Making Connections with the Penn Township Sewer System. Any changes in the data supplied on the original Application must be supplied, in writing, to the Authority.
- (d) APPROVED PLUMBER AND CONTRACTOR'S LIST The Authority maintains a list of pre-approved plumbers and contractors. All Authority approved plumbers and contractors shall receive one free copy of the PTMA Sewer Rules, Regulations and Specifications upon completion of the PTMA Plumber and Contractor Application. Additional copies of the aforementioned list shall cost Five Dollars (\$5.00). In order to remain on the approved list, insurance certificates must be kept current with the Authority at <u>all</u> times.

SECTION 3.5 - MODIFICATIONS AND EXCEPTIONS

(a) SPECIAL CONDITIONS - Whenever, in the opinion of the Authority or the Authority's engineer, special conditions require additional safeguards or more stringent specifications to be observed, then, and in that event not withstanding any other provisions of these Specifications, the Authority 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 Authority, Authority's Inspector or it's Engineer have been satisfied.

SECTION 3.6 - PROPERTIES REQUIRING GRINDER PUMPS

(a) INTRODUCTION – It may be determined that sewage grinder pumps are required to convey wastewater from certain properties to the Authority's sewer system. Prior to installation of a grinder pump unit, written approval of the Authority is required. Upon requesting approval to utilize a grinder pump, the Owner shall demonstrate to the Authority's satisfaction that alternate gravity service is not feasible.

Most of the Authority's Sewer System is designed so that Wastewater flows by gravity from Improved Properties to the Regional System. However, when Improved Properties are located in areas where gravity flow is not possible, the Authority may provide and operate pressure sewer lines to carry Wastewater from Improved Properties to gravity flow lines. DEP approval is required for the construction and operation of pressure sewer lines. DEP will not approve pressure sewer lines unless the Authority assumes certain responsibility for assuring that the pressure sewer lines and the pumps, tanks, and other facilities used with them will form a pressure system which will function effectively and in case of malfunction will be repaired or replaced immediately to avoid all health hazards and nuisances. The Authority has adopted these rules and regulations to meet DEP's permit conditions for pressure sewer systems. Compliance with these rules and regulations by all Owners of Improved Properties served by pressure sewer lines is a continual prerequisite for service to such properties.

(b) *MATERIALS, INSTALLATION AND TESTING* – Where the grinder pump unit will be located outside the building, the Building Drain and Building Sewer from the building to the grinder pump tank shall be installed and tested in accordance with these Sewer Connection Specifications.

The grinder pump, tank, valves and other related appurtenances shall be provided, installed and tested in conformance with the latest edition of the Authority's "Standard Construction and Material Specifications for Sanitary Sewer System Extensions", with Exhibit D, Pressure Lateral Detail, and with the manufacturer's recommendations.

Shop drawings and product data shall be submitted to and approved by the Authority prior to installation of the grinder pump unit and pressure lateral. Installation and testing shall be subject to inspection by the Authority's Sewer Inspector.

The pressure lateral shall be 1 ¹/₂-inch SDR 26 PVC pipe with rubber gasket joints, buried a minimum of four feet. Thrust blocks shall be provided for all fittings and at all locations where horizontal and/or vertical deflections are made. Bedding and backfill shall be in accordance with Sections 3.2 (e) and 3.2 (g), respectively. Earth dams shall be provided in the pressure lateral trench at locations required by the Authority's Sewer Inspector. Pressure lateral testing shall be as follows:

- (1) The pressure lateral shall be isolated for testing by removing the grinder pump from the grinder pump basin and closing the ball valve at the curb stop.
- (2) The lateral shall be filled with clean water and the hydrostatic test pressure shall be raised to 55 psig using a hydrostatic pump. A preliminary test period for the removal or absorption of air in the lateral, before measuring leakage, shall be permitted.
- (3) The test pressure shall be maintained for a period of not less than 30 minutes. If the measured leakage in 30 minutes exceeds 10 gallons per day, per mile, per inch of pipe diameter (.01 ounces per foot in 30 minutes for a 1 ¹/₂-inch diameter pipe), the pressure lateral shall have failed the test.
- (c) **STORAGE** Adequate storage volume shall be provided so that, in the event of a power failure or mechanical failure, sewer service to the building can be maintained for one day.
- (d) **DUPLEX GRINDER UNIT** If the grinder pump is expected to convey more than 1,000 gallons of sewage per day, the Owner shall install a duplex grinder pump system. Each pump must be of the same type and model as the pump approved for the simplex units (Hydromatic Hydro-O-Grind SPG 200, or approved equal). The pump tank, discharge piping, valves, electrical controls and other appurtenances relative to the duplex grinder pump system shall be in accordance with the manufacturer or supplier's recommendations. The pumps should alternate operation to minimize wear on any single pump. Liquid level sensors should be adjusted so that the two pumps do not routinely operate simultaneously.
- (e) **OPERATION AND MAINTENANCE / DUTIES OF OWNER** Operation, maintenance, repair and replacement of the grinder pump system, pressure lateral and other related appurtenances located on the Owner's property outside of public rightsof-way, shall be the sole responsibility of the owner.

Any costs borne by the Owner for installation, operation, maintenance, repair and replacement of the Owner's facilities shall be separate from the Tapping Fee, Inspection Fee and Quarterly Sewer Rentals paid to the Authority.

It shall be the duty of the Owner of every Improved Property served by pressure sewer lines to inspect, maintain, repair, and replace such Owner's part of the pressure sewer system so as to avoid clogging the Authority's lines and to prevent all health hazards and nuisances. In the event of any malfunction of a pressure sewer system, the Owner of every Improved Property served thereby at such Owner's expense shall (1) immediately notify the Authority and the other users of the system of the malfunction, (2) promptly prevent or abate any health hazard or nuisance which may result or has resulted from such malfunction, and (3) repair or replace any defective part of the system located on such Owner's property.

(f) **INSPECTION BY AUTHORITY** – The Authority reserves the right to make periodic inspections of the grinder pump unit on each Improved Property served by the Authority's pressure sewer lines. Such inspections will be in addition to those required of the Owner and will be done at the expense of the Owner. Defects discovered through such inspections will be reported to the Owner for prompt correction at the Owner's expense.

The Authority shall have the right of access to every Improved Property with a pump, which discharges Wastewater to any of the Authority's pressure sewer lines. Such right of access shall extend to the agents, contractors, subcontractors, employees, and officials of the Authority when acting for the Authority. Such right of access shall be for the purposes of inspecting, maintaining, repairing, and replacing any part of a pressure sewer system located on the Improved Property and for the purpose of preventing or abating any health hazard or nuisance arising from a malfunction of a pressure sewer system.

- (g) **SUBSTITUTED PERFORMANCE AND COSTS** If the Owner of an Improved Property fails to perform any act to be performed by such Owner under these Special Rules And Regulations for Pressure Sewer Systems to the reasonable satisfaction of the Authority, the Authority reserves the right to perform for such Owner. Such Owner shall reimburse the Authority on demand for all costs incurred by the Authority in the exercise of that right.
- (h) **OTHER RULES AND REGULATIONS** Service to every Improved Property served by the Authority's pressure sewer lines also shall be subject to all the rules and regulations applicable to properties served by the Authority's gravity sewer lines.
- (i) AGREEMENT OF OWNER Pressure sewer line service shall not be furnished to any Improved Property the Owner of which has refused to agree in writing to be legally bound by these Special Rules And Regulations For Pressure Sewer Systems.
- (j) ESCROW ACCOUNTS The Authority requires a minimum of Two Hundred Dollars (\$200.00) for residential and Four Hundred Dollars (\$400.00) for commercial escrow accounts; pertaining to submittals for pressure sewer systems to cover any costs incurred by the Authority for engineering, legal or other related fees.

(k) **PRESSURE SEWER SYSTEM PERMIT APPLICANT'S PROCEDURE** – The following steps must be followed when a Pressure Sewer System is being installed:

- (1) Establish an Escrow Account.
- (2) Provide Cut Sheets and Plans to be reviewed by the Authority's Engineer.
- (3) After approved is received from the Authority's Engineer, sewer permits may be obtained.
- (4) Construction shall not commence until a sewer permit is obtained.
- (5) If sewer billing is being based on water usage, a water meter must be purchased from the authority.

As an Owner of an Improved Property to which a grinder pump is required, the undersigned hereby agrees to be legally bound by the foregoing Special Rules and Regulations, or revisions thereof, for pressure sewer systems.

DATE: _____ PENN TOWNSHIP MUNICIPAL AUTHORITY

BY:	
	Authorized Signature

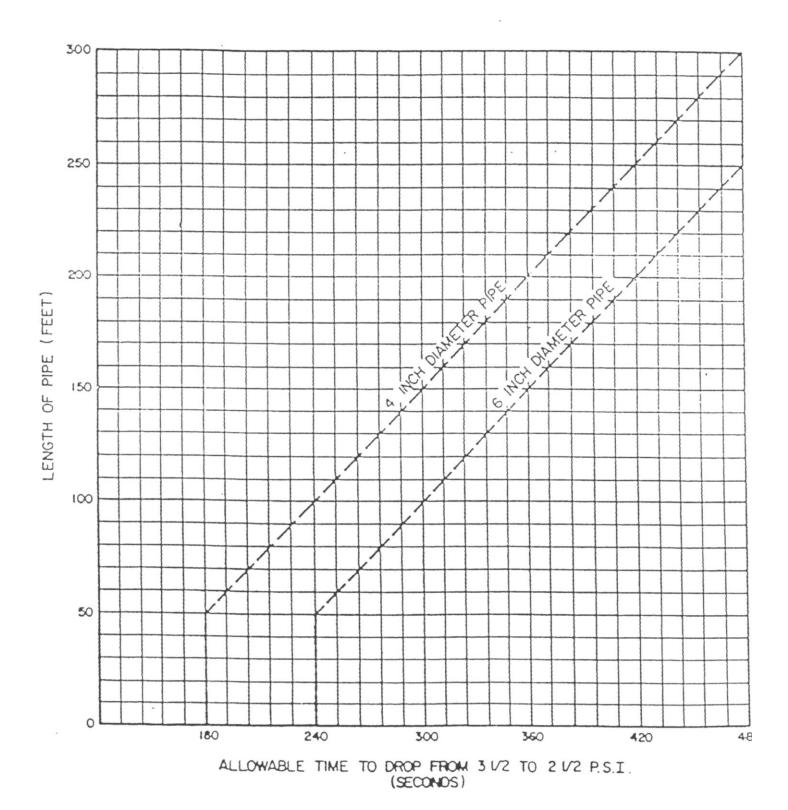
OWNER

BY:

Authorized Signature

EXHIBIT A





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EXHIBIT B

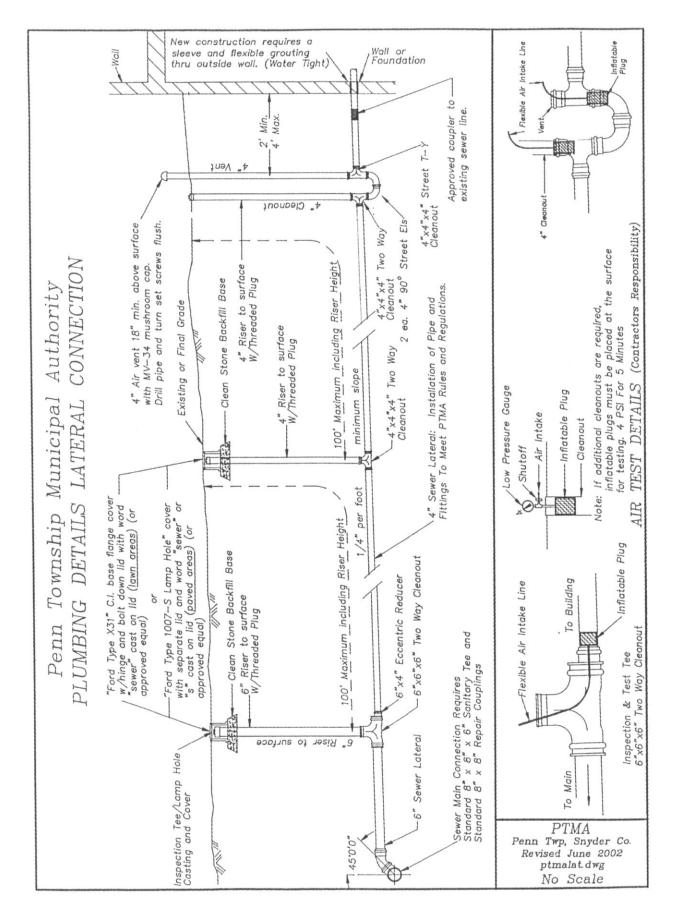
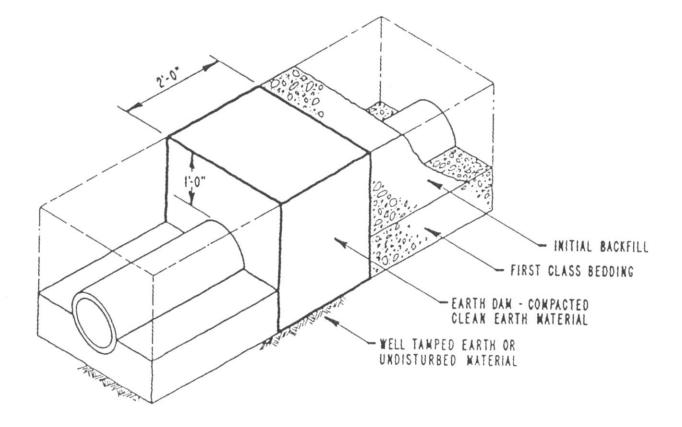


EXHIBIT C



ISOMETRIC VIEW



EXHIBIT D

PENN TOWNSHIP MUNICIPAL AUTHORITY PRESSURE LATERAL DETAIL

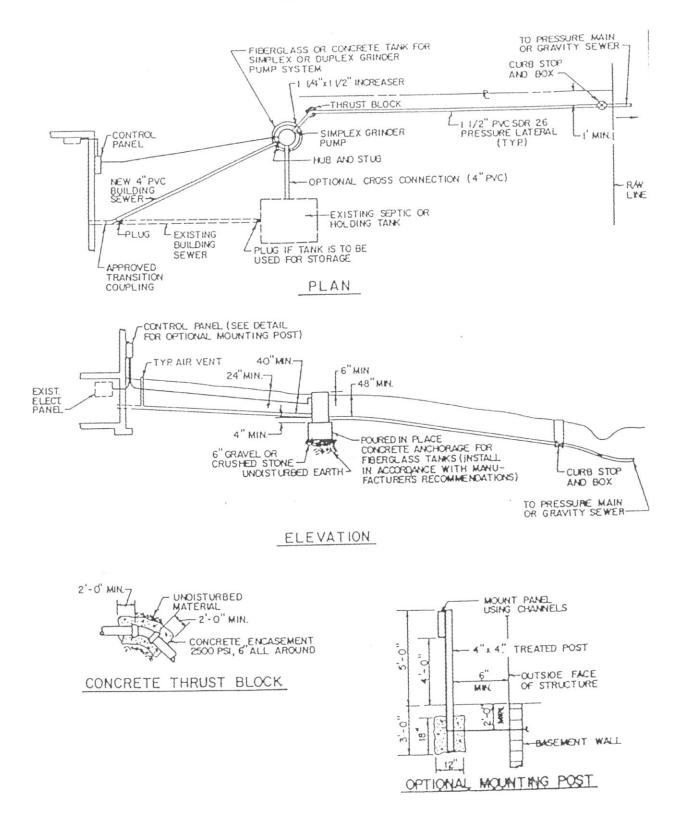


EXHIBIT E

PENN TOWNSHIP MUNICIPAL AUTHORITY PRESSURE LATERAL TEST PROCEDURES AND REQUIREMENTS

A hydrostatic acceptance test shall be conducted for pressure lateral. The procedure for conducting the test shall be as follows:

- 1. The pressure lateral shall be isolated for testing by removing the grinder pump from the grinder pump basin and closing the ball valve at the curb stop.
- 2. The lateral shall be filled with clean water and the hydrostatic test pressure shall be raised to 55 psig using a hydrostatic pump. A preliminary test period for the removal or absorption of air in the lateral, before measuring leakage, shall be permitted.
- 3. The test pressure shall be maintained for a period of not less than 30 minutes. If the measured leakage in 30 minutes exceeds 10 gallons per day, per mile, per inch of pipe diameter (.01 ounces per foot in 30 minutes for a 1 ¹/₂-inch diameter pipe), the pressure lateral shall have failed the test.

Penn Township Municipal Authority

Schedules of Sewer Rates and Charges (Effective February 7, 2008)

<u>Article</u>	Description
I.	Definitions
II.	Sewer Rates and Other Charges
III.	Billing
IV.	Liens for Sewer Rates; Filing and Collection of Liens
V.	Adoption of Additional Rates and Charges, Classifications, Rules and Regulations
VI.	Effective Date
VII.	Construction and Severability
VIII.	Repealer

Penn Township Municipal Authority

Schedules of Sewer Rates and Charges

ARTICLE I - Definitions

SECTION 1.01 - DEFINITION OF TERMS – Unless the context specifies and clearly indicates otherwise, the meaning of terms and phrases used in this Resolution shall be as stated in Article I of the Penn Township Municipal Authority Sewer Service Rules, Regulations and Specifications.

ARTICLE II – Sewer Rates and Other Charges

SECTION 2.01 – Sewer rates and other charges are imposed upon and shall be collected from the Owner of each Improved Property which shall be connected to the Sewer System, for use of the Sewer System, whether such use shall be direct or indirect, and for services rendered by the Authority in connection therewith, which shall commence and shall be effective as of the date of connection of each such Improved Property to the Sewer System, and shall be payable as provided herein, in accordance with the following schedule of rates and classifications.

A. <u>Domestic Establishments.</u> Domestic Establishments connected to the Sewer System shall pay \$380.00 per annum per equivalent dwelling unit (EDU), payable at the rate of \$95.00 per EDU per quarterly billing period or at the current sewer billing rate as established by the Authority. Each Domestic Establishment in a double house, in a row of connecting houses or in an apartment building shall be billed as a separate establishment.

B. <u>Non-Domestic Establishment</u>.

- 1. <u>Metered Water-Based Usage</u>. All Non-Domestic Establishments connected to the Authority's public Water and Sewer System shall pay sewer rates on the basis of their water consumption at 175 gallons per equivalent dwelling unit (EDU), payable at the rate of \$95.00 per EDU (or at the current sewer billing rate as established by the Authority) with partial of EDU's being rounded up to the nearest whole EDU. All Non-Domestic Establishments <u>not</u> connected to the Authority's water system, are permitted to pay sewer rates using the aforementioned method by voluntarily purchasing a water meter through the Authority and connecting it to their private water system, with all expenses being the responsibility of the Non-Domestic Establishment.
- 2. <u>Flat Rate Sewer Usage</u>. All Non-Domestic Establishments connected to the Sewer System, but not connected to the Authority's Water System, shall pay sewer rates and other charges, on the basis of Equivalent Dwelling Units (EDU) as set forth in the following schedule per quarter annum at the rate of \$95.00 per EDU per quarter annum or at a rate established by the Authority:

<u>Non-</u>	Domestic Establishment Schedule	<u>Equivalent Dwelling</u> <u>Unit(s)</u>
(a.)	Each retail store, business, industry or professional office per 10 employees or fraction thereof	1
(b.)	Each business or professional office attached to or part of the principal dwelling of the business or professional individual wherein the general public enters to transact business	1
(c.)	Each restaurant, tavern or club, per 10 employees and seats, intended for customer use, or fraction thereof	1
(d.)	Each hotel, motel or boarding house, per 1 rental room (in addition to restaurant facilities)	1/2
(e.)	Each Industrial Establishment (excluding process waste) per 10 employees or fraction thereof	1
(f.)	Each service station, garage and/or automobile repair shop:	
	Without Car Wash With Car Wash	2 3
(g.)	Each barber shop or beauty shop whether or not attached to or forming part of Owner's residence having 2 chairs or less	1
(h.)	Each Additional Chair Each fire house or municipal building	1⁄2 1
(i.)	Each Church	1
(i.) (j.)	Each Car Wash, Per Wash Bay	2
(k.)	Each Laundromat, per Washing machines or fraction thereof	1
(1.)	Each School, per 18 pupils and employees or fraction thereof	1
(m.)	Each bowling alley (in addition to restaurant or other facilities therein), per 5 lanes or fraction thereof	
		1

- (1.) Sewer service charges for businesses or industrial units payable under this subsection B-2 shall be computed on the basis of the average number of full and part time employees (including individual owners and employers) for the calendar quarter preceding the date of the quarterly billing.
- (2.) If the Owner of any Non-Domestic Establishment shall fail to provide information requested by this Authority required to compute the flat rate sewer service charge to such Non-Domestic Establishment, this Authority may estimate a reasonable applicable sewer service charge for such Non-Domestic Establishment and such estimated sewer service charge shall be the actual sewer service charge payable until the required information is filed. No rebate will be paid by this Authority if the information filed reveals a lower indicated sewer service charge than that estimated by this Authority.
- (3.) If two or more stores, offices, industrial units, etc. are connected to the Sewer System through a single lateral or if two or more types of use are made of the same Improved Property, the sewer service charge payable hereunder shall be computed as though each such store, office, industrial unit, etc. and each such type of use were a separate user with a separate connection to a Sewer.
- (4.) The Owner of an Industrial Establishment discharging Industrial Wastes to the Sewer System having an average five-day B.O.D. greater than 200 milligrams per liter and/or a Suspended Solids content greater than 225 milligrams per liter shall pay a strength of waste surcharge, in addition to applicable volume charges, equal to 12/100 of one percent for each milligram per liter by which the B.O.D. exceeds 200 milligrams per liter and/or a surcharge of 1/10 of one percent for each milligram per liter by which the Suspended Solids exceed 225 milligrams per liter.
- (5.) Additional classifications and sewer service charges or modifications of the above schedule of sewer service charges may be established by this authority from time to time as deemed necessary.
- (6.) Nothing herein contained shall be deemed to prohibit this Authority from entering into separate agreements with Owners with respect to sewer service charges to be imposed in those cases where, due to seasonal fluctuations or other unusual circumstances, the sewer service charges set forth herein shall be deemed by this Authority to be unfair or inequitable.

SECTION 2.02 – For the Purpose of determining the amount of sewer rates and other charges payable under the flat rate schedules set forth above or of determining the character of discharge of Sanitary Sewage and/or Industrial Wastes to the Sewer System or of determining compliance with this Resolution, this Authority shall be permitted access at all reasonable times to the Improved properties using the Sewer System and any meters used for establishing or determining water consumption.

SECTION 2.03 - ESCRA Nutrient Asset Management Charge - All Equivalent Dwelling Units ("EDU's") approved by the Eastern Snyder County Regional Authority ("ESCRA") by official action after June 4,2007, and issued a connection permit by the Authority, shall be subjected to the nutrient asset management strategy administered by ESCRA in accordance with the ESCRA Resolution No. 07-2. All EDU's subject to nutrient asset management charge shall be billed to the owner of an improved property serviced by the Authority's sewer system and such owner shall pay the nutrient asset management charge billed by ESCRA to the Authority for such management charge together with the Authority's administrative fee of five percent (5%) of the nutrient asset management charge. The ESCRA Nutrient asset management charge, the administrative fee and the Authority's sewer charges shall be paid on a quarterly basis according to the Authority's rate schedule.

ARTICLE III - Billing

SECTION 3.01 - Billing for Improved Properties shall be rendered quarterly by the first days of January, April, July and October of each year. Owners of property connected to the Sewer System for only a portion of a billing quarter shall pay a prorate sewer rental for the period of time actually connected during the quarter. All sewer rental billings shall constitute a net bill and shall be due and payable by the due date indicated on the bill and, if unpaid after its due date, shall be delinquent and subject to a one-time only penalty of twenty percent (20%) of the amount due, which net bill plus such additional sum or sums shall constitute the gross bill. Payment(s) mailed to the correct Authority address and postmarked on or before the due date shall constitute payment within such period. In order for the customer to cure the delinquency, the customer must pay the delinquent bill together with the penalty. Water and sewage services may be terminated from the delinquent premises as provided by law and shall not be restored until all delinquent bills against the same and the service termination and restoration fees have been paid.

SECTION 3.02 - Every Owner of Improved Property which is connected to the Sewer System initially shall provide this Authority with and thereafter shall keep this Authority advised of their correct address. Every such Owner shall advise this Authority in writing of any change of ownership or tenancy of this Improved Property. Unless an Owner notifies this Authority of an ownership change, such Owner shall continue to be liable for sewer service charges imposed on the Improved Property. The failure of any Person to receive bills for sewer service charges shall not be considered an excuse for nonpayment nor shall such failure result in an extension of the period of time during which the net bill shall be payable.

ARTICLE IV – Municipal Liens

SECTION 4.01 - A sewer bill that is unpaid after its due date shall be delinquent and shall be subject to a one-time only penalty of twenty percent (20%) of the amount due. In order for the customer to cure the delinquency, the customer must pay the delinquent bill together with the penalty. Water and sewage service may be terminated from the delinquent premises as provided by law and shall not be restored until all delinquent bills against the same and the service termination and restoration fees have been paid. Failure to pay delinquent bills for two (2) quarters may result in a lien being imposed against the delinquent premises in the amount of the delinquent bills and penalties together with interest at the rate of ten percent (10%) per annum, attorney's fees, and court costs provided for in the Pennsylvania Municipal Claim Law (53 P.S. § 710 I et seq.). With regard to the imposition of attorney's fees, the following schedule of fees is adopted and shall be imposed upon and paid by the record owner of the delinquent premises:

Preparation and Filing of Municipal Lien	\$35.00
Revival of Municipal Lien	\$10.00
Preparation and Filing Writ of Scire Facias	\$75.00
Judgment for Want of Affidavit of Defense	\$25.00
Trial upon Affidavit of Defense	Fee based upon hourly rate of the Solicitor for time expended in preparation for and attendance at trial.
Collection of Municipal Claim in Assumpsit	Fee based upon hourly rate of the Solicitor for time expended in preparation for and attendance at trial.
Execution on Judgment and Sheriff's Sale of Real Property	Fee based upon hourly rate of the Solicitor for time expended in preparation of and filing execution documents and attendance at sheriff's sale.

SECTION 4.02 - At least 30 days prior to assessing or imposing attorneys' fees as part of its municipal lien against the delinquent premises, a written notice shall be sent, postage prepaid, by certified mail, return receipt requested, to the last known post office address of the record owner of the delinquent premises informing such owner of the Authority's intention to impose or assess the attorney's fees set forth above and of the manner in which the imposition or assessment of the attorneys' fees can be avoided by payment of the delinquent account. In the event the notice sent by certified mail is not delivered or received by the record owner of the delinquent premises, then at least 10 days prior to the imposition or assessment of the attorneys' fees as set forth above, a written

notice shall be sent, postage prepaid, by regular mail to the last known post office address of the record owner of the delinquent premises informing such owner of the Authority's intention to impose or assess the attorneys' fees set forth above and of the manner in which the imposition or assessment of the attorneys' fees can be avoided by payment of the delinquent account.

ARTICLE V Adoption of Additional Rates and Charges, Classifications, Rules and Regulations

SECTION 5.01 - This Authority reserves the right to impose, from time to time, such additional rates and charges, or to change, add to or delete classifications, rules and/or regulations set forth herein as it shall deem necessary and proper in connection with use and operation of the Sewer System, which additional or modified rates and charges, classifications, rules and/or regulations shall be, shall become and shall be construed as part of this Resolution.

ARTICLE VI – Effective Date

SECTION 6.01 - These Sewer Service Rules, Regulations, and Specifications and Schedule of Charges shall become effective immediately.

ARTICLE VII – Construction and Severability

SECTION 7.01 - In the event any provision, section, sentence, clause or part of these Sewer Service Rules, Regulations, and Specifications and Schedule of Charges shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause or part of these Sewer Service Rules, Regulations, and Specifications and Schedule of Charges, it being the intent of this Authority that such remainder shall be and shall remain in full force and effect.

ARTICLE VIII – Repealer

SECTION 8.01 - All resolutions or parts of resolutions of this Authority which shall be inconsistent with these Sewer Service Rules, Regulations, and Specifications and Schedule of Charges shall be and the same expressly are repealed.