

**BERWICK TOWNSHIP**  
**ADAMS COUNTY, PENNSYLVANIA**

**ORDINANCE NO. 56**

**AN ORDINANCE OF THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF BERWICK, ADAMS COUNTY, PENNSYLVANIA, SETTING FORTH GENERAL RULES AND REGULATIONS FOR THE SANITARY SEWER SYSTEM REGARDING CONNECTIONS TO THE SYSTEM; PROVIDING DEFINITIONS; SETTING FORTH RULES AND REGULATIONS REGARDING BUILDING SEWERS AND CONNECTIONS; PROVIDING RULES FOR CONNECTION, COVERING, AND COMPLETION OF BUILDING SEWERS; SETTING FORTH PROHIBITED WASTEWATERS AND INDUSTRIAL WASTE DISCHARGES; SETTING FORTH REGULATIONS GOVERNING ADMISSION OF INDUSTRIAL WASTES INTO THE SEWAGE SYSTEM; SETTING FORTH RULES REGARDING ACCESS FOR INSPECTION; PROVIDING SPECIFICATIONS FOR THE INSTALLATION OF BUILDING SEWERS, GRINDER PUMPS, AND PRESSURE LATERALS; ESTABLISHING PLUMBER AND ELECTRICIAN REQUIREMENTS; ESTABLISHING FEES IN ACCORDANCE WITH ACT 203; SETTING FORTH METHOD OF COMPUTING SEWER RENTALS AND CHARGES; SETTING FORTH TIME AND METHOD OF PAYMENT; PROVIDING RULES REGARDING A CHANGE IN ADDRESS, OWNERSHIP, OR TENANCY; PRESCRIBING REMEDIES AND PENALTIES FOR VIOLATIONS; PROVIDING FOR SEVERABILITY OF PROVISIONS; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES INsofar AS THE SAME SHALL BE INCONSISTENT HEREWITH; AND PROVIDING WHEN THIS ORDINANCE SHALL BECOME EFFECTIVE**

OCTOBER 22, 2001

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**The Board of Supervisors of Berwick Township, Adams County, Pennsylvania enacts and ordains as follows:**

**RULES AND REGULATIONS**  
**SANITARY SEWER SYSTEM**

**SECTION I**

Definitions: Unless the context specifies and clearly indicates otherwise, the meaning of items and phrases pertaining to this Ordinance shall be as follows:

- A. "Act 203" means an amendment to the Municipality Authorities Act of 1945, signed into law in December, 1990, which defines the calculation charges a municipality can assess a property owner for collection, conveyance, and capital recovery costs related to the property owner's connection to the Township's Sanitary Sewer System.

"Basement Floor Drain" means a protected and trapped drain for the purpose of carrying off spent water from the basement of a dwelling, factory, laboratory, workshop, or other building, but excluding any drainage from rain water, springs, wells, or other ground or surface water

- C. "BOD" (Biochemical Oxygen Demand) means the quantity of oxygen expressed in mg/l, utilized in the biochemical oxidation of organic matter under standard laboratory procedure for 5 days at 20 degrees Centigrade. The standard laboratory procedure shall be found in the latest edition of *Standard Methods for the Examination of Water and Wastewater* published by the American Public Health Association.

- D. "Building Sewer Clean-out" means a clean-out on the building sewer just inside or outside the building wall through which the sewer may be cleaned. In the case of existing construction, a clean-out shall be located on the Service Line.

- E. "Building Sewer" means the extension from the sewage drainage system of any structure to the Township's Lateral on the Sanitary Sewer System.

- F. "Building Trap" means a device, fitting, or assembly of fittings installed on the building drain to prevent circulation of air between the drainage system of the building and the Service Line. In the case of existing construction, the Building Trap shall be located on the Service Line.

- G. "Grease Recovery Unit" means a device installed in the building sewer for the purpose of removing grease from the wastewater.

- H. "Grinder Pump" means a pump installed on a Pressure Lateral that reduces solids in the waste stream to a pumpable size.
  - I. "Improved Property" means 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 Waste shall be or may be discharged.
  - J. "Industrial Establishment" means any room, group of rooms, building, or enclosure used or intended for use in the operation of one business enterprise for manufacturing, processing, cleaning, laundering, or assembling any product, commodity, or article, or from which process waste, as distinct from Sanitary Sewage, shall be discharged.
  - K. "Industrial Wastes" means any and all wastes discharged from an Industrial Establishment other than Sanitary Sewage.
  - L. "Inspection Tees" means a "Tee" fitting installed in a Building Sewer with a riser pipe and threaded plug that allows inspection of the Building Sewer.
  - M. "Lateral" means that part of a Sanitary Sewer System extending from a Sewer to the curb line, or if there shall be no curb line, to the property line, right-of-way line, or if no such lateral shall be provided, then "Lateral" shall mean that portion of or place in a Sewer which is provided for connection of any Building Sewer.
  - N. "Owner" means any Person vested with ownership, legal or equitable, sole or partial, of any Improved Property.
  - O. "Person" means any individual, partnership, company, association, society, corporation, or other group or entity.
  - P. "pH" means the logarithm of the reciprocal of the concentration of hydrogen ions, expressed in grams per liter of solution, indicating the degree of acidity or alkalinity of a substance.
- "Plumbing Inspector" means the person or persons appointed by the Township to enforce the terms of these rules and regulations.
- "Sanitary Sewage" means normal water carried household and toilet wastes from any improved property.
- S. "Sewer" means any pipe or conduit constituting a part of the Sanitary Sewer System used or usable for sewage collection.

T. "Sanitary Sewer System" means all facilities as of any particular time, for collecting, pumping, transporting, treating, or disposing of Sanitary Sewage and Industrial Waste, owned or to be owned by the Township.

"Single Family Dwelling Unit" means a building under one roof and occupied by one family; or

1. A combination of buildings in one enclosure or group and occupied by one family or one business; or
2. One side of a double building or house having a solid vertical partition wall; or
3. Each room or group of rooms in a building occupied or intended for occupancy as a separate business or as a separate living quarters by a family or other group of persons living together or by a person living alone; or
4. Each apartment, office, or suite of offices in a building or house having several such apartments, offices, or suites of offices and using in common one or more hallways and one or more means of entrance; or
5. Any trailer or mobile home occupied by one family or business; or
6. Any other unit or category listed in the schedule of EDU's set forth in Section III.

V. "Storm Sewer or Drain" means a pipe or conduit that carries storm, surface water, drainage, and certain industrial waste discharges, such as cooling and air conditioning waters.

W. "Surcharge" means a charge assessed by the Township to treat a waste with concentrations of various pollutants in excess of those concentrations typical of a domestic wastewater.

X. "Suspended Solids" means Suspended solids as determined pursuant to the procedure set forth in the latest edition of *Standard Methods for the Analysis of Water and Wastewater* published by the American Public Health Association.

Y. "Township" means the Township of Berwick, Adams County, Pennsylvania, acting by and through its Board of Supervisors.

Z. "Toxic Substance" means a substance that can have detrimental effects to living organisms when exposed to said substances.

## SECTION II

### 1. BUILDING SEWERS AND CONNECTIONS

- A. No person shall uncover, connect with, make any opening into or use, alter, or disturb, in any manner, any Sewer or the Sanitary Sewer System without first making application for and securing a permit, in writing, from the Township.
- B. Application for a permit shall be made by the owner of the Improved Property to be served or his duly authorized agent.
- C. No person shall make, or cause to be made, a connection of any Improved Property with a Sewer until such person shall have fulfilled each of the following conditions:
  - 1. Such person shall have notified the Township of the desire and intention to connect such Improved Property to a Sewer.
  - 2. Such Person shall have made application for and obtained a permit from the Township.
  - 3. Such Person shall have given the Township at least 24 hours' notice of the time when such connection will be made so that this Township may supervise and inspect the work of connection and necessary testing.
  - 4. Such Person shall have paid to the Township any fee charged and imposed by the Township, as required under Section II of this Ordinance.
- D. Each Improved Property shall be connected separately and independently with a Sewer through a Building Sewer. Grouping of more than one Improved Property on one Building Sewer shall not be permitted, except under special circumstances and for good sanitary reasons, or other good cause shown, and then only after special permission of the Township, in writing, shall have been secured and subject to such rules, regulations, and conditions as well as may be prescribed by the Township.
- E. All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer shall be borne by the owner of the Improved Property to be connected; and such owner shall indemnify and save harmless the Township, its Authorized Representatives and the Township's Engineer, from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a Building Sewer or the connection of a Building Sewer to a Sewer.
- F. Installation shall be by plumbers and electricians registered with the Township.
- G. A Building Sewer shall be connected to a Sewer at the place designated by the Township and where the Lateral is provided.

The invert of a Building Sewer at the point of a gravity connection shall be at the same or higher elevation than the invert of the Sewer, unless the connection is a pressure connection from a force main discharge, as approved by the Township. The connection of a Building Sewer to the Lateral shall be made secure and watertight.

- H. Every Building Sewer of any Improved Property shall be maintained in a sanitary and safe operating condition by the owner of such Improved Property.
- Io Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect all Persons from damage and injury. Streets, sidewalks, and other public property disturbed in the course of installation of a Building Sewer shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a manner satisfactory to the Township.
- J. If any Person shall fail or refuse, upon receipt of a notice of the Township, in writing, to remedy any unsatisfactory condition with respect to a Building Sewer, within 60 days of receipt of such notice, the Township may refuse to permit, as allowed by law, such Person to discharge Sanitary Sewage and Industrial Wastes into the Sanitary Sewer System until such unsatisfactory condition shall have been remedied to the satisfaction of the Township.

## **2. CONNECTION, COVERING, AND COMPLETION OF BUILDING SEWERS**

- A. Where an Improved property, at the time of connection to a Sewer is required, shall be served by its own sewage disposal system or device, the existing house sewer line shall be broken on the structure side of such sewage disposal system or device and attachment shall be made with proper fittings, to continue such house sewer line, as a Building Sewer.
- B. No Building Sewer shall be covered until it has been inspected and approved by the Township. If any part of a Building Sewer is covered before so being inspected and approved, it shall be uncovered for inspection at the cost and expense of the Owner of the Improved Property to be connected to a Sewer.
- C. Upon completion of the Sanitary Sewer System connection, cesspools, sinkholes, septic tanks, or similar waste receptacles shall be abandoned. Such waste receptacles shall be entirely emptied of all their contents. The contents shall be disposed of in accordance with applicable regulatory requirements. Empty receptacles shall be completely filled with sand or non-compactable material or the tank may be dismantled (cover completely removed) and backfilled or the entire tank may be removed. Compliance shall be ascertained and enforced by the inspector at the sole expense of the Owner of said waste receptacle.

### 3® PROHIBITED WASTEWATERS AND INDUSTRIAL WASTE DISCHARGES

- A. No customer will discharge into the sewage collection system any industrial waste or commercial process water without first obtaining the permission of the Board of Supervisors to do so. All industrial waste is subject to regulation by the Township and the Township reserves the right at its discretion to refuse connection to the Sanitary Sewer System, or to compel discontinuance of the use of the sewers, or to compel pretreatment of industrial wastes by an industry.
- B. Except as otherwise provided in this Ordinance, no person, partnership, corporation or other legal entity shall discharge or cause to be discharged any of the following described wastes or waters into the Sanitary Sewer System:
1. Any liquid or vapor having a temperature higher than 140 degrees Fahrenheit or heat in amounts which will inhibit biological activity at the Wastewater Treatment Facility resulting in interference.
  2. Any water or waste containing more than 100 mg/l of fats, tar, oils and/or grease.
  3. Any pollutant which will cause corrosive damage to the Sanitary Sewer System or the Wastewater Treatment Facility.
  4. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the Wastewater Treatment Facility.
  5. Any trucked or hauled pollutants, except if approved by the Township and at discharge points designated by the Township.
  6. Any liquids, solids or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any way to the Wastewater Treatment Facility. At no time, shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system) be more than five percent (5%) nor any single reading over ten percent (10%) of the Lower Explosive Limits (LEL) of the meter. Prohibited materials include, but are not limited to, gasoline, fuel oil, kerosene, naphtha, benzene, ethylbenzene, toluene, xylene, ethers, bromates, carbides, hydrides and sulfides and any other substances which the Township, the Commonwealth or the E.P.A. has notified the User is a fire hazard or found to be detrimental to the treatment process.
  7. Any noxious or malodorous gas or substance which, either singly or by interaction with other wastes, shall be capable of creating a public nuisance or hazard to life or of preventing entry into the Sanitary Sewer System or the Wastewater Treatment Facility



for maintenance and repair or which may cause acute worker health or safety problems.

8. Any water or waste containing any solid wastes with particles greater than one-half inch (1/2") in any dimension, resulting from preparation, cooking and dispensing of food and from handling, storage and sale of produce, which wastes commonly are known as garbage, which have not been ground by household type garbage disposal units or other suitable garbage grinder.
9. Any solids or viscous substances which may cause obstruction to the flow in the Sanitary Sewer System or other interference with proper operation of the wastewater treatment facility such as, but not limited to: animal guts or tissues, paunch, bones, hair, hides or fleshings, feathers, entrails, whole blood, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, strings, wood, plastics, gas tar, asphalt residues, residues from refining, or processing of fuel or lubricating oil, mud, or glass grinding or polishing wastes, dental floss, wool or other fibers.
10. Any water or waste having a pH (as determined by the Township) lower than 6.0 or higher than 9.0 or having any corrosive property capable of causing damage or hazard to structures or equipment of the Sanitary Sewer System or the sewage treatment plant or to personnel engaged in operation and maintenance thereof.
11. Any pollutants that are a hazardous waste pursuant to 40 C.R.F. Part 261 unless such pollutant is subject to the domestic sewage exemption under 40 C.R.F § 261.4 (a) (1) (ii).
12. Any pollutant which causes pass through or interference.
13. Any water or waste containing any Toxic Substance, as defined below, in quantity sufficient to constitute a hazard to humans or animals or to interfere with any wastewater treatment process of the wastewater treatment plant or that will pass through the wastewater treatment plant in such condition so that it will exceed State, Federal or other validly existing requirements. Samplings taken to determine the maximum allowable concentration shall be at the point of discharge to the Sanitary Sewer System.

Toxic <u>Inorganic Substances</u>	Maximum <u>Allowable Concentration</u>
Aluminum (ionic form)	10.0 mg/1
Antimony	1.0 mg/1
Arsenic	0.1 mg/1
Barium	5.0 mg/1

<u>Toxic Inorganic Substances</u>	<u>Maximum Allowable Concentration</u>
Beryllium	1.0 mg/1
Boron	1.0 mg/I
Cadmium	0.02 mg/1
Chromium, total	1.0 mg/1
Copper	0.5 mg/1
Cyanide (total)	0.1 mg/1
Fluorides	1.5 mg/1
Iron	3.0 mg/1
Lead	0.05 mg/1
Manganese	3.0 mg/1
Mercury	0.002 mg/I
Nickel	0.5 mg/1
Selenium	0.1 mg/I
Silver	0.1 mg/I
Sulfate	360 mg/1
Tin	5.0 mg/1
Zinc	0.3 mg/1
Chromium (Hexavalent)	0.05 mg/1
MBA's (Detergent)	1.0 mg/1
Color (Platinum Cobalt Units)	75
Chlorides	250 mg/1
Methylene Chloride	0.2 mg/I

<u>Organic Compounds / Pollutants</u>	<u>Maximum Allowable Concentration</u>
Acrolein	0.2 mg/I
Acrylonitrile	0.2 mg/1
2,4-dinitrophenol	0.5 mg/I
2-methyl-4,6-dinitrophenol	0.5 mg/I
Alcohols (total)	25.0 mg/1
Phenols	0.001 mg/I
Chlorinated hydrocarbons (total)	2.0 mg/1
Pesticides and Herbicides (total)	0.1 mg/1
Benzidine	50.0 mg/1
Methylene blue	50.0 mg/I
Acetone	50.0 mg/1
Toluene	1.0 mg/1
Ethylbenzene	1.0 mg/I
Naphthalene	1.5 mg/I
Hexachlorobenzene	2.0 mg/1
Chloroform	0.1 mg/1
Total Toxic Organics (TTO)	2.0 mg/1

Upon the promulgation of the Federal Categorical Pretreatment Standards for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under this regulation for sources in that subcategory, shall immediately supersede the limitations imposed under this Ordinance. The Township shall notify all affected Users of the applicable reporting requirements under 40 CFR, Section 403.12.

14. Any water or waste containing total solids of such character and quantity that special or unusual attention or expense shall be required to handle such water or waste at the wastewater treatment plant for wastewater treatment processes.
15. Any wastewater containing an excess of 25 mg/l of total phosphorus (TP) unless approved by the Board of Supervisors under separate agreement. However, no total phosphorus (TP) discharges shall exceed 45 mg/l under any circumstances. See surcharge formula
16. Any wastewater containing an excess of 25 mg/l of ammonia nitrogen (NH<sub>3</sub>-N), unless approved by the Board of Supervisors under separate agreement. However, no ammonia nitrogen (NH<sub>3</sub>-N) discharges shall exceed 45 mg/l under any circumstances. See surcharge formula.
17. Any wastewater containing radioactive wastes.
18. Any wastewater containing a biochemical oxygen demand (BOD) in excess of 250 mg/l, unless approved by the Board of Supervisors under separate agreement. See surcharge formula.
19. Any wastewater containing a chemical oxygen demand (COD) in excess of 450 mg/l.
20. Any wastewater containing an excess of 250 mg/l by weight of suspended solid material, unless approved by the Board of Supervisors under separate agreement. See surcharge formula.
21. Any wastewater volume (quantity) which will have a detrimental effect on the collection system, pumps, or treatment units.
22. Any wastewater containing dyes or other materials with objectionable color, that may affect the effluent quality and visual appearance.
23. Any substance prohibited by any permit issued by the Commonwealth of Pennsylvania.
24. Any storm water, either from street or gutter inlets or from roof or other rain water connections, surface or subsurface water, exhaust water, steam or other unpolluted drainage.



- C. Where necessary all Owners shall install suitable pretreatment facilities, including grease recovery units, in order to comply with above regulations.**

**Plans, specifications, and other pertinent information relating to proposed facilities for pretreatment and handling of wastes shall be submitted for approval of this Township; and no construction of any such facility shall be commenced until approval, thereof, first shall have been obtained from governmental body having jurisdiction.**

**Whenever facilities for pretreatment and handling of wastes shall have been provided by any Owner, such facilities shall be continuously maintained, at the expense of such Owner, in satisfactory operating condition and this Township shall have access to such facilities at reasonable times for purposes of inspection and testing.**

- D. Gas stations and garages are required to provide oil interceptors of the types Series GA, GX, GNC, GRC of Josam Manufacturing Company, Michigan City, Indiana, or equivalent, in the proper location, where the dangerous liquids are to be intercepted.**

**Restaurants or other Commercial Establishments as directed are required to provide a complete grease recovery unit, properly sized to handle anticipated flow rates as manufactured by Lowe Engineering Company, Thermaco, Inc. or equivalent.**

- E. 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 compliance with the limitations contained in the Federal Categorical Pretreatment Standards, or in any other pollutant - specific limitation developed by the Township or Commonwealth. (Comment: Dilution may be an acceptable means of complying with some of the prohibitions as set forth in this Section and approved, e.g. the pH prohibition. Such practices must receive written approval from the Township.)**

- F. Whenever a person, partnership, corporation or other legal entity is authorized by the Township and the appropriate governmental agencies to discharge any polluted water, Domestic Sanitary Sewage, or Industrial Waste containing any of the substances or possessing any of the characteristics referred to in Section II of this Ordinance, such discharge shall be subject to the continuing approval, inspection, and review of the Township. If, in the opinion of the Township, such discharges are causing or will cause damage to the Sanitary Sewer System or cause the Township to be in violation of the Treatment Agreement, the Township shall order the person, partnership, corporation or other legal entity causing such discharge to cease doing so forthwith, or to take other appropriate action to eliminate the harmful discharge.**

- G. Sampling and Testing: Sanitary wastewater and/or Industrial Wastewater being discharged into the Sanitary Sewer System shall be subject to periodic sampling, inspection, and testing. Sampling, inspection, and testing shall be made by the Township as frequently as may be deemed necessary.**

Basic testing normally associated with periodic monitoring shall be performed by representatives of Berwick Township, however the discharger shall be financially responsible for all testing costs when any one parameter exceeds the allowable limit as established herein. A discharger shall be financially responsible for all testing costs when it has been deemed necessary to provide continued sampling and testing because of a discharger's non-compliance with the rules and regulations contained in this Ordinance.

- H. Nothing contained in this Section shall be construed as prohibiting any special wastewaters of unusual strength or character may be admitted into the Sanitary Sewer System by the Board of Supervisors either before or after preliminary treatment.

#### **4. REGULATIONS GOVERNING ADMISSION OF INDUSTRIAL WASTES INTO THE SEWAGE SYSTEM**

- A. No person shall discharge or cause to discharge into the Sewage System any Industrial Wastes except upon application to the Township and upon receipt of a written permit therefore by the Township.
- B. Required Survey Data. Any Person desiring to make or use a connection to the Sewage System through which Industrial Wastes shall be discharged into the Sewage System shall file with the Township an "Industrial Wastes Questionnaire", to be provided by the Township, which shall provide to the Township pertinent data, including estimated quantity of flow, characteristics and constituents, with respect to Industrial Wastes proposed to be discharged to the Sewage System.
- C. Control Manhole. Any Person who shall discharge Industrial Waste into the Sewage System, when required by the Township, shall construct and thereafter properly maintain, at its own expense, a suitable control manhole and other devices as required by the Township to facilitate observation, measurement, and sampling by the Township of Industrial Wastes discharged to the Sewage System.

Any such control manhole, when required by the Township, shall be constructed at an accessible, safe, suitable, and satisfactory location in accordance with plans approved by the Township prior to commencement of construction.

- D. Changes in Type of Wastes: Any owner of an improved property who is discharging, or allows to be discharged, wastewaters into the Sanitary Sewer System and who contemplates a change in the operations, processes, or other activities conducted on such improved property that will alter the type of wastewater to be discharged into the Sanitary Sewer System shall notify the Board of Supervisors, in writing, at least thirty (30) days prior to the consummation of such change.

- E. The Township reserves the right to require Improved Properties having large variations in rates of waste discharge to install suitable regulating devices for equalizing waste flows to the Sewage System.
- F. Where required by the Township, the User shall provide at his expense such preliminary treatment or handling as may be necessary to modify the objectionable characteristics or control the quantities and rates of discharge of such water or wastes as necessary to reduce BOD to 250 mg/l, suspended solids to 250 mg/l, and total solids to 600 mg/l, or modify the objectionable characteristics or constituents to come within the maximum limits provided for in this Ordinance.

Plans, specifications, and any other pertinent information relating to proposed preliminary treatment or handling facilities shall be submitted for approval of the Township and no construction of such facilities shall be commenced until written approval is obtained.

Where preliminary treatment facilities are provided, they shall be maintained continuously in satisfactory and effective operation at the User's expense. The Township and/or its authorized representatives shall have continuous access to any preliminary treatment facilities for inspection. Operations of and discharge from said facilities shall be subject to the requirements of all applicable Federal, State, and Local codes, ordinances, laws, and regulations. Operation and testing data from the pretreatment facilities shall be submitted to the Township each week.

Industrial Waste being discharged into the Sanitary Sewer System shall be subject to periodic sampling, testing, and inspection. The analysis of samples so obtained shall be the basis for computing additional charges in accordance with this Ordinance.

All sample analysis shall be performed by a laboratory certified by the U. S. Environmental Protection Agency and in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater* published by the American Public Health Association.

A normal sampling schedule including the analyses to be performed on the samples shall be included in the Industrial Waste Acceptance Agreement. The cost of this sampling and testing shall be borne by the User and shall be shown as separate charges on the Users sewer bill.

The Township reserves the right to perform more frequent sampling and analysis at its own expense.

A User subject to periodic sampling may request that samples be taken in addition to the normal periodic samples taken by the Township. The cost of this sampling and analysis shall be borne by the User in addition to the costs for normal sampling and analysis.

- G. Industrial waste dischargers shall provide protection from accidental, unauthorized, and slug discharges of prohibited wastes or other substances regulated by the Sewer Use Ordinance of Berwick Township. The discharger shall provide a plan and facilities to prevent accidental or slug discharges of prohibited materials. Industrial waste dischargers shall report accidental spills immediately by notifying the Berwick Township Office and the Berwick Township Wastewater Treatment Personnel. Dischargers shall be financially responsible for operational expenses incurred by the Township resulting from accidental, unauthorized, and slug discharges.
- H. The Board of Supervisors reserves the right to refuse service or permission to connect to the Sanitary Sewer System in order to prevent damage to the Sanitary Sewer System, overload to the municipal wastewater treatment facilities, detrimental effect to the biological treatment process, and/or environmental consequences to the stream receiving effluent from the Berwick Township Wastewater Treatment Facility.
- I. Whenever a permitted User shall fail to comply with the provisions of this Ordinance regarding Industrial Waste, the Township may revoke the User's permit and take whatever action is necessary to protect the Township's Sanitary Sewer System and Treatment Plant including without limitation, capping the Users line and preventing the discharge into the Township's Sanitary Sewer System.
- J. The Township reserves the right to impose surcharges in connection with any Industrial Waste discharged into the Sanitary Sewer System either by agreement with the Owner of the Improved Property or by modifications or alterations hereto.
- K. Enforcement: Any person, partnership, corporation or other legal entity who shall violate these provisions with respect to admission of industrial wastes into the sewage system shall be subject, upon summary conviction to a fine not to One Thousand Dollars (\$1,000), together with costs of prosecution in each case, and in default of payment of such fine shall be subject to imprisonment up to 90 days. Each day that a violation continues shall be deemed as a separate offense and shall be punishable as such. Each discharge of a substance in excess of the maximum allowable concentration shall also be deemed and shall be taken as a separate violation. In addition to the penalties provided herein, the Township may sue at law or in equity to enjoin violations herein and in addition to damages may recover reasonable attorney's fees, court costs, court reporter's fees and other expenses of litigation by appropriate suit at law or in equity against the person, partnership, corporation or other legal entity found to have violated this Ordinance, or the orders, rules, regulations, and permits issued hereunder.

## 5. ACCESS

The Township or its representative (Plumbing Inspector) shall have the right of access at reasonable times to any part of any Improved Property served by the Sanitary Sewer System as shall be required for purposes of inspection, measurement, sampling, and testing



and for performance of other functions relating to service rendered by the Township through the Sewage System.

**6. INSTALLATION OF BUILDING SEWER, GRINDER PUMP,  
AND PRESSURE LATERAL**

The Building Sewer shall be installed by plumbers and electricians registered with the Township. If blasting is necessary, it must be performed by a licensed blaster. The Building Sewer shall be subject at all times to the inspection and approval of the Township or its duly authorized representative who shall have supervision and control over the same.

A. Size — Building Sewers shall in no case be less than four inches in diameter. Where double or multiple homes are permitted to be served by a common line under a special connection permit issued by the Township, the double or multiple homes may be served by a four-inch line, unless a larger line for the multiple homes connection is required by the Plumbing Inspector. An approved adapter connecting the Service Line to the Lateral Sewer must be used.

B. Material - Pipe used for Building Sewers shall conform to the following:

Poly Vinyl Chloride (PVC) Pipe at least four inches in diameter and conforming to A.S.T.M. D-3034 (SDR-35), shall be utilized. Pipe joints shall conform with A.S.T.M. D-3213. All joints must be rubber O-ring. Special backfill is required to assure a compacted minimum density of 90% Proctor to a point minimum slope of 2%.

New Underground Piping Passing Through or Under Buildings - New underground piping passing through or under buildings shall be Schedule 40 PVC. All PVC solvent welds shall be properly primed. The pipe shall have an inside diameter no less than four inches and shall extend a minimum of five feet on either side of the building foundation. Minimum pipe diameter passing through the wall shall be four inches. All pipe under concrete slabs shall be subject to the Township's inspection prior to backfilling and pouring of concrete.

Underground Piping Outside Buildings - The Building Sewer shall be SDR 35 PVC pipe with rubber gasket joints. All PVC joints shall be properly cleaned and lubricated. The pipe shall have a minimum inside diameter of four inches.

Owners wanting to connect the new building sewer to an existing Building Sewer, shall demonstrate to the Township the satisfactory condition of the existing Building Sewer through visual inspection and air testing. Approval to connect to the existing Building Sewer shall be noted on the connection permit. If the existing Building Sewer does not meet the Township's requirements for inspection and air testing, connection of the new Building Sewer shall be made as close to the existing building as possible.

Connection of the new Building Sewer to the existing Building Sewer shall be made with approved transition fittings resulting in infiltration free construction.

Pipe shall be installed to prevent the admission of groundwater, shall be laid at a minimum grade of 2% with the best possible alignment, and shall have the maximum cover possible to protect the pipe from frost of crushing from the surface activity.

No transition from one pipe size to another or from one pipe material to another shall be made without the use of manufactured adapters designed specifically for that purpose. All changes in direction shall be made with pipefittings no greater than 45 degrees. Under certain conditions acceptable to the Township, sweep 90-degree bends may be used and shall be so noted on the connection permit.

- C. Pressure Lateral - The pressure lateral shall include the redundant check valve supplied by the Township. This Valve shall be located three feet from the curb stop. The pressure lateral shall be 1 1/4-inch SDR 21 PVC (200 psi) 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.

Earth dams shall be provided in the pressure lateral trench for the purpose of stopping the natural flow of water. Earth dams shall be constructed at no greater than 50 feet intervals. All laterals shall have at least one earth dam per lateral. Earth dams shall be constructed from layers of compacted soil. The soil shall be placed by hand and compacted with tools designed for this purpose. As a minimum, the soil shall be placed and compacted in the following three layers: 1) at pipe bottom; 2) at pipe top; 3) 12 inches above top of pipe.

- D. Grinder Pump Unit - The grinder pump installed shall be a model E-1 grinder pump as manufactured by Environmental One Corporation of Schenectady, N.Y. or equivalent. The Grinder Pump unit location shall be approved by the Township prior to installation of same. The unit shall be installed in accordance with the Grinder Pump Detail as included in Part VI of this Ordinance.

Bedding Material Requirements for Sewer Pipe - All types of pipe shall be bedded with five inches of bedding material and backfilled with initial backfill material that is thoroughly compacted to a depth of at least 12 inches above the top of pipe.

1. Bedding and initial backfill material shall conform to AASHTO No. 8, or otherwise known as 1B aggregate
2. After the pipe has been installed, jointed, inspected, and tested, the trench shall be backfilled. Backfill from trench bottom, or from the top of bedding, to a depth of 12 inches over the pipe shall be clean, dry earth, clay, fine gravel, or sand and shall be free of organic materials, stones larger than two inches and frozen, soggy, or wet material. Where such material is not available from the trench excavation, the sewer customer shall provide satisfactory material as specified under suitable backfill material.

From 12 inches over the pipe to the elevation of the subgrade, backfill material shall be placed in eight (8) inch uniform, even layers and each layer shall be carefully and thoroughly compacted by hand operated mechanical tampers. Backfill material within these layers may be placed by machine providing sufficient personnel are utilized to properly spread the material, to prevent the inclusion of objectionable material and attain complete compaction. Backfill and restoration shall be in accordance with township specifications.

Backfill material from 12 inches over the pipe to subgrade shall be the material removed from the trench with the exception that no organic material or rock larger than eight (8) inches shall be included in the backfill.

- F. The Building Sewer shall be laid on a grade of not less than 2%.
- G. The Building Sewer must be as direct as possible. Changes in direction must be made with "Ins" and eighth bends or half "Y's", or one eighth bends. Any 90-degree change in direction shall include a clean-out. Changes in size where the Sewer Lateral is connected to the Building Sewer shall be made only with fittings.
- H. Ditches shall be promptly backfilled after inspection and approval by the Plumbing Inspector. Care shall be taken to prevent damage to the pipe in backfilling and securing a well compacted and firm trench.

On existing Improved Properties as distinguished from future properties to be improved, the Building Sewer shall be vented, trapped, and a clean-out and inspection tee placed on the line beyond the building.

- . Vents - Except those properties that are properly vented, a vent shall be placed along the house sewer line at a location acceptable to the Plumbing Inspector. Vent risers shall extend a minimum of twelve (12) inches above the ground surface and shall be capped with a mushroom vent or double bend. Vents shall be at least four (4) inches in diameter.
- 2. Traps - Each building shall be provided with a main building trap. The trap may be located wherever possible within the cellar of the building or immediately outside the building wall. Note: The vent should be placed upstream of the main building trap.
- 3. Clean-outs - A clean-out shall be placed immediately following the building trap and at every 50-foot interval along the Building Sewer. Clean-outs shall also be at every change in direction that exceeds 45 degrees. The clean-out shall consist of a "Y" fitting in the run of the pipe with a 45-degree bend and riser to the ground surface. The riser pipe shall be provided with a screw-type ferrule and removable plug.
- 4. Inspection Tee - Each Building Sewer shall be provided with an Inspection Tee at the property line or curb line in accordance with the Typical House Connection Detail as

included in Part VI of this Ordinance. The riser shall be provided with a screw-type ferrule and removable plug.

- J. Basement Floor Drains may not connect to the building sewer.
- K. The contractor shall air test all service lines. The Township reserves the right to be present during air testing. The procedure for air testing is as follows:

Low Pressure Air Tests - The contractor shall test each service line using low-pressure air. Fill shall be placed over the pipe prior to testing, although joints may be left exposed to facilitate evaluation of the air test. The pipe shall be considered acceptable if the air loss rate does not exceed 0.0030 cubic feet per minute per square foot of internal pipe surface when tested at a pressure of 3.0 psi greater than the average back-pressure exerted by the ground water of the backfilled pipeline. The time for the air pressure to decrease 1.0 psig from 3.5 to 2.5 psig shall not be less than the time indicated in the following list. If these rates of leakage are exceeded, the contractor shall, at his expense, determine the source of leakage and make all necessary corrections and retest.

- 1) 4-inch pipe diameter - 2 minutes, 0 seconds
- 2) 6-inch pipe diameter - 2 minutes, 55 seconds
- 3) 8-inch pipe diameter - 3 minutes, 57 seconds
- 4) 10-inch pipe diameter - 4 minutes, 43 seconds
- 5) 12-inch pipe diameter - 5 minutes, 40 seconds

A minimum period of two (2) minutes shall be provided to allow equilibrium of the air with the pipe wall before test reading shall commence. In areas of high groundwater conditions, the contractor shall determine the height of the groundwater above the pipe for piezometric tube or other approved methods.

The contractor shall submit to the Township, for approval, the test procedure and list of test equipment he proposes to use prior to testing. The contractor shall contact the Township to schedule a time for air testing so that the Plumbing Inspector or a Township Representative can be present, if so desired.

- L. Upon completion of each Service Installation, the Plumbing Inspector is to be notified and an appointment made for inspection. All pipes and pipe joints must be visible and accessible to the Plumbing Inspector. If the work is satisfactory, the permit, which must be on hand at the time of the inspection, will be endorsed and returned to the Owner.

## **7. PLUMBER AND ELECTRICIAN REQUIREMENTS**

- A. General Requirements  
Plumbers and electricians shall register with the Township and provide evidence of adequate insurance coverage for himself and/or his subcontractors. Non-compliance with

this requirement shall be sufficient cause for the Township to refuse to permit a plumber and/or electrician to construct the property owner's facilities.

**B. Insurance Requirements**

Evidence of insurance coverage shall be presented to the Township in the form of insurance certificates and shall provide coverage with the following minimum limits:

1. General liability insurance with blasting (where applicable), collapse hazard, and underground property damage coverage:

Personal Injury - \$ 1,000,000 Per Occurrence, \$ 2,000,000 Aggregate

Property Damage - \$ 1,000,000 Per Occurrence

(Including contractual liability coverage where applicable)

2. Automotive

Personal Injury - \$ 1,000,000 Per Occurrence

Uninsured Motorist - \$ 35,000

Property Damage - \$ 100,000 Per Occurrence

3. Workman's Compensation — Statutory

Insurance certificates shall be kept current with the Township for the duration of work.

**C. Registration**

Prior to beginning work, plumbers and electrician shall register with the Township and provide data relative to experience, equipment available, business location, etc. A registration form shall be provided by the Township (See attached form). Plumbers and electricians shall be required to acknowledge awareness of the Township's requirements governing construction. Any changes in the data supplied on the original registration form shall be supplied, in writing, to the Township.

**SECTION III**

**TOTAL FEE IN ACCORDANCE WITH ACT 203**

- A. The Township does hereby charge a fee in accordance with Act 203, in the amount set forth in Paragraph B, hereof, against the Owner of any Improved Property, whenever such Owner hereafter shall connect any such Improved Property with a sewer main constituting a portion of the Sanitary Sewer System. Such fee is charged for each such Improved Property connected by the Owner of such Improved Property.

- B. The fee in accordance with Act 203 for municipal sewerage shall be on an EDU (equivalent dwelling unit) basis and shall be in accordance with the most recent version of the Berwick Township Capital Charges Study pursuant to Act 203. Each EDU shall be represented by a volume of wastewater generated by a typical residential dwelling unit (270 gpd) or in accordance with Chapter 94 Report projections, as prepared annually in accordance with requirements of the Pennsylvania Department of Environmental Protection. The EDU's for non-residential units will be billed as per the category as listed in Section III or will be based on a metered rate.

Example: If a professional office has fifty (50) employees, this would constitute ten (10) EDU's. Therefore, the fee would be ten (10) times the amount to be paid by a typical single family residential unit.

- C. The fee in accordance with Act 203 together with any estimate of additional costs shall be due and payable at the time application is made by the Owner of any property to the Township for a permit to connect such property with the Sanitary Sewer System or at a time when PA DEP approves planning.
- D. All fees in accordance with Act 203 and other costs shall be made payable to the Berwick Township or representative of the Township as shall be authorized, from time to time, by resolution of the Township, to accept payment thereof

## **SECTION IV**

### **1. COMPUTATION OF SEWER RENTALS AND CHARGES**

Sewer rentals and charges imposed by this Ordinance shall be computed in accordance with the schedules of classifications and rates set forth in this Section IV.

- A. Residential Flat Rate: Sewer rentals or charges for sanitary sewage discharge into the Sanitary Sewer System from any Improved Property constituting a Dwelling Unit shall be on a flat rate as currently established by the Township per quarter annum for each dwelling unit.

For purposes of this Section 3A, each Dwelling Unit in a double house, in a row of connecting houses, in an apartment building or in any other Multiple Unit Structure shall constitute a separate Dwelling Unit and shall be billed as a separate Dwelling Unit. If two or more families use separate cooking or toilet facilities in an Improved Property, the sewer rental or charge shall be computed as though each such family was a separate user with a separate connection to a Sewer.

- B. Commercial Establishment and Institutional Establishments - Flat Rate: Sewer Rentals or charges for Sanitary Sewer discharge into the Sanitary Sewer System from any Improved

Property constituting a Commercial Establishment or an Institutional Establishment shall be on a flat rate basis. The Sewer rental or charge for each such Commercial Establishment or Institutional Establishment shall be determined by multiplying the applicable rate set forth in subparagraph 1 of this section 3B by the applicable number of billing units assigned to such Commercial Establishment or Institutional Establishment in the schedule of classifications set forth in subparagraph 2 of this section 3B.

1. The rate applied to Commercial Establishments and Institutional Establishment under this Section 3B shall be on a flat rate as currently established by the Township per quarter annum for each dwelling unit.
2. Commercial Establishments and Institutional Establishments are hereby classified according to the following schedule. The applicable number of Billing Units determined in accordance with the following schedule shall be multiplied by the applicable rate per Billing unit set forth in subparagraph 1 of this Section 3B determine the sewer rental or charge for such Commercial Establishment or Institutional Establishment.

The number of Billing Units to be ascribed to schools or similar institutions here under shall be determined on the basis of the average daily membership of pupils during the regular school term preceding the billing period. Employees, including teachers and administrative, shall be treated as pupils for purposes of computations.

Each Retail Store or Industrial Establishment which billing unit(s) are established by hours worked on or before December 31 of the preceding year shall file a sworn certificate with the Township setting forth the total number of hours worked by its employees during the calendar year ending at the time of certification. Included among employee hours shall be all executive, administrative, and part-time personnel.

USER CLASSIFICATION	MINIMUM BILLING UNITS
1. Single Family Dwelling Unit Unit (including mobile homes)	1
2. Retail Store (Each 10,000 Hrs. Worked by the Owner or Employee) not including Food Preparation and Service.	I Unit
3. Restaurant, Club, Tavern or other establishment dispensing food or beverages (Each 12 seats or fraction thereof)	I Unit

4. Drive-in Restaurant (Each 12 seats, including outside seating. Each parking space with food service shall equal 2 seats)	1 Unit
5. Convenience Stores	
a. Without Public Restroom	3 Units
b. Each additional Public Restroom	1 Unit
6. Firehouse, Municipal Building, or Similar Use (Each restroom)	1 Unit
7. Drive-In Theater - Each 30 car spaces or fraction thereof	1 Unit
8. In-Door Theater - Each 60 seats or fraction thereof	1 Unit
9. Church	
a. Without kitchen facilities	1 Unit
b. With kitchen facilities	2 Units
10. Small business not otherwise listed e.g., small business attached to single family residence with separate entrance	1 Unit
11. Gasoline Service Station (Without public restrooms) (Each additional public restroom)	1 Unit 1 Unit
12. Retail Garage / Vehicle Repair Garage	
a. 2 Bays or fraction thereof	1 Unit
b. Each bay over 2	0.5 Unit
13. Car Wash	
a. Hand Wash, Each Bay	2 Unit
b. Automatic, Each unit	3 Units
14. Laundromat	
a. Each 2 washers (single load)	1 Unit
b. Each 2 washers (double load or greater)	1.5 Units
15. Professional Office	
a. 5 Employees or less	1 Unit
b. Each Employee over 5	0.20 Unit



- 16. Apartment (Each Rental Unit) 1 Unit
- 17. Motel or Hotel (In addition to Restaurant Facilities)
  - a. Without kitchen facilities 0.5 Units Each Rental room
  - b. With Kitchen facilities 1 Unit Each Rental room
- 18. Schools / Approved Daycare
  - a. Without Showers (Each 20 Students 1 Unit or fraction thereof)
  - b. With Showers (Each 15 Students 1 Unit or fraction thereof)
  - c. With Cafeteria (Each 15 Students 1 Unit or fraction thereof)
  - d. With Shower and Cafeteria (Each 12 1 Unit Students or fraction thereof)
- 19. Bowling Alley w/o Tavern or Restaurant
  - a. Each 5 lanes or fraction thereof 1 Unit
  - b. Each lane over 5 0.2 Units
- 20. Industry (Employee/sanitary wastewater only) 1 Unit  
(Each 10,000 hours worked by owner or employees)
- 21. Medical Office to include Medical Doctors, Dentist, Chiropractors, Optometrist, etc. (each doctor) 1 Unit
- 22. Hospital or Nursing Home (Each Bed) 1 Unit
- 23. Boarding School (Each 3 Students or fraction thereof) 1 Unit
- 24. Barber or Beauty Shop (Each 2 chairs or fraction thereof) 1 Unit
- 25. Campground Metered

C. Estimated Sewer Rentals: In the event of any retail store, school or industry fails to file an annual statement as required by this Ordinance, the Township shall estimate the annual sewer rental and such estimate shall be the Sewer Rental due and payable by said user until

the required statement is filed, provided however that no rebates be shall be paid by the Township in the event the Certified Statement reveals a lower sewer rental than that estimated by the Township.

- D. If two or more Dwelling Units, stores, offices, industrial units, etc. are connected to the Sewage system through a single lateral or if two or more types of use are made of the same Improved Property, the Sewer Rentals, tapping fees, and charges, payable hereunder, shall be computed as though each such Dwelling unit, store, office, industrial unit, etc. and each such type of use were a separate Improved Property or user with a separate connection to a Sewer.
- E. Additional classifications and sewer rentals or modifications of the above schedule of sewer rental designations may be established by the Township from time to time as deemed necessary.
- F. Nothing herein contained shall be deemed to prohibit the Township from entering into separate agreements with Owners (including any school) with respect to Sewer Rentals to be imposed in those cases, due to unusual circumstances, the Sewer Rentals, tapping fees, or charges set forth herein shall be deemed by the Township to be unfair or inequitable.
- G. The fee in accordance with Act 203 together with any estimate of additional costs shall be due and payable at the time application is made by the Owner of any property to the Township for a permit to connect such property with the Sanitary Sewer System.
- H. All tapping fees, permits, and costs shall be made payable to Berwick Township or representative of the Township as shall be authorized, from time to time, by resolution of the Township, to accept payment thereof.
- I. Industrial / Commercial Establishments - Metered Rate: A wastewater meter or other flow measuring device (e.g. water meter) may be used by the Industrial or Commercial Establishment at the request of the Township or when an Establishment makes a request to the Township and the meter installation and method of billing as stated herein is approved by the Township. Sewer Rates for Sanitary Sewage not subject to special charge hereunder that shall be discharged into the Sanitary Sewer System from any Improved Property constituting an Industrial or Commercial Establishment shall be based upon volume of such discharge where the volume of such discharge shall be metered as required or permitted by this Ordinance. In such case, the sewer rental or charge shall be computed quarterly in accordance with the following schedule and subject to the following minimum sewer rental or charge:

#### METERED RATE SCHEDULE

Metered Waste Discharge.....Current Rate established by the Township per 1,000 gallons plus  
5% Charge for meter reading and special billing procedure.

Meters or other measuring devices which shall be permitted for use in determining volume of sewage waste discharge shall be of type approved for use by the Township, shall be furnished and installed by the Owner of the Improved Property at his expense, shall be under the control of the Township and may be tested, inspected, or repaired by the Township whenever necessary. The Owner of the Improved Property upon which such meter or other measuring device shall be installed shall be responsible for its maintenance and safekeeping, and all repairs thereto shall be made at the expense of the Owner, whether such repairs shall be made necessary by ordinary wear and tear or other causes. Bills for such repairs, if made by the Board, shall be due and payable immediately upon completion of such repairs and shall be collected in the same manner as quarterly bills for sewer rental or charges.

J. Charges for Sanitary Waste Having Certain Characteristics - Wastewater discharges to the Berwick Township Sanitary Sewer System shall meet the requirements as outlined in Section II, however the Township may approve under separate agreement that a commercial or industrial user may discharge wastewater having characteristics exceeding the following parameters:

Wastewater Flows	270 gpd/EDU
Biochemical Oxygen Demand (BOD)	240 mg/l
Suspended Solids (SS)	275 mg/l
Ammonia Nitrogen (NH <sub>3</sub> -N)	25 mg/l
Total Phosphorus (TP)	8 mg/l

Surcharges may be applied as per the following for wastewater discharges having flows above the limits as listed above:

$$\text{Quarterly Surcharge} = R \times [Q - (\text{EDU's} \times 270 \times 90)] / 1000$$

Whereas: Q = Actual Metered flow for the quarter  
R = Current surcharge rate per 1000 gallons as determined by the Township  
EDU's = Number of EDU's assessed to the discharger for quarterly billing  
270 = Normally assessed wastewater flow per EDU  
90 = Number of days in a quarter

Surcharges may be applied as per the following for wastewater discharges having concentrations above the limits as listed above.

$$\text{Quarterly Surcharge} = 0.00834 \text{ QI} [(BOD-250) A + (SS - 250) B + (NH_3N - 25) C + (TP - 25) D]$$

Whereas: QI = Quarterly flow in MGD as discharged by the Industry.  
BOD = Biochemical Oxygen Demand (5 day) in mg/l.  
SS = Suspended Solids in mg/l.  
NH<sub>3</sub>N = Ammonia Nitrogen in mg/l.  
TP = Total Phosphorus in mg/l

- A = Represents the operation, maintenance, capital and treatment costs incurred per thousand pounds of BOD treated at the wastewater treatment facility
- B = Represents the operation, maintenance, capital and treatment costs incurred per thousand pounds of Suspended Solids treated at the wastewater treatment facility.
- C = Represents the operation, maintenance, capital and treatment costs incurred per thousand pounds of Ammonia Nitrate treated at the wastewater treatment facility.
- D = Represents the operation, maintenance, capital and treatment costs incurred per thousand pounds of Total Phosphorus treated at the wastewater treatment facility.
  
- K. Change in Flat Rate Classifications: If use of classifications of any Improved Property shall change during any billing period, the sewer rental or charge shall be adjusted by the Board, by pro-ration on a monthly basis to the nearest calendar month, with a credit or charge as shall be appropriate under the circumstances, being made on the statement for the next succeeding billing period.
  
- L. Additional Flat Rate Classifications and Modifications of Flat Rate Classifications: The Board reserves the right, from time to time, to establish rates therefore; and the Board further reserves the right, from time to time, to alter modify, revise or amend flat rate classifications and the rates applicable thereto.
  
- M. Multiple Unit Rates: Each Dwelling Unit, Commercial Establishment, Institutional Establishment or Industrial Establishment located in a Multiple Unit discharging Sanitary Sewage directly or indirectly into the Sanitary Sewer System shall be billed as a separate entity or unit: irrespective of whether or not such separate entity has separate toilet or waste facilities and irrespective of whether or not such entity or unit has a separate connection to a Sewer, and the applicable sewer rental or charge for such separate entity or unit shall be computed in accordance with the applicable classifications and rate set forth in this Section III as though such separate entity or unit constituted a separate Improved Property.
  
- N. Special Agreements: Notwithstanding any provision in this Ordinance to the contrary, the Board shall have the right based upon good reason and circumstance existing, to enter into special agreements with the Owner of any Improved Property constituting an Industrial Establishment with respect to terms and conditions upon which Sanitary Sewage and/or industrial wastes may be discharged into the Sanitary Sewer System and with respect to the payments of sewer rentals or charges in connection therewith. In such event, such service and payments with respect thereto shall be governed by terms and conditions of such special agreement.

## **2. TIME AND METHOD OF PAYMENT**

- A. All billing statements for sewer rental charges shall be submitted to the customer for the preceding quarter. Owners of the improved properties connected to the Sanitary Sewer System during any period of a quarter shall pay a pro-rated sewer rental charge for sewer service for the balance of the quarter.
- B. Sewer Rental charges shall be due and payable upon receipt by the customer as provided in Subsection A of this section. The appropriate amount computed in accordance with this Ordinance shall constitute the net bill. Sewer rental charges not paid within thirty (30) calendar days after each billing date, shall be subject to an additional late charge of 1.5%, which shall be added to the net bill. The net bill plus such additional charge (1.5%) shall constitute the gross bill. Payments made or mailed and postmarked on or before the last day of such 30-calendar day period shall constitute payment within such period. If the end of such 30-calendar day period shall fall on a legal holiday or a Sunday, payment made on or mailed and postmarked on the next succeeding weekday which is not a legal holiday shall constitute payment within such period. Any bill not paid within said 30 calendar day period shall be deemed delinquent.

## **3. CHANGE IN ADDRESS, OWNERSHIP, OR TENANCY**

- A. Every Owner of Improved Property that is connected to the Sewage System initially shall provide the Township with, and thereafter shall keep the Township advised of, his correct address. Failure of any person to receive bills for Sewer Rentals or 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.
- B. Every Owner of Improved Property that is connected to the Sewage System shall advise the Township in writing on any change of ownership or tenancy of the Improved Property. Failure to provide notice libels the initial property owner for any sewer rentals or charges that may accrue until such time as the Township has been notified of an ownership or tenancy change.

## **SECTION V** **ENFORCEMENT AND ADMINISTRATION**

- A. Any owner, person, partnership, corporation or other legal entity who shall violate the provisions of this Ordinance shall be subject, upon summary conviction for a first offense and upon summary conviction for each subsequent offense, to a fine of not to exceed One Thousand Dollars (\$1,000), together with costs of prosecution in each case, and in default of payment of such fine shall be subject to imprisonment up to 90 days. Each day that a violation continues shall be deemed as a separate offense and shall be punishable as such. Each discharge of a substance in excess of the maximum allowable concentration shall also be deemed and shall be taken as a separate violation. In addition to the penalties provided herein, the Township may sue at law or in equity to enjoin violations herein and

in addition to damages may recover reasonable attorney's fees, court costs, court reporter's fees and other expenses of litigation by appropriate suit at law or in equity against the person, partnership, corporation or other legal entity found to have violated this Ordinance, or the orders, rules, regulations, and permits issued hereunder.

- B. If any owner, person, partnership, corporation or other legal entity refuse or neglect to pay any fee, sewer rental, and/or charge imposed by this Ordinance, the Township is authorized to file such municipal claim or lien in the proper office of the Court of Common Pleas of Adams County, Pennsylvania, as provided by law against the property or properties with respect to which such fee, sewer rental, and/or charge shall have been charged. Any such municipal claim or lien shall include other charges authorized by law and include, but not be limited to, the Township's reasonable attorney's fees.
- C. Fines and costs imposed under provisions of this Ordinance shall be enforceable and recoverable in the manner at the time provided by applicable law.

## **SECTION VI**

### **ADDITIONAL PROVISIONS OF THIS ORDINANCE**

- A. This Ordinance shall become effective five (5) days following the date of adoption.
- B. Any Sewer Rentals or charges deemed delinquent, pursuant to this Ordinance, shall be cause for termination of service and shall be collected in any manner appropriate under law at the time in effect.
- C. The Township 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 Sewage System, which rules and regulations shall be, shall become, and shall be construed as part of this Ordinance.
- D. The Township shall in accordance with applicable Federal guidelines, provide for annual review and revision of all user charges and revise them periodically, if necessary, to meet actual operation and maintenance expenses and records shall be maintained as are necessary to document compliance with future regulations on the Township's user charges.
- E. In the event any provision, section, clause, or part of this Ordinance shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause, or part of this Ordinance, it being the intent of the Township that such remainder shall be and shall remain in full force and effect.
- F. Conflict: All other Ordinances and parts of other Ordinances inconsistent or conflicting with any part of this Ordinance are hereby repealed to the extent of such inconsistency or conflict.


**SECTION VII**  
**ATTACHMENTS**

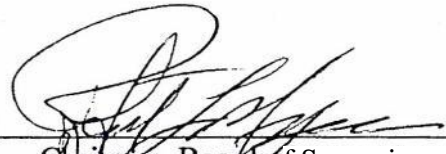
Grinder Pump Unit / Pressure Sewer Lateral Detail, Typical House Connection Detail,  
and Plumber/Electrician Registration Form

DULY ENACTED AND ORDAINED, this 22<sup>nd</sup> Day of October, 2001  
by the Board of the Berwick Township, Adams County, Pennsylvania, in lawful session duly  
assembled.

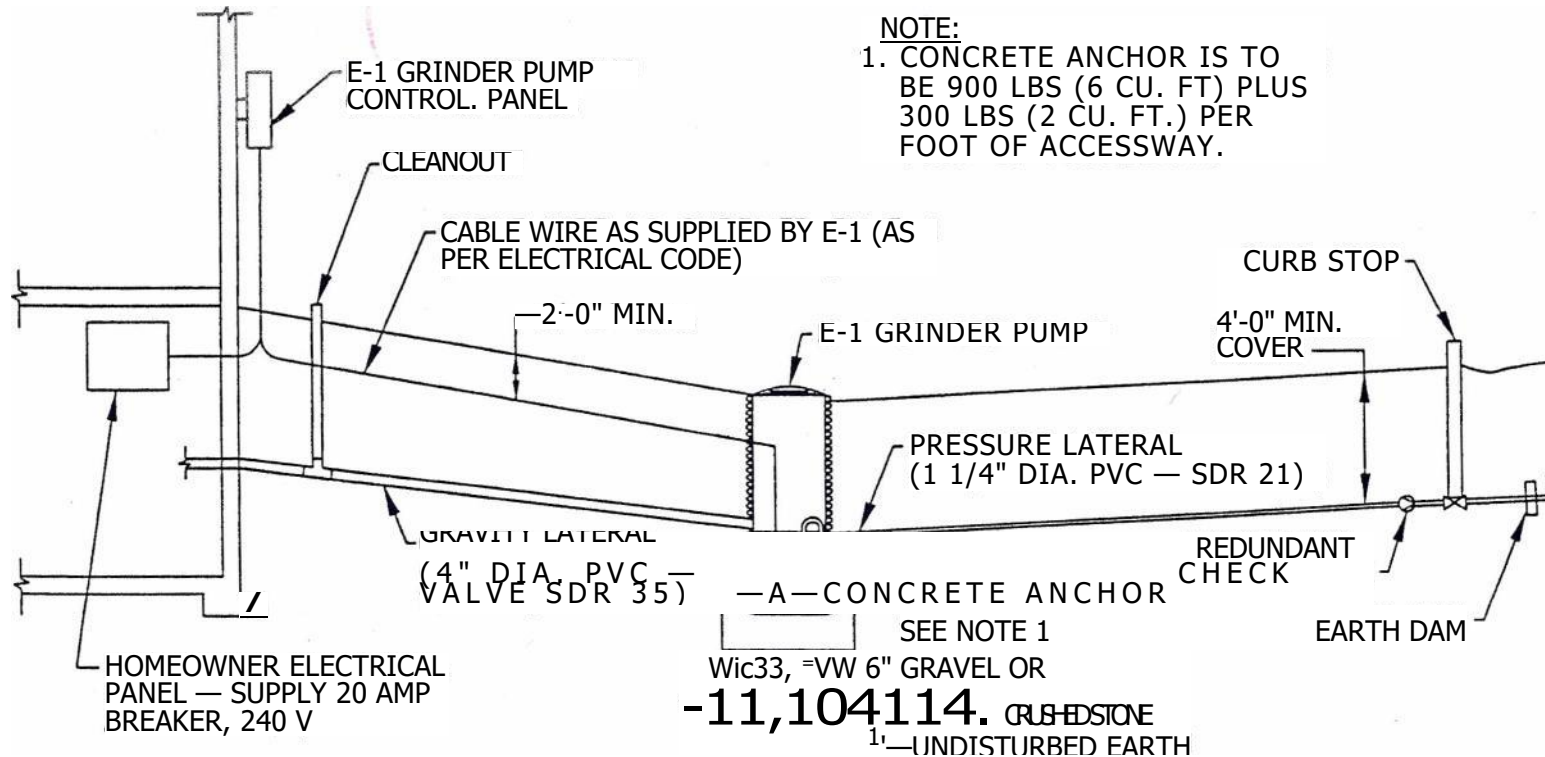
**ATTEST**

**BERWICK TOWNSHIP**

  
\_\_\_\_\_  
Secretary

BY:   
\_\_\_\_\_  
Chairman, Board of Supervisors of  
Berwick Township

(SEAL)



## GRINDER PUMP UNIT / PRESSURE SEWER LATERAL DETAIL

SCALE: N.T.S.

REVISED: 7/30/01

**WM. F. HILL & ASSOC., INC.**  
 GETTYSBURG, PA 17325

GRINDER PUMP UNIT / PRESSURE  
SEWER LATERAL DETAIL

SCALE:  
N.T.S.

BERWICK TOWNSHIP RULES AND REGULATIONS

1 OF 1  
SHEET NO.



PLUMBER/ELECTRICIAN REGISTRATION FORM

BERWICK TOWNSHIP  
85 MUNICIPAL ROAD  
HANOVER, PA 17331

Fine (dame) \_\_\_\_\_

Business Address \_\_\_\_\_  
Street City State Zip

Business Phone No. \_\_\_\_\_ Emergency Phone No. \_\_\_\_\_

Responsible Official \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_  
Street City State Zip

Work Phone No. \_\_\_\_\_ Home Phone No. \_\_\_\_\_

STATEMENT OF QUALIFICATIONS

1. Equipment Available

Type of Equipment (trucks, backhoe, etc.) Age Number Available

- (a) \_\_\_\_\_
- (b) \_\_\_\_\_
- (c) \_\_\_\_\_

2. Experience (indicate recent Jobs which can be checked for workmanship)

Name Address Phone

- (a) \_\_\_\_\_
- (b) \_\_\_\_\_
- (c) \_\_\_\_\_

3. Registration (Indicate municipalities where you have provided similar service)

Name and Address Phone

- (a) \_\_\_\_\_
- (b) \_\_\_\_\_
- (c) \_\_\_\_\_

Attach Insurance Certificate Name of Insurance Agent \_\_\_\_\_

As a plumber or electrician requesting permission to work for property owners to make plumbing or electrical connections to the Township's sewer system, I hereby certify that I am aware of the Township's Property Owner Connection and installation Requirements and that all connections performed by the firm I represent will be in accordance with these requirements.

In consideration of being authorized to make plumbing or electrical connections to the Township's sewer system, the Contractor agrees to save the Township harmless from: (a) any claims of property owner or others arising out of work on connections to the Township's sewer system and (b) any damages to the Township's sewer system or any costs or expenses Incurred by the Township resulting from the failure of an applicant to comply with the Township's requirements.

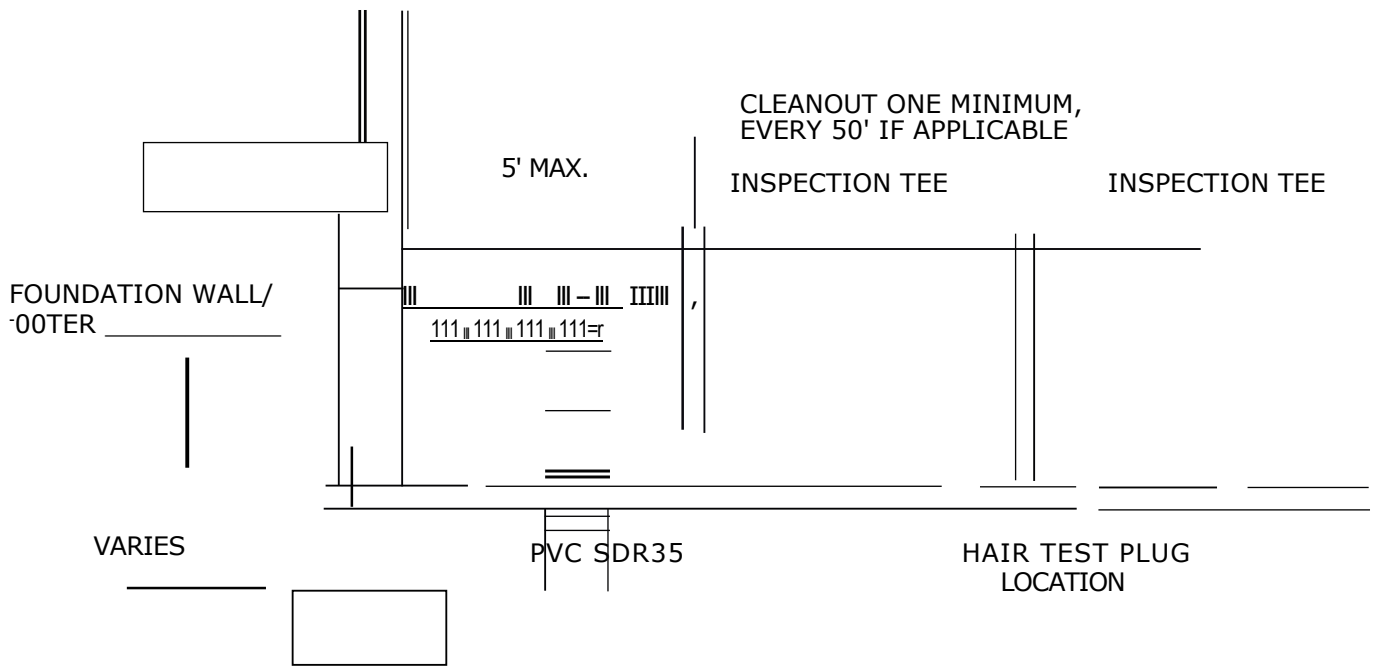
Date \_\_\_\_\_ Acknowledged by: \_\_\_\_\_  
(Signature of Responsible Company Official)

Approved to perform: Plumbing connections \_\_\_\_\_ Electrical Connections \_\_\_\_\_  
(approval to perform work is not a representation of the qualifications of the applicant to do the work)

By: \_\_\_\_\_  
(Municipal Representative)

Date: \_\_\_\_\_ Title: \_\_\_\_\_

Registration No. Issued to Applicant: \_\_\_\_\_



NOTE: THIS DETAIL ASSUMES THAT THE HOME HAS PROPER TRAPS AND VENTS.

## TYPICAL SANITARY SEWER HOUSE CONNECTION

SCALE: N.T.S.

REVISED: 7/30/01

**M. F. HILL & ASSOC., INC.**

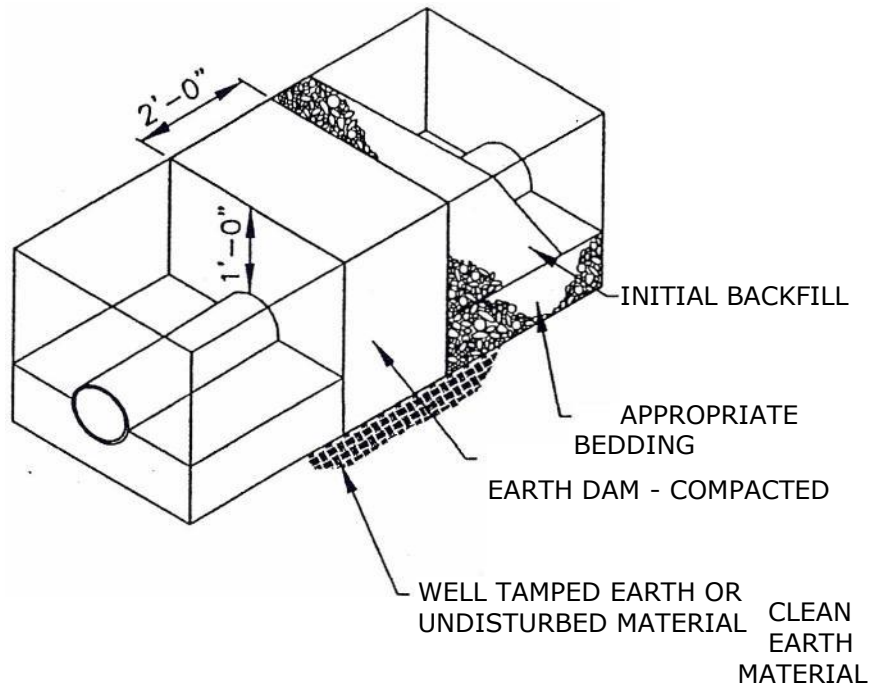
GETTYSBURG, PA 17325

TYPICAL SANITARY SEWER  
HOUSE CONNECTION

BERWICK TOWNSHIP  
RULES AND REGULATIONS

SCALE  
N.T.S.

1 OF 1  
SHEET NO.



## TYPICAL EARTH DAM

SCALE: N.T.S.

NOTE:  
 EARTH DAMS REQUIRED AT  
 NOT LESS THAN (3) FEET  
 UPSTREAM FROM INLINE  
 STRUCTURES AND IN MAIN  
 SEWER TRENCHES AT 50'  
 INTERVALS; AND AT SUCH  
 OTHER LOCATIONS REQUIRED  
 BY ENGINEER/ TOWNSHIP  
 REPRESENTATIVE. ALL  
 LATERALS (GRAVITY OR  
 PRESSURE) SHALL HAVE A  
 MINIMUM OF ONE EARTH DAM.

# WM. F. HILL & ASSOC., INC.

GETTYSBURG, PA 17325

	TYPICAL EARTH DAM	SCALE N.T.S.
	BERWICK TOWNSHIP RULES AND REGULATIONS	1 OF 1 SHEET NO.