

## LEWIS TOWNSHIP SEWER ORDINANCE OF 2012<sup>1</sup>

**AN ORDINANCE OF THE TOWNSHIP OF LEWIS, COUNTY OF NORTHUMBERLAND, COMMONWEALTH OF PENNSYLVANIA, PROTECTING, BENEFITTING AND PRESERVING THE HEALTH, SAFETY AND WELFARE OF THE TOWNSHIP'S INHABITANTS; REQUIRING THE USE OF PUBLIC SEWERS; REGULATING BUILDING SEWERS AND SEWER CONNECTIONS; PROVIDING CERTAIN SEWER RENTAL FEES, SEWER CONNECTION FEES AND OTHER CHARGES; SETTING REGULATIONS GOVERNING DISPOSAL OF INDUSTRIAL AND OTHER WASTEWATER IN PUBLIC SEWERS; PROVIDING FOR ENFORCEMENT OF VIOLATIONS; AND SETTING AN EFFECTIVE DATE.**

### **ARTICLE I Sewer Connections**

#### **Section 1. Declaration of purpose.**

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

#### **Section 2. Use of public Sewers required.**

A. The owner of any improved property located in this Township which is adjoining or adjacent to or whose principal building is within 150 feet of the Sewer System, shall connect such property to the Sewer System, in such manner as the Township may require, within sixty (60) days after notice to do so, for the purpose of discharge of all Wastewater from the property, subject to such limitations and restrictions as shall be established by the Township from time to time.

B. All Wastewater from any property connected to the Sewer System shall be conducted into a Sewer, subject to such limitations and restrictions as shall be established herein or as otherwise shall be established by the Township from time to time.

C. No person shall place or deposit or permit to be placed or deposited upon public or private property within the Township any Wastewater in violation of this Ordinance. No person shall discharge or permit to be discharged to any natural outlet within this Township any Wastewater in violation of this Ordinance, except where suitable treatment has been provided which is satisfactory to the Township.

D. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or maintained at any time upon any property which has been connected or which shall be

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<sup>1</sup> This document contains revisions current through Ordinance 2014-5 and Resolution 2014-6.

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

E. No privy vault, cesspool, sinkhole, septic tank or similar receptacle at any time shall be connected with a Sewer.

F. The notice by the Township to make a connection to a Sewer, referred to in this Section, shall consist of a copy of this Ordinance, including any amendments and/or supplements at the time in effect, or a summary of each Section hereof, and a written or printed document requiring the connection in accordance with provisions of this Ordinance, and shall specify that such connection shall be made within sixty (60) days from the date such notice is given. The notice may be given at any time after a Sewer is in place which can receive and convey Wastewater for treatment and disposal from the particular property. The notice shall be served upon the owner of the property by personal service, by registered mail, or by such other method as at the time may be provided by law.

G. No basement floor drain shall be permitted to be connected to the Building Sewer, except where it can be shown to the satisfaction of the Township that the connection is absolutely necessary for conveyance and treatment of Wastewater not influenced by clear or extraneous sources of unpolluted water.

H. No Person shall discharge into the Sewer System any Wastewater from any source other than that for which a permit has been issued as provided by this Ordinance.

I. No Person shall discharge into the Sewer System any Wastewater containing any substance which may cause any product of the Sewer System, such as residue, sludge, or scum, to be unsuitable for reclamation and reuse or which may interfere with the reclamation process. No Person shall discharge into the Sewer System any substance that may cause the Wastewater to be in non-compliance with the sludge use or disposal criteria, guidelines or regulations; any criteria, guidelines or regulations affecting sludge use or disposal developed pursuant to federal, state or local law, rule, regulation or ordinance, including without limitation the Solid Waste Disposal Act, the Clean Air Act, the Clean Water Act, or the Toxic Substance Control Act.

J. No Person shall discharge into the Sewer System any Wastewater containing any pollutants, including oxygen demanding pollutants (BOD, *etc.*), released at a flow rate and/or pollutant concentration which the Person knows or has reason to know will cause interference to the Sewer System. In no case shall a slug load have a flow rate or contain concentrations or quantities of pollutants that exceed, for any time period longer than fifteen (15) minutes or more than five (5) times the average twenty-four hour concentrations, quantities or flow during normal operations.

K. No person shall discharge into the Sewer System any pollutant(s) which cause Pass Through or Interference. The Township may establish Local Limits regulating Pass Through and/or Interference.<sup>2</sup>

### **Section 3. Building Sewers and connections.**

A. All connections to a Sewer shall be made in strict conformance with the Specifications for Sewer Construction.

B. Except as otherwise provided, each property and/or building shall be connected separately and independently to the Sewer through a Building Sewer. Grouping of more than one property or building on one Building Sewer shall not be permitted, except under special circumstances and for good cause shown, and then only after special permission of the Township, in writing, and subject to such rules, regulations and conditions as may be prescribed by the Township.

C. All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer, including testing, shall be borne by the owner of the property or building to be connected; and such owner shall indemnify and save harmless the Township from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a Building Sewer or of connection of a Building Sewer to a Sewer.

D. A Building Sewer shall be connected to a Sewer at the place designated by the Township and where the Sewer Lateral is provided. The invert of a Building Sewer at the point of connection shall be at the same or a higher elevation than the invert of the Sewer. A smooth, neat joint shall be made, and the connection of a Building Sewer to the lateral shall be made secure and water-tight.

E. If the owner of any property who receives from the Township a notice to connect his property to the Sewer System fails to make connection, as required, the Township may make such connection and may collect from such owner the costs and expenses thereof. In such case, the Township, upon completion of the work, may send an itemized bill of the cost of the construction of such connection to the owner of the property, which bill shall be payable forthwith. In case of neglect or refusal by the owner to pay the bill, the Township may file a municipal lien for said construction and/or take such other steps as the Township, in its sole discretion, deems prudent to secure payment of the bill.

F. The Supervisors of the Township shall establish the sewer rental rate by resolution.

G. A Tap fee of \$3,000.00 per EDU, a Connection Fee of \$300.00 per Sewer Lateral connection provided by the Township, and an Inspection Fee of \$25.00 per Sewer Lateral shall be charged to all owners of buildings and/or properties connecting to the Sewage Collection System. Where there is new construction extending or replacing the Sewage Collection System,

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<sup>2</sup> Article I, Section 2, Subsections H, I, J, and K were added by Ordinance No. 2014-5.

the Supervisors may levy a one-time construction charge reimbursing the Township for all or part of the construction cost. The Supervisors shall establish each such fee by resolution.

#### **Section 4. Rules and regulations governing Building Sewers and connections to Sewers.**

A. Where a property or building, at the time connection to a Sewer, is served by its own sewage disposal system or device, the existing sewage disposal facilities shall be abandoned and removed from the property, and attachment shall be made to the Sewer System. All such work shall be performed in accordance with the Specifications for Sewer Construction.

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 being inspected and approved, it shall be uncovered for inspection at the cost and expense of the owner of the property to be connected to the Sewer.

C. Every Building Sewer shall be maintained in a sanitary and safe operating condition by the owner of the property.

D. Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect persons and property from damage and injury. Streets, sidewalks and other public property disturbed in the course of installation of a Building Sewer shall be restored, in a manner satisfactory to the Township, at the cost and expense of the owner of the property being connected.

E. If any person fails or refuses, upon receipt of written notice from the Township, to remedy any unsatisfactory condition with respect to a Building Sewer, within sixty (60) days of receipt of notice or such shorter time as the Township shall provide, the Township may refuse to permit such person to discharge sanitary Wastewater into the Sewer System until such unsatisfactory condition shall have been remedied to the satisfaction of the Township.

F. The Township may adopt, from time to time, additional rules and regulations it deems necessary and proper relating to connections with a Sewer and the Sewer Collection System, which additional rules and regulations, to the extent appropriate, shall be construed as a part of this Ordinance.

G. Any Building Sewer constructed in conformance with the Specifications for Sewer Construction and installed prior to the enactment of this Ordinance shall be tested in conformance with the requirements of the Specifications for Sewer Construction. Upon inspection and evaluation, the Township, in its reasonable discretion, shall determine whether the Building Sewer is sufficiently compliant with the Township's requirements. If the Building

Sewer is not so compliant, the owner of the property shall remedy any unsatisfactory condition as required by this Section.<sup>3</sup>

## **ARTICLE II Sewer Rentals and Charges**

### **Section 1. Sewer rentals and other charges.**

Sewer rentals and other charges are imposed upon and shall be collected from the owner of each property connected to the Sewage Collection System. These charges will apply for use of the Sewer System, whether such use shall be direct or indirect, and for services rendered by the Township in connection therewith, and for any charges pertaining to the sewer system payable by the Township to any other individual or entity. Sewer rentals and charges imposed under this Ordinance shall commence and shall be effective as of the date of connection, directly or indirectly, of the property or building to the Sewage Collection System and shall be payable in accordance with the schedule of rates and classifications established by the Township by separate resolution. Rates may be separately established for various temporary or permanent sewer districts within the Township.

### **Section 2. Computation of sewer rentals and other charges.**

A. In addition to any other applicable charges imposed by the Township, sewer rentals and charges for sewage discharged into the Sewage Collection System from any property shall be on a flat rate basis per equivalent dwelling unit (“EDU”), payable monthly. The Township shall adopt, by Resolution, a rental rate per EDU and a list of classifications to establish the number of EDUs for particular uses.<sup>4</sup>

B. The Township may, from time to time, alter, modify, revise, amend and/or add to its list of flat rate classifications and to establish and/or modify the annual and monthly rates applicable thereto.

C. When any single connection to the Sewer System contains multiple billing units, the Township shall assess sewer rentals and charges, as appropriate, as though each such billing unit was in a separate structure and had a direct and separate connection to the Sewage Collection System.

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<sup>3</sup> Ordinance No. 2013-3 set standards and design criteria for Building Sewers, Sewer Laterals and Sewer connections. *See* Appendix II.

<sup>4</sup> Resolution No. 2012-06 set the initial sewer rental rate at \$85.66 per EDU. *See* Appendix I.

D. Notwithstanding any provision in this Ordinance to the contrary, the Township shall have the right to enter into special agreements with the owner of any property, with respect to terms and conditions upon which sewage may be discharged to the Sewage Collection System and with respect to payments to be made to the Township in connection therewith.

E. If the Township Supervisors deem it appropriate, they may impose temporary or permanent sewer districts in order to impose the cost of construction or reconstruction of the Sewer System equitably upon those who benefit from the constructing or reconstructing. Each said district may have separate connection fees, inspection fees and tapping fees and may also have separate user fees.

F. When a property owner receives a notice to connect to the Sewer System pursuant to Article I, Section 2.F. of this Ordinance, sewer rentals shall begin to accrue on the Commencement Date, which shall be defined as the earlier of the date for mandatory connection contained in the notice to connect or the date of actual connection. Sewer rental charges for the month during which connection occurred shall be apportioned as follows:

(1) If the Commencement Date is such that sewer rentals are due for five (5) or fewer days during the month containing the Commencement Date, then no sewer rental charges shall be due for that month.

(2) If the Commencement Date is such that sewer rentals are due for more than five (5) but less than twenty (20) days during the month containing the Commencement Date, then sewer rental charges shall be due for one-half (½) of that month.

(3) If the Commencement Date is such that sewer rentals are due for twenty (20) or more days during the month containing the Commencement Date, then sewer rental charges shall be due for the entire month.<sup>5</sup>

G. Any Owner of an Improved Property who fails to connect to the Sewer System within thirty (30) days after the date for mandatory connection contained in the notice to connect sent to the Owner shall pay to the Township a surcharge in an amount equal to two (2) times the Township's then effective sewer rental rate per EDU.

(1) Such surcharge shall be imposed on a per EDU basis and shall be levied monthly in addition to the sewer rental rate, such that the Owner shall pay the Township three (3) times the amount per month that would have been paid if the connection had been made as required.

(2) The surcharge for failure to connect shall cease after the Owner has made connection as required.

(3) The Supervisors may waive the surcharge for failure to connect if they determine in their discretion that failure to connect resulted from circumstances beyond the control of the Owner.<sup>6</sup>

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<sup>5</sup> Article II, Section 2, Subsection F. was added by Ordinance No. 2013-5.

### **Section 3. Surcharge for certain industrial wastes.**

A. Any person discharging industrial wastes to the Sewage Collection System having a BOD in excess of 250 ppm shall pay a strength of waste surcharge in an amount equal to the product of the actual volume of wastes in thousand gallons per quarterly billing period, discharged to the Sewage Collection System and the "BOD surcharge rate," which shall be established by the Township, by Resolution.<sup>7</sup>

B. Any person discharging industrial wastes to the Sewage Collection System having a suspended solids concentration in excess of 300 ppm shall pay a strength of waste surcharge in an amount equal to the product of the actual volume of wastes in thousand gallons per billing period, discharged to the Sewage Collection System and the "suspended solids surcharge rate," which shall be established by the Township, by Resolution.<sup>8</sup>

C. In the case of industrial wastes containing substances or materials which can be treated by the Township only with extra care and costs and where neither surcharge stated above shall apply, the Township reserves the right to accept such industrial wastes only after a study of the same has been made and a formula for surcharge and regulations applicable to such discharge have been made.

D. All surcharges provided for in this Section will be in addition to the rentals and charges otherwise provided for in this Ordinance.

E. The strength of any industrial wastes shall be determined monthly, or more or less frequently, at the Township's sole discretion, by samples taken at a sampling point agreed to by the Township and the person discharging the wastes. The frequency and duration of the sampling period shall be such as, in the opinion of the Township, will permit a reasonably reliable determination of the average composition of the said wastes. Samples shall be collected by a representative of the Township in proportion to the flow of waste and composited for analysis in accordance with Standard Methods. Except as herein provided, the strength of the waste as found by analysis shall be used for establishing any applicable surcharge or surcharges. However, the Township, if it so elects, may accept the results of routine sampling and analysis by the person discharging the wastes in lieu of making its own samplings and analysis.

F. The Township may require any Person, Significant User or Significant Industrial User discharging Wastewater and/or Industrial Wastes into the Sewer System to install a suitable manhole or manholes on that Person's Building Sewer or connecting sewer or sewers to facilitate observation, sampling and measurement of the combined flow of Wastewater from the premises. Such manhole or manholes shall be accessible and safely located and shall be constructed in accordance with plans approved by the Township. The manhole or manholes shall be installed by the Owner at the Owner's expense and shall be maintained by the Owner so as to be safe and accessible to the Township and its authorized representatives at all times. Construction and

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<sup>6</sup> Article II, Section 2, Subsection G. was added by Ordinance No. 2014-1.

<sup>7</sup> The BOD surcharge rate was set by Resolution No. 2014-6. *See* Appendix I.

<sup>8</sup> The suspended solids surcharge rate was set by Resolution No. 2014-6. *See* Appendix I.

maintenance of such manholes shall be mandatory for Significant Users and Significant Industrial Users.

G. All Persons shall provide protection from accidental discharge to the Sewer System of materials or other substances regulated by this Ordinance or any other applicable federal, state or local law, rule, regulation or ordinance. Any Person conducting any activity reasonably likely to result in such an accidental discharge shall construct and maintain appropriate facilities to prevent such accidental discharges at that Person's own cost and expense. If an accidental discharge occurs, the Person responsible for such discharge shall notify the Township of the discharge immediately. Notification shall include the location of the discharge, the type, concentration and volume of waste discharged, and the corrective action the Person proposes to take. Within five (5) days after an accidental discharge, the Person responsible for such discharge shall submit to the Township a detailed written report containing the information identified above and describing the cause of the discharge and the measures proposed to be taken to prevent future accidental discharges. The notification required by this subsection shall not relieve any Person of any expense, loss, damage or other liability arising out of or incurred as a result of the accidental discharge, including without limitation damage to the Sewer System, fish kills, or damage to public or private property, nor shall such notification relieve the Person of any fines, civil penalties or other liability imposed pursuant to any applicable federal, state or local law, rule, regulation or ordinance.

H. When a user of the Sewer System discharges Wastewater containing heavy metals, either in suspension or solution, the Township may use total solids instead of suspended solids as a basis for calculating surcharge rates provided for in this Ordinance, provided that the Township, in its sole and absolute discretion, determines that the suspended solids do not represent the true characteristics of the solids loading.<sup>9</sup>

#### **Section 4. Admission of industrial wastes into the sewage collection system.**

A. No person shall discharge or cause to be discharged into the Sewage Collection System any industrial wastes except upon application to the Township and upon receipt of a written permit therefor from the Township.

B. Any person desiring to discharge industrial wastes into the Sewage Collection System shall file with the Township an "Industrial Wastes Questionnaire," to be furnished by the Township, which shall supply to the Township pertinent data, including estimated quantity of flow, characteristics and constituents, with respect to industrial wastes proposed to be discharged into the sewage collection system. The cost of obtaining all such data shall be borne by the person desiring to discharge the waste. In order to allow adequate time for review, all necessary data should be submitted at least thirty (30) days prior to the date upon which the applicant desires to begin to discharge industrial wastes. The Township will attempt to complete all necessary reviews within thirty (30) days; however, the Township may take such additional time for review as it deems necessary or convenient.

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<sup>9</sup> Article II, Section 3, Subsections F, G and H were added by Ordinance No. 2014-5.



C. When required by the Township, any person who proposes to discharge industrial wastes into the Sewage Collection System shall construct and thereafter properly maintain, at his own expense, a suitable control manhole and such other devices as may be approved by the Township to facilitate observation, measurement and sampling of industrial wastes discharged to the Sewage Collection System. Any such control manhole shall be constructed at an accessible, safe, suitable and satisfactory location and in accordance with plans approved by the Township prior to commencement of construction.

D. Any industrial establishment discharging sanitary sewage and/or industrial wastes into the Sewage Collection System shall notify the Township, in writing, at least ten (10) days prior to any change in the method of operation which will alter the characteristics and/or volumes of wastes being discharged into the Sewage Collection System.

E. When required by the Township, grease, oil and sand interceptors shall be provided by the owner of any commercial, institutional and/or industrial establishment, for the proper handling of liquid wastes containing grease in excessive amounts or any inflammable wastes, sand or other harmful constituents. The interceptor shall be of a type and capacity as specified in the Specifications for Sewer Construction. Interceptors shall be cleaned at least twice per year.

F. The Township, in its sole discretion, may require industrial establishments having large variations in rates of waste discharge to install suitable regulating devices for equalizing waste flows to the Sewage Collection System.

G. The Township reserves the right to refuse connection to the Sewage Collection System, or to compel discontinuance of the use of the Sewage Collection System, for deleterious industrial wastes, or to require pretreatment and equalization of flow of such wastes in order to prevent harmful or adverse effect upon the Sewer System. The design, construction and operation of such pretreatment and flow equalization facilities shall be made at the sole expense of the person discharging said wastes and subject to the approval of the Township.

H. In general, any industrial wastes that may cause any of the following effects will be considered harmful to the Sewer System:

- (1) Chemical reaction either directly or indirectly with the materials of construction of the Sewer System in such a manner as to impair the strength or durability of any structures.
- (2) Mechanical action that will destroy any sewerage structures.
- (3) Restriction of the hydraulic capacity of any sewerage structures.
- (4) Restriction of the normal inspection or maintenance of sewerage structures.
- (5) Danger to public health and safety.
- (6) Obnoxious conditions harmful to public interest.

I. Any person discharging wastewater to the Sewage Collection System shall:

(1) Permit the employees or authorized representatives of the Township to enter upon the property at reasonable times for the purpose of making such tests of the wastewater and making such inspections of any facility discharging said wastewater as the Township may deem necessary or appropriate.

(2) Make analyses of the discharge or discharges to the Sewage Collection System at intervals required by the Township to ensure that the restrictions on the nature or composition of the discharge are met; furnish to the Township the results of such tests; promptly investigate all complaints made by the Township as to the nature or composition of the wastes discharged; and take steps promptly to exclude, or reduce to acceptable limits, waste which may overload or adversely affect the proper and efficient operation of the Sewer System or otherwise violate the limits imposed by the Township. Said tests shall be made in accordance with Standard Methods.

(3) Be solely responsible for any damages which occur to the Sewer System that are attributable to wastes discharged by said person in excess of the limits imposed by the Township or provided by separate agreement with the Township.

J. The Township reserves the right to discontinue service to persons discharging wastewater to the Sewer System upon the happening of any one or more of the following conditions:

(1) Upon notice of a violation of any federal, state, county or municipal law, rule, regulation or ordinance relating to the discharge of effluent attributable to the effluent of said person. The Township shall notify the person of discontinuance of service based upon such violation.

(2) If the effluent discharged exceeds the concentration limitations imposed by the Township.

(3) If the effluent discharged causes any damage whatsoever to the Sewer System.

(4) Service may be resumed upon the correction of any such deficiency.

## **Section 5. Measuring volume of effluent.**

This Section shall be applicable whenever it is necessary under this Ordinance for the Township to calculate the volume of effluent discharged into the Sewage Collection System.

A. The person discharging effluent shall install a meter or other measuring device approved by the Township on the connection to the Sewage Collection System. The readings from such meter or measuring device shall be used as the measure of discharge of effluent in computing surcharges.

B. Meters or other measuring devices (i) shall be furnished and installed, in accordance with specifications of the Township, by the owner of the improved property at his expense, (ii) shall be under the control of the Township and (iii) may be calibrated, tested, inspected or repaired by the Township whenever the Township deems it necessary or convenient to do so. The owner of the improved property shall be responsible for the maintenance and safekeeping of any meter or other measuring device, and all repairs thereto shall be made at the expense of the owner, regardless of the reason therefor.

C. The Township shall be responsible for reading all meters or other measuring devices, and the same shall be accessible to the Township at all reasonable times.

D. The Township may assess and collect fees from commercial, institutional and industrial users who discharge into the Sewer System High Strength Waste and/or Industrial Waste in order to recover costs for sampling, analysis, surcharges, permit application fees, and fines. Such fees are separate from the monthly sewer rental fees established by the Township and shall be billed directly to the users who discharge High Strength Waste and/or Industrial Waste. The Township shall maintain a fee schedule which lists the foregoing fees and charges.<sup>10</sup>

#### **Section 6. Prohibited wastes.**

A. No person shall discharge or cause to be discharged into the Sewer System any stormwater, surface water, spring water, ground water, roof runoff, subsurface drainage, building foundation drainage, uncontaminated cooling water or unpolluted industrial process wastes, cellar drainage or drainage from roof leader connections.

B. No person shall discharge or cause to be discharged into the Sewer System any garbage, except properly shredded garbage through an under-the-sink garbage disposal.

C. No person shall discharge or cause to be discharged into the Sewer System any steam exhaust, boiler, blow-off, sediment, drip, or any pipe carrying or constructed to carry hot water, acid, germicide, grease, gasoline, naptha, benzine, fuel, oil or any other inflammable or explosive liquids, solids or gas substance detrimental to the sewer System.

D. Except as otherwise provided herein, no person shall discharge or cause to be discharged into the Sewer System any effluent having any of the following characteristics:

(1) Wastes containing liquids, solids or gases which by reason of their nature or quality may cause fire, explosion, or be in any other way injurious to persons, property or the structures of the Sewer System.

(2) Wastes having a temperature in excess of 150° F. or less than 32° F.

(3) Wastes having a pH lower than 6.0 or higher than 9.0, or having any corrosive property capable of causing damage or hazards to structures, equipment, or

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<sup>10</sup> Article II, Section 5, Subsection D was added by Ordinance No. 2014-5.

personnel of the Sewer System. The Township may require any Person discharging industrial wastes into the Sewage Collection System to install and maintain, at his own expense, in a manner approved by the Township, a suitable device to measure and record continuously the pH of the industrial wastes so discharged.

(4) Wastes containing any noxious or malodorous gas or substance which either singly or by interaction with other wastewater, in the opinion of the Township, is likely to create a public nuisance or hazard to life or property or to prevent entry into sewerage structures for their maintenance and repair.

(5) Wastes containing ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, hair, chemical or paint residues, greases, lime slurry or viscous material of such character or in such quantity that, in the opinion of the Township, may cause an obstruction to the flow in the Sewer System or otherwise interfere with the proper operation of the Sewer System. The maximum permissible concentration may vary, depending upon the size and flow of particular parts of the system.

(6) Wastes containing insoluble, nonflocculent substances having a specific gravity in excess of 2.65.

(7) Wastes containing soluble substances in such concentrations as to cause the specific gravity of the waste to be greater than 1.1.

(8) Wastes containing any of the following substances in solution or in suspension, in concentrations exceeding those shown in the following table:

Substance	Maximum Permissible Concentration (mg/l)
Phenolic compounds as C <sub>5</sub> H <sub>6</sub> OH	0.0005
Cyanides as CN	0.025
Cyanates as CNO	0.5
Iron as Fe	1.5
Trivalent Chromium as Cr	0.5
Hexavalent Chromium as Cr	0.05
Nickel as Ni	0.5
Copper as Cu	0.5
Lead as Pb	0.10
Tin as Sn	0.5
Zinc as Zn	1.0
Cadium as Cd	0.1

Substance	Maximum Permissible Concentration (mg/l)
Methylene Blue Active Substances	1.0
Sulfates	200.0
Arsenic	0.1
Barium	1.0
Phosphorous	10.0
Mercury	0.01
Chlorine Demand	10.0

(9) Wastes containing more than 20 ppm by weight of fat, tar, oil or grease.<sup>11</sup>

(10) Wastes containing more than 10 ppm of any of the following gases: hydrogen sulfide, sulfur dioxide, nitrous oxide, or any of the halogens.

(11) Wastes containing gases or vapors, either free or occluded, in concentrations toxic or dangerous to humans or animals.

(12) Wastes containing toxic substances in quantities sufficient to interfere with the biochemical processes of sewage treatment works or that will pass through the sewage treatment works and exceed state, federal or interstate requirements for the discharge of effluent into the receiving stream.

(13) Wastes containing Any toxic radioactive isotopes without a special permit.

(14) Wastes containing BOD in excess of 250 mg/l.

(15) Wastes containing TSS in excess of 300 mg/l.

(16) Wastes containing total dissolved solids (TDS) in excess of 850 mg/l.

(17) Wastes containing sodium chloride in excess of 100 mg/l.<sup>12</sup>

(18) Wastes containing Total Kjeldahi Nitrogen (TKN) in excess of 65 mg/l.<sup>13</sup>

(19) Wastes containing any trucked or hauled pollutants, except at discharge points designated by the Township.<sup>14</sup>

<sup>11</sup> Article II, Section 6, Subsection D(9) was amended to reduce the maximum permitted concentration of fat, tar, oil or grease from 30 ppm to 20 ppm by Ordinance No. 2014-2.

<sup>12</sup> Article II, Section 6, Subsections D(16) and D(17) were added by Ordinance No. 2013-2; Subsection D(17) was amended to reduce the maximum permitted concentration of sodium chloride from 350 mg/l to 100 mg/l by Ordinance No. 2014-2.

<sup>13</sup> Article II, Section 6, Subsection D(18) was added by Ordinance No. 2014-2.

E. Where the Township deems necessary, the owner of any property discharging effluent into the Sewer System shall install suitable pretreatment facilities acceptable to and approved by the Township.

(1) Prior to construction of any pretreatment facility, plans, specifications and any other pertinent information relating to proposed facility shall be submitted for approval of the Township. Construction of any such facility shall not be commenced until after approval thereof, in writing, by the Township.

(2) Any such pretreatment facility shall continuously be maintained, at the expense of the owner, in satisfactory operating condition; and the Township shall have access to any such facility at reasonable times for purposes of inspection and testing.

F. Nothing contained in this Section shall be construed as prohibiting any special agreement or arrangement between the Township and any person whereby effluent of unusual strength or character may be admitted into the Sewage Collection System by the Township, either before or after preliminary treatment.

#### **Section 7. Time and method of payment.**

A. Sewer rentals or charges imposed by this Section shall be payable monthly. Sewer rentals or charges shall cover services furnished during the each month immediately preceding the billing date.

B. Sewer rentals or charges shall be due and payable within ten (10) calendar days after the billing date. If payment is not received by the due date, the Township may add an additional sum of five percent (5%) to the bill. Whenever service to any property shall begin after the first day or shall terminate before the last day of any billing period, sewer rentals or charges for such period may be pro rated equitably, if appropriate, for that portion of the billing period during which such property was served by the Sewer System.

C. Every owner of a property connected to the Sewage Collection System initially shall provide the Township with and thereafter shall keep the Township advised of his correct address. Failure of any person to receive monthly 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 bill shall be payable.

#### **Section 8. Surcharges for excessive volume of effluent.<sup>15</sup>**

A. Any person discharging an excessive volume of effluent into the Sewer Collection System shall pay an excessive volume surcharge in an amount equal to one and one-half (1½) of the Township's then effective sewer rental rate. The excessive volume surcharge shall be levied

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<sup>14</sup> Article II, Section 6, Subsection D(19) was added by Ordinance No. 2014-5.

<sup>15</sup> Article II, Section 8 was added by Ordinance 2013-5.

on that portion of the effluent that is determined to be excessive in accordance with this Section and shall be calculated by dividing the number of gallons of excessive effluent by the number of gallons per EDU in the Township and multiplying the quotient by one and one-half (1½) of the Township's then effective sewer rental rate per EDU.

B. The Township may determine that a person has discharged an excessive volume of effluent if the Township Engineer determines, in his reasonable discretion, that the volume of effluent discharged by that person has been materially affected by inflow and/or infiltration of Prohibited Wastes (*see* Section 6 of this Article). The amount of effluent that is excessive within the meaning of this Section shall be the amount of effluent that the Township Engineer determines is attributable to a Prohibited Waste.

### **ARTICLE III**

#### **Administration and Enforcement**

#### **Section 1. Administration.**

The provisions of this Ordinance shall be administered by the Supervisors or their duly authorized representatives. In administering this Ordinance, the Supervisors and their duly authorized representatives shall have all of the powers and duties conferred upon them by applicable law.

#### **Section 2. Adoption of additional rules and regulations.**

The Township may adopt, from time to time, such additional rules and regulations as it deems necessary and proper in connection with use and operation of the Sewer System, which rules and regulations shall be construed as part of this Ordinance.

#### **Section 3. Liens for sewer rentals and other charges; filing and collection of liens.**

Any sewer rentals and other charges which are delinquent may be filed as a lien against the property connected to and served by the Sewer System, which lien shall be filed and collected in the manner provided by law for the filing and collecting of municipal claims. Nothing contained in this Section shall preclude the Township from exercising any other remedy available to it for collection of any monies owed to the Township.

#### **Section 4. Access.**

This Township shall have the right of access at reasonable times to any part of an improved property served by the Sewer System, and any meters used for purposes of inspection, measurement, sampling and testing and for performance of other functions relating to service rendered by the Township in connection with the Sewer System.

#### **Section 5. Penalties.**

A. Any person, firm or corporation who shall violate any provision of this Ordinance, upon conviction thereof in an action brought before a magisterial district judge in the manner provided for the enforcement of summary offenses under the Pennsylvania Rules of Criminal Procedure, shall be sentenced to pay a fine of not less than \$15 nor more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 90 days. Each day that a violation of this Ordinance or any part thereof continues shall be found to have been violated shall constitute a separate offense.

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

### **ARTICLE IV<sup>16</sup> Extensions, Alterations and Additions to the Sewer System**

#### **Section 1. Design and Review Requirements.**

A. Plans for extensions, alterations and additions to the Sewer System shall conform to the Specifications for Sewer Construction.

B. All plans for extensions, alterations and additions to the Sewer System and/or Private Sewers shall be prepared by a qualified registered Pennsylvania professional engineer.

C. All plans for extensions, alterations and additions to the Sewer System, including any supplementary specifications, catalog cuts, samples or shop drawings required by the Township, shall be submitted to the Township for review and approval prior to construction.

D. As a condition precedent to the Township's approval of any such plans, the Owner shall execute an agreement, in a form acceptable to the Township Solicitor, granting to the Township public sewer easements and rights-of-way within the project area. The Owner shall provide to the Township appropriate plats and legal descriptions for each easement and right-of-way for attachment as exhibits to the agreement.

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<sup>16</sup> Article IV was added by Ordinance No. 2014-5.



## **Section 2. Minimum standards for easements and rights-of-way.**

A. Public sewer easements and rights-of-way proposed on a subdivision or land development plan shall be a minimum of twenty feet (20') in width. To the extent physically possible, easements and rights-of-way shall be uniform in shape and parallel to property lines, with the sewer line located in the middle of the easement or right-of-way.

B. When a subdivision or land development plan is proposed for a tract of land on which the Township already has public sewer easement or right-of-way that is less than twenty feet (20') in width, the width of the easement or right-of-way shall be increased to twenty feet (20'), if physically practicable.

C. All public sewer easements and rights-of-way shall be cleared and graded in such a way as to be readily accessible for future Sewer System construction, reconstruction, repair and/or maintenance by the Township.

## **Section 3. Pressure system considerations.**

A. Whenever sewer service is proposed for development of any previously un-sewered area, the Township, in its sole discretion, shall determine whether gravity sewer service or pressure systems shall be installed. Gravity sewer service shall be preferred, unless the Township determines that gravity service is not technically, physically or economically feasible.

B. Any developer proposing to install a pressure system where gravity sewer service is technically and physically feasible, shall submit to the Township a detailed engineering report comparing the cost of pumping versus gravity sewer service options; the report shall include a twenty (20) year life cycle cost analysis of each alternative.

C. When a pump station or similar facility is proposed as part of a sewer service extension, it shall be situated upon its own individual lot of a size, shape and location suitable to the Township. When the sewer extension is dedicated to the Township, the pump station or similar facility and the lot containing it shall be dedicated and conveyed to the Township in a manner acceptable to the Township Solicitor.

D. The specific design of a pump station will vary depending upon circumstances, including its location and service area. Therefore, the Township will determine design requirements for each individual pump station on a case-by-case basis.

## **Section 4. Requirements for installation of sewer service extensions, alterations and additions.**

A. After the Township has approved plans for a sewer service extension, alteration or addition, either the Owner or by a contractor hired by the Owner may construct the work in accordance with the approved plans.

B. Any Person installing a sewer service extension, alteration or addition shall maintain insurance coverage of the type and in the amounts acceptable to the Township. The types of coverage required to be provided shall include workmen's compensation, general liability and automobile liability policies. General liability coverage must include independent contractors, completed operations and contractual liability coverage. The contractual coverage funds indemnification requirements. If the work includes blasting and excavation, blasting, collapse hazard and underground property damage coverage shall also be provided.

C. Any subcontractor who assists with installation must also be covered by insurance, either under the policies provided by the general contractor or under the subcontractor's own policies. The same insurance coverage requirements applicable to general contractors shall also be applicable to subcontractors.

D. Any Person required to maintain insurance under this Section shall provide to the Township such proof of coverage as the Township deems acceptable.

E. All Persons installing a sewer service extension, alteration or addition shall indemnify and hold the Township harmless from and against any and all claims and damages arising out of or pertaining to installation thereof. Such indemnification shall be evidenced by a written indemnification/hold harmless agreement in a form acceptable to the Township.

#### **Section 5. Required pre-construction activities.**

A. The Owner shall be responsible to obtain, at the Owner's sole cost and expense, all permits required for the work proposed, including without limitation DEP Water Quality Management Permits, soil erosion and sedimentation control permits and highway occupancy permits.

B. The Owner shall reimburse the Township for all of its reimbursable expenses, including without limitation engineering review and inspection costs and expenses, incurred as a result of the proposed improvements.

C. The Owner shall deposit with the Township a sum of money which shall be held in a non-interest bearing escrow account to pay for all of the Township's reimbursable costs and expenses.

(1) The amount of the escrow shall be one hundred ten percent (110%) of the Township's estimate of its outstanding costs and expenses.

(2) The Township shall determine the initial amount of the escrow deposit based upon the Township's estimate of its costs, including without limitation costs for construction inspection and reimbursement of professional fees incurred by the Township.

(3) The Township may adjust the amount of the escrow from time to time as it determines circumstances warrant.

(4) The Owner shall make its initial deposit to the escrow account before commencing construction of the improvements.

(5) The Owner shall deposit into escrow the initial funds and any additions thereto within ten (10) days after request by the Township, unless a longer period is approved by the Township. The Township shall have no obligation to perform any services relating to the project while a request for funds is outstanding.

(6) After the Township has been fully reimbursed for its allowable expenses, any funds remaining in escrow shall be refunded to the Owner.

(7) If the improvements are being approved and built in phases pursuant to applicable regulations, the Owner may request creation of a separate escrow for each phase of the work in lieu of making one deposit for the entire project. Each separate escrow account shall be treated in the same manner as set forth above.

D. The Owner shall enter into a sewer system extension, alteration or addition agreement with the Township in a form acceptable to the Township. The agreement shall provide the Owner's guarantee that the extension, alteration or addition will be constructed in accordance with approved specifications, that all work will be completed at the time and in the manner required, that all requirements of applicable law, including this Ordinance, will be followed, that the Township will be indemnified and held harmless from and against all claims and damages arising out of or pertaining to the work to be done, and that the Owner will reimburse the Township for all of its costs and expenses for review and inspection of the improvements.

E. The Owner shall post financial security with the Township to ensure completion of the improvements in accordance with the plans. This improvement security shall be posted and released in accordance with the analogous provisions of the Municipalities Planning Code, including Sections 509-511 thereof, 53 P.S. §§10509-10511, as amended. Security shall be in the amount of the greater of one hundred ten percent (110%) of the cost of completion of the improvements, as determined by the Township's engineer, or such lesser amount as may be authorized by applicable law.

F. The Owner shall give the Township ten (10) days prior notice of the Owner's intention to begin construction, in order to ensure proper inspection. The Township reserves the right not to approve any work begun prior to expiration of this notice period.

## **Section 6. Construction requirements.**

A. The Owner is solely responsible to pay for all aspects of the planning and construction of improvements, and the Township shall have no liability for payment of any part of the costs or expenses arising out of or pertaining to the same.

B. The Owner shall construct the improvements in strict conformance with the approved plans. During construction, material, workmanship and compliance with the plans shall be subject to inspection by and approval of the Township.

C. When the Owner has completed construction in conformance with the approved plans, the Owner shall request final inspection by the Township. If, after final inspection, the Township finds that the improvements have been constructed properly and in compliance with the approved plans, the Township shall provide to the Owner a letter so stating.

D. If the Township determines that the Owner has not installed the improvements in compliance with the plans and the requirements of the Township, the Township shall give notice in writing of such noncompliance. If, after notification of the noncompliance and a reasonable opportunity to remedy it, the Owner fails to correct the noncompliance, the Township may take any steps authorized by law, including correcting or hiring a contractor to correct the defects. The Township's costs to remedy the noncompliance shall be charged against the Owner's financial security.

#### **Section 7. Post construction requirements.**

A. Within thirty (30) days after completion of the improvements and receipt of the Township's letter stating that the improvements have been constructed properly and in compliance with the approved plans, the Owner shall, at the Owner's own cost and expense,

(1) Prepare and submit to the Township as-built drawings of the improvements. The Owner shall submit two (2) paper copies and one (1) electronic copy of the drawings, in formats acceptable to the Township.

(2) Execute, acknowledge and submit to the Township a Deed of Dedication in a form approved by the Township. The Deed shall provide for the Township to be the sole, absolute and permanent owner of the improvements, free and clear of any lien, obligation or other liability, to the same end and effect as if the Township had constructed the extension at its own expense.

B. If the Owner fails to comply with the requirements of this Section, the Township may petition the court for enforcement, which may include a request for specific performance. If the Township prevails in its enforcement action, the Owner shall pay the Township's costs and expenses, including reasonable attorneys fees.

C. Prior to release of the improvement security posted by the Owner, the Owner shall furnish to the Township improvement guarantee security to secure the structural integrity and appropriate functioning of the improvements. This improvement guarantee security shall be posted and released, for a term not to exceed eighteen (18) months from the date of acceptance of the dedication, in accordance with the analogous provisions of the Municipalities Planning Code, including Sections 509 thereof, 53 P.S. §10509, as amended. Security shall be in the amount of the greater of fifteen percent (15%) of the actual cost of installation of the improvements, as determined by the Township's engineer, or such lesser amount as may be authorized by applicable law.

**ARTICLE V<sup>17</sup>**  
**Definitions**

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

**ABNORMAL INDUSTRIAL WASTES** — Any Industrial Wastes having a Suspended Solids content or BOD appreciably in excess of that normally found in Sanitary Sewage. For the purposes of this Ordinance any Industrial Wastes containing more than 300 ppm of Suspended Solids, or having a BOD in excess of 250 ppm, shall be considered an Abnormal Industrial Waste regardless of whether or not it contains other substances in concentrations differing appreciably from those normally found in Sanitary Sewage.

**BILLING UNIT** — Includes, as applicable, each of the following: a "Commercial Establishment," a "Dwelling Unit," an "Industrial Establishment" and an "Institutional Establishment."

**BIOCHEMICAL OXYGEN DEMAND ("BOD")** – an abbreviation for ("Biochemical Oxygen Demand") means the quantity of oxygen, expressed in parts per million ("ppm"), utilized in the biochemical oxidation of organic matter, under standard laboratory procedure for five days at twenty degrees centigrade. The standard laboratory procedure shall be that found in the latest edition of Standard Methods.

**BUILDING DRAIN** – the part of the lowest horizontal piping or drainage system or discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the Building Sewer, beginning five (5) feet outside the outer face or wall of the building.

**BUILDING SEWER** — The extension from the sewage drainage system of any structure to the Sewer Lateral of a Sewer.

**CHLORINE REQUIREMENT** – shall mean the amount of chlorine, in parts per million by weight, which must be added to sewage to produce a specific residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in Standard Methods.

**COMMERCIAL ESTABLISHMENT** — Any room, group of rooms, building or enclosure used or intended for use in the operation of one business enterprise for the sale and distribution of any product, commodity, article or service or used or intended for use for any social, amusement, religious, educational, charitable or public purpose and containing plumbing facilities for kitchen, toilet or washing facilities.

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<sup>17</sup> Article IV, "Definitions" was renumbered to Article V by Ordinance No. 2014-5.

**CONNECTION FEE** — A fee assessed by the Township to reimburse the Township for the cost of extending service from the Sewage Collection System to a location on the Township resident's property when connecting to the Township line shall occur. This fee may be based on an average cost for previously installed connection of a similar type and size.

**DEP or DEPARTMENT OF ENVIRONMENTAL PROTECTION** – The administrative department of the Commonwealth of Pennsylvania responsible for administering environmental laws. This term shall include any successor department or agency to the department existing at the time this Ordinance was adopted.<sup>18</sup>

**DWELLING UNIT** — Any room, group of rooms, house trailer or other enclosure occupied or intended for occupancy as separate living quarters by a family or other group of persons living together or by persons living alone.

**EQUIVALENT DWELLING UNIT** – also identified as “EDU,” shall mean a family dwelling unit or the equivalent.

**GARBAGE** — Solid wastes resulting from preparation, cooking and dispensing of food and from handling, storage and sale of produce.

**GROUND GARBAGE** – shall mean the residue from the preparation, cooking and dispensing of food that has been shredded to such degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers with no particle greater than one-half inch in any dimension.

**HIGH STRENGTH WASTE AND INDUSTRIAL WASTE** – (i) Any solid, liquid, gaseous substance or form of energy discharged into the Sewer System which is produced, either directly or indirectly, as a result of any industrial, manufacturing, trade or business, process or activity or in the course of developing, recovering or processing natural resources; but not contact cooling water or sanitary sewage. (ii) Wastewater that contains greater amounts of fats, oils and grease (FOG) or other organic compounds than residential Wastewater. (iii) Wastewater that contains large quantities of suspended solids or high amounts of certain chemicals, such as cleaning agents and disinfectants. (iv) Any Wastewater which contains Industrial Wastes discharged from an industrial, institutional or manufacturing trade or business premises is considered industrial waste or water-borne waste from processes or establishments, as distinct from sanitary sewage.<sup>19</sup>

**IMPROVED PROPERTY** — Any property upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure Sanitary Sewage and/or Industrial Wastes shall be or may be discharged.

**INDUSTRIAL ESTABLISHMENT** — Any room, group of rooms, building or other enclosure used or intended for use, in whole or in part, in the operation of one business enterprise for manufacturing, fabricating, processing, cleaning, laundering or assembling any product, commodity or article or from which any process waste, as distinct from Sanitary Sewage, shall be discharged.

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<sup>18</sup> The definition of “DEP” or “Department of Environmental Protection” was added by Ordinance No. 2014-5.

<sup>19</sup> The definition of “High Strength Waste and Industrial Waste” was added by Ordinance No. 2014-5.

**INDUSTRIAL WASTES** — Any solid, liquid or gaseous substance or water borne wastes or form of energy rejected or escaping in the course of any industrial, manufacturing, trade or business process or in the course of the development, recovery or processing of natural resources, as distinct from sanitary sewage.

**INSPECTION FEE** — A fee assessed by the Township to reimburse the Township for the cost to have a representative of the Township inspect each connection to the Sewer Lateral.

**INSTITUTIONAL ESTABLISHMENT** — Any room, group of rooms, building or other enclosure which does not constitute a commercial establishment, a dwelling unit, or an industrial establishment.

**INTERFERENCE** – A discharge which, alone or in conjunction with a discharge or discharges from other sources, both (i) inhibits or disrupts the sewage treatment plant, its treatment processes or operations, or its sludge processes, use or disposal; and (ii) causes a violation of any requirement of the Township’s NPDES permit (including an increase in the magnitude or duration of a violation) or causes the prevention of sewage sludge use or disposal in compliance with applicable law or permits issued thereunder.<sup>20</sup>

**LATERAL** — That part of the sewer system extending from a Sewer to the curblineline or, if there shall be no curblineline, to the property 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.

**LOCAL LIMITS** – Numerical limitations promulgated by the Township on the concentration, mass or other characteristics of Wastewater or pollutants discharged or likely to be discharged to the Sewer System.<sup>21</sup>

**MULTIPLE UNIT** — Any improved property in which shall be located more than one billing unit.

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

**PARTS PER MILLION (“ppm”)** shall mean a weight-to-weight ratio; the parts-per-million value multiplied by the factor 8.345 shall be equivalent to pounds per million gallons of water.

**PASS THROUGH** – A discharge which exits the Sewer System into waters of the Commonwealth in quantity or concentration which, alone or in conjunction with a discharge or discharges from other sources, causes a violation of any requirement of the Township’s NPDES permit (including an increase in the magnitude or duration of a violation).<sup>22</sup>

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<sup>20</sup> The definition of “Interference” was added by Ordinance No. 2014-5.

<sup>21</sup> The definition of “Local Limits” was added by Ordinance No. 2014-5.

<sup>22</sup> The definition of “Pass Through” was added by Ordinance No. 2014-5.

PERSON – Any Individual, partnership, co-partnership, corporation, firm, company, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents or assigns. The masculine gender shall include the feminine and the singular shall include the plural where indicated by the context.<sup>23</sup>

pH — The logarithm to the base 10 of the reciprocal of the hydrogen ion concentration expressed in moles per liter. It shall be determined by one of the acceptable methods described in Standard Methods.

PRIVATE SEWER – A Wastewater collection and/or treatment system within the Township that is owned and operated by a Person other than the Township.<sup>24</sup>

PROPERLY SHREDED GARBAGE — The wastes from the preparation, cooking and dispensing of food that has been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than 1/2 inch in any dimension.

SANITARY SEWAGE — Normal water-carried household and toilet wastes discharged from any improved property.

SANITARY SEWER – shall mean a sewer that conveys sewage or industrial wastes or a combination of both, and into which storm, surface, and groundwaters or unpolluted industrial wastes are not intentionally admitted.

SEWAGE COLLECTION SYSTEM – shall mean the wastewater collection system owned and operated by the Township for the purpose of collecting wastewater within the Township.

SEWAGE TREATMENT PLANT - shall mean the Township's wastewater treatment plant and any other facility or facilities operated for the purpose of treating wastewater either by the Township or by any other party.

SEWER — Any pipe, main or conduit constituting a part of the Sewer System used or usable for sewage collection purposes.

SEWER LATERAL – Any pipe or conduit designed or intended to conduct wastewater from any Building Sewer to the Sewer.

SEWER SYSTEM — All facilities, including without limitation the Sewage Collection System and the Sewage Treatment Plant, for collecting, transporting and/or treating wastewater by, for or on behalf of the Township.

SIGNIFICANT USER or SIGNIFICANT INDUSTRIAL USER – A Person discharging High Strength Waste and/or Industrial Waste into the Sewer System.<sup>25</sup>

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<sup>23</sup> The definition of “Person” was amended by Ordinance No. 2014-5.

<sup>24</sup> The definition of “Private Sewer” was added by Ordinance No. 2014-5.

<sup>25</sup> The definition of “Significant User” or “Significant Industrial User” was added by Ordinance No. 2014-5.



SHALL – is mandatory, MAY is permissible.

SPECIFICATIONS FOR SEWER CONSTRUCTION – means the specifications adopted and, from time to time, amended by the Township by separate resolution.

STANDARD METHODS – means the most recent edition of “Standard Methods for the Examination of Water and Wastewater” as published by the American Public Health Association.

STORM SEWER – shall mean a sewer that carries storm, surface and ground water drainage but excludes Sewage and Industrial Waste.

STREET – shall mean and include any street, highway, road, lane, court, alley and public square.

SURCHARGE – shall mean the extra charge in addition to the service charge rental which is levied on those persons whose wastes are greater in strength than the concentration values established as representative of normal sewage.

SUSPENDED SOLIDS — Solids that either float on the surface or are in suspension in water, Sanitary Sewage, Industrial Wastes or other liquids, and which are removable by laboratory filtration. The quantity of suspended solids (TOTAL SUSPENDED SOLIDS, or “TSS”) shall be determined by one of the acceptable methods described in Standard Methods.

SUPERVISORS – The Supervisors of the Township.

TAPPING FEE — A fee established by the Township for each EDU to be charged each resident connecting to the system as an integral part of the financing of the construction or reconstruction of the Township collection system. The maximum amount of said fee to be determined in compliance with Act 57 of 2003.

TOWNSHIP — The Township of Lewis, Northumberland County, Pennsylvania.

TOXIC SUBSTANCES – shall mean any poisonous substance, including but not limited to copper, cyanide, and chromium ions.

UNPOLLUTED WATER OR WASTE — Any water or waste containing none of the following: emulsified grease or oil; acid or alkali; phenols or other substances imparting taste and odor to receiving waters; toxic or poisonous substances in suspension, colloidal state or solution; obnoxious or odorous gases. It shall contain not more than 10,000 ppm of dissolved solids of which not more than 2,500 ppm shall be as chloride and not more than 10 ppm each of suspended solids and BOD The color shall not exceed 50 ppm. Analysis for any of the above-mentioned substances shall be made in accordance with Standard Methods.

VIOLATION – A violation of this Ordinance or any other federal, state or local law, rule, regulation or ordinance relating or pertaining to collection, conveyance and/or treatment of Wastewater. Upon notice that any Person using the Sewer System has committed any Violation,

the Township may notify such Person in writing that sewer service to that Person shall be discontinued.<sup>26</sup>

WASTEWATER – shall mean Sanitary Sewage or Industrial Wastes or any combination thereof.

**ARTICLE VI<sup>27</sup>**  
**Effective Date**

Article I, Section 3, Paragraph G shall become effective January 1, 2013. The remainder of this Ordinance shall become effective ten (10) days after adoption.<sup>28</sup>

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<sup>26</sup> The Definition of Violation was added by Ordinance No. 2014-5.

<sup>27</sup> Article V, “Effective Date,” was renumbered to Article VI by Ordinance No. 2014-5.

<sup>28</sup> The Lewis Township Sewer Ordinance was adopted March 7, 2012.

**APPENDIX I –RATE RESOLUTIONS  
ADOPTED BY THE TOWNSHIP OF LEWIS**

**RESOLUTION NO. 2012-06 – SETTING INITIAL RATES**

1. In addition to any other applicable charges imposed by the Township pertaining to sewer service, sewer rental rates and charges for wastewater discharged into the Township's wastewater collection system from any property shall be on a flat rate basis per equivalent dwelling unit ("EDU"), which shall be defined herein as a family dwelling unit or the equivalent, payable monthly.

2. The sewer rental rate for each EDU shall be eighty-five dollars and sixty-six cents (\$85.66) per EDU per month.

3. Except as otherwise approved by the Township, each structure within the Township's sewer service area shall have a separate connection to the Township's wastewater collection system.

4. Each single family dwelling unit shall be one EDU for purposes of setting the sewer rental rate. When any building or group of buildings contains more than one single family dwelling unit, each single family dwelling unit shall be one EDU for purposes of setting the sewer rental rate.

5. Each commercial unit shall be one or more EDUs, based upon a schedule listing the EDU equivalent for each commercial use, to be adopted by subsequent Resolution of the Board of Supervisors of this Township, for purposes of setting the sewer rental rate.

6. Each industrial and institutional unit shall be billed in accordance with a base rate plus usage, based upon a schedule to be set by subsequent Resolution of the Board of Supervisors of this Township, for purposes of setting the sewer rental rate.

7. The Board of Supervisors of this Township, by separate Resolution, may establish a schedule of surcharges based upon the character of the wastewater discharged into the Township's wastewater collection system.

8. When any single connection to the Township's wastewater collection system contains multiple billing units, the Township shall assess sewer rentals and charges, as appropriate, as though each such billing unit was in a separate structure and had a direct and separate connection to the Township's wastewater collection system.

9. The Board of Supervisors of this Township may establish a schedule of fees, including without limitation connection fees, tap fees, administrative fees, inspection fees and any other fees authorized by law, to be imposed upon ratepayers in connection with the wastewater disposal services provided by the Township.

10. The Board of Supervisors of this Township may, from time to time, alter, modify, revise, amend and/or add to its list of flat rate classifications and establish and/or modify the annual and monthly rates applicable thereto.<sup>29</sup>

11. Notwithstanding any provision in this Resolution to the contrary, the Board of Supervisors of this Township shall have the authority to enter into special agreements with the owner of any property, with respect to terms and conditions upon which sewage may be discharged to the Township's wastewater collection system and with respect to payments to be made to the Township in connection therewith.

12. If the Board of Supervisors of this Township deems it appropriate, this Township may impose temporary or permanent sewer districts in order to impose the cost of construction or reconstruction of the Sewer System equitably upon those who benefit from the construction or reconstruction. Each such district may have separate connection fees, inspection fees and tapping fees and may also have separate user fees.

### **RESOLUTION 2014-6 – SETTING BOD AND SUSPENDED SOLIDS SURCHARGE RATES**

1. A BOD Surcharge Rate is hereby set for the System. The BOD Surcharge Rate shall be calculated in accordance with the following formula:

BOD Surcharge Rate (Rc) in cents per 1,000 gallons of waste discharged:

$$Rc = 0.00834 \times P \times (C - 250), \text{ where}$$

P = The Township's annual cost in dollars to treat each pound of BOD. P will be determined on a yearly basis based on the budget cost for treatment of BOD for the given year; and

C = The BOD concentration in mg/l of the waste stream discharged to the System by the user being assessed the BOD Surcharge. The BOD concentration shall be analyzed on a monthly basis by the Township. The minimum value for C shall be 250, regardless of any actual analysis.

2. A Suspended Solids Surcharge Rate is hereby set for the System. The Suspended Solids Surcharge Rate shall be calculated in accordance with the following formula:

Suspended Solids Surcharge Rate (Rs) in cents per 1,000 gallons of waste discharged:

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<sup>29</sup> Resolution 2012-13 amended Resolution 2012-06 by amending Paragraph 10 to add that the initial sewer rental rate of eighty-five dollars and sixty-six cents (\$85.66) per month for each equivalent dwelling unit, which rate became effective on June 6, 2012, may be amended or increased as necessary three months prior to the amortization date of the Township's loan with the Pennsylvania Infrastructure Investment Authority.

$R_s = 0.00834 \times B \times (S - 300)$ , where

B = The Township's annual cost in dollars to treat each pound of suspended solids. B will be determined on a yearly basis based on the budget cost for treatment of suspended solids for the given year; and

S = The resultant TSS concentration in mg/l of the waste stream discharged to the System by the Person being assessed the surcharge. The TSS concentration shall be analyzed on a monthly basis by the Township. The minimum value for S shall be 300, regardless of any actual analysis.

## **APPENDIX II – DESIGN AND CONSTRUCTION CRITERIA FOR BUILDING SEWERS, SEWER LATERALS AND SEWER CONNECTIONS<sup>30</sup>**

### **DESIGN CRITERIA**

All sewer pipes shall be designed in accordance with the applicable edition of Sewerage Manual of the Pennsylvania Department of Environmental Protection, Water Quality Management Program, and these Specifications.

Construction of sewer pipes shall not be permitted until any and all required Commonwealth of Pennsylvania sewage facility planning approvals and permits have been obtained.

### **DEFINITIONS**

*Building Drain* - The lowest part of a building wastewater drainage system where the wastewater drainage pipes meet and convey the wastewater discharge from within the walls or footings of any building to the Individual Sewer Lateral (see Individual Sewer Lateral Construction Detail).

*Individual Sewer Lateral* - A wastewater pipe between a Building (residential or non-residential) Drain and the connection to the Public Sewer Lateral (see individual Sewer Lateral Construction Detail). The minimum size of any Individual Sewer Lateral shall be four (4) inches in diameter. An adapter, approved by Lewis Township, connecting the Individual Sewer Lateral to the Public Sewer Lateral must be used. Eccentric adapter shall be used to connect pipes of different diameters. Lewis Township, at its discretion may require an Individual Sewer Lateral for a structure having more than one (1) Equivalent Dwelling Unit (EDU) to be greater than four (4) inches in diameter.

*Public Sewer Lateral* - A wastewater pipe within a public (municipal or state) right-of-way that connects the Individual Sewer Lateral to a municipal wastewater collection pipe (see Individual Sewer Lateral Construction Detail). The minimum size of any Public Sewer Lateral shall be six (6) inches. Public Sewer Laterals shall be installed by Lewis Township.

### **INDIVIDUAL SEWER LATERAL PIPE AND FITTINGS**

Individual Sewer Lateral pipes shall be Type PSM polyvinyl chloride (PVC) sewer pipe, and shall conform to ASTM D3034 in a nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35.

Bend fittings shall be Type PSM polyvinyl chloride (PVC) bell and spigot, and shall conform to ASTM D3034 in a nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

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<sup>30</sup> These design and construction criteria were adopted by Ordinance No. 2013-3.

Fittings and couplers shall be Type PSM polyvinyl chloride (PVC), and shall conform to ASTM D3034 in nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

Pipe and fitting gaskets shall comply with ASTM F477. They shall consist of a properly vulcanized high grade elastomeric compound. The basic polymer shall be natural rubber, synthetic elastomer, or a blend of both. The gasket shall be the only element depended upon to make the joint flexible and watertight.

### **INSPECTION/CLEANOUT PORT**

Tee fittings shall be Type PSM polyvinyl chloride (PVC) gasket by gasket by solvent-weld hub as manufactured by GPK Products (or Engineer-approved equal), and shall conform to ASTM D3034 in a nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

Hub fittings shall be Type PSM polyvinyl chloride (PVC) hub by female iron pipe thread (FIPT) female adapter, and shall conform to ASTM D3034 in a nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

Threaded plugs shall be Type PSM polyvinyl chloride (PVC) male iron pipe thread (MIPT) with raised square head fitting, and shall conform to ASTM D3034 in a nominal size of not less than four (4) inches with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

Fittings and couplers shall be Type PSM polyvinyl chloride (PVC), and shall conform to ASTM D3034 in required nominal size(s) with Standard Dimension Ratio (SDR) of 35. Fittings shall be in accordance with ASTM D3034 A paragraph 6.1 “Elastomeric Joint Gaskets.”

Pipe and fitting gaskets shall comply with ASTM F477. They shall consist of a properly vulcanized high grade elastomeric compound. The basic polymer shall be natural rubber, synthetic elastomer, or a blend of both. The gasket shall be the only element depended upon to make the joint flexible and watertight.

Whenever a cleanout/inspection port is not located within a vegetated area, a cast iron frame and cover shall be installed as show on the Cleanout/Inspection Port Frame and Cover Detail.

### **EXCLUSION OF CLEAR WATER**

All area drains, including but not limited to foundation, sump pump discharge, area, garage floor, and basement floor drains potentially discharging rain water, groundwater, or any “clear” water shall not be connected to the Individual Sewer Lateral.

## **INSTALLATION REQUIREMENTS**

All Individual Sewer Laterals shall be installed in strict accordance with the specifications herein, and the Individual Sewer Lateral Construction Detail and Individual Sewer Lateral Trench Detail. All Individual Sewer Laterals shall be installed by competent, skilled pipe layers. Each excavation for an Individual Sewer Lateral shall be guarded adequately with barricades and other protection devices to protect vehicular and pedestrian traffic from damage and injury. Any roadway, sidewalk and other municipal or state property disturbed during the installation of an Individual Sewer Lateral shall be restored to its original condition or better at the sole cost and expense of the contractor installing the Individual Sewer Lateral. Contractors responsible for the construction of the Individual Sewer Lateral shall be fully responsible to correct any and all damage(s) to a Public Sewer Lateral caused by said contractor's operations, and said correction shall be at the expense of said contractor and shall be satisfactory to Lewis Township.

An Individual Sewer Lateral shall be installed at the following minimum grades:

Pipe Diameter (Inches)	Grade (Percent)	Grade (Inch per Foot)
4	2.0	1/4
6	1.0	1/8

Recognizing that there may be unique circumstances where it may not be possible to install an Individual Sewer Lateral at the minimum grades specified above, Lewis Township may grant special permission for an Individual Sewer Lateral to be installed on grades that are less than the minimum grades specified above.

The minimum cover over an Individual Sewer Lateral shall be three (3) feet. A cleanout/inspection port shall be placed at no more than every sixty (60) feet interval along the Individual Sewer Lateral. The cleanout/inspection port shall be constructed as shown on the individual Sewer Lateral Construction Detail.

## **CONNECTION TO PUBLIC SEWER LATERAL**

An Individual Sewer Lateral shall be connected to the Public Sewer Lateral at the place designated by Lewis Township. The invert elevation of the Individual Sewer Lateral at the point of connection shall be as required by Lewis Township. A smooth, neat joint shall be made and the connection of the Individual Sewer Lateral to the Public Sewer Lateral shall be made secure and watertight with a coupling adapter approved by Lewis Township. Flexible pipe couplings (e.g. Fernco® brand couplings) are not permitted at this connection location. Individual Sewer Laterals shall be installed as direct as possible. Changes in direction must be made with wyes, combination wye and eighthbends or half wyes, or one-sixteenth bends. Ninety degree changes in direction shall be made with a two (2) foot minimum length of pipe between the approved fittings. Every change in direction which exceeds 45° shall include a cleanout/inspection port.



Changes in pipe size where the Individual Sewer Lateral is connected to the Public Sewer Lateral shall be made only with solid fittings.

### **INDIVIDUAL SEWER LATERAL TO BUILDING DRAIN CONNECTION**

The connection between the Individual Sewer Lateral and the Building Drain shall be constructed as shown on the Individual Sewer Lateral Construction Detail. Dissimilar pipe materials at this connection may be connected with flexible pipe couplings (e.g. Fernco® brand couplings).

### **GREASE TRAP**

Any and all commercial and institutional facilities processing and/or serving food shall install a grease trap prior to the connection to the Individual Sewer Lateral. Grease trap size shall be based on the following requirements:

Scullery sinks, pot sinks, pan sinks, dishwashing machines, soup kettles, and floor drains located in areas where grease containing materials exist should be drained into the sanitary waste through the grease trap. These plumbing fixtures and equipment wastes determine fixture discharge (if more than one fixture can discharge at the same time include all discharges)

Total Discharge Flow Rate = Fixture Discharge + Dishwasher Discharge

1. Fixture Discharge (gpm)

For drains discharging plumbing fixtures and equipment wastes, or kitchen drains not discharging “clear” water.

2. Dishwasher Discharge (gpm)

Manufacturer’s discharge rating (gpm).

All waste shall enter the grease trap through the inlet pipe only. Grease traps shall be constructed with two compartments with fitting designed for grease retention. There shall be an adequate number of manholes to provide access for cleaning all areas of the grease trap. An effluent sampling location on the downstream side of the grease trap for use by Lewis Township. Grease traps shall be installed at a location that will be at easily accessible at all times for inspection, cleaning, and removal of grease. The grease trap unit selection, computations and catalog information must be filed with the Lewis Township Engineer for approval prior to installation.

### **OIL INTERCEPTOR**

Any and all commercial and institutional facilities processing, manufacturing, or providing service which includes the use, re-use, installing, changing, or fabricating that include any petroleum product(s) shall install an oil interceptor on the waste discharge line prior to the connection to the Individual Sewer Lateral. The sizing of the oil interceptor shall be based on the following requirements:

Oil interceptor sizing shall be achieved by determining the greater demand upon the proposed unit, either discharge flow rate or emergency oil spill capacity.

### 1. Discharge Flow Rate

- a. For drains discharging plumbing fixtures and equipment wastes or floor drains not influenced by surface water from roof or exterior drainage areas:

Calculate fixture discharge (if more than one fixture can discharge at same time including all discharges)

$$DFR_{\text{fixture}} = FV_{\text{total}} \times 0.004329 \times 0.75 \div 1.0$$

Where:

$DFR_{\text{fixture}}$  = discharge flow rate of fixture in gallons per minute

$FV_{\text{total}}$  = total fixture volume in cubic inches

0.004329 = cubic inches to gallons conversion factor

0.75 = percent of fixture volume utilized

1.0 = drainage period (in minutes) from fixture

- b. For floor or area drains discharging surface water and oil combined:

$$DFR_{\text{drain}} = A_{\text{surface}} \times 2.3 \times 0.0104$$

Where:

$DFR_{\text{drain}}$  = discharge flow rate of drain in gallons per minute

$A_{\text{surface}}$  = surface area (in square feet) discharging to the drain

2.3 = 100-year, one-hour rainfall depth for Lewis Township in inches

0.0104 = combined unit conversion factor (inches to feet, cubic feet to gallons, and hours to minutes)

### 2. Emergency Oil Spill Capacity

$$EOSC = \text{grease}Q_{\text{max}} \times T_{\text{spill}}$$

Where:

EOSC = emergency oil spill capacity in gallons

$\text{grease}Q_{\text{max}}$  = maximum grease and/or oil discharge rate from all equipment that stores and/or delivers products in gallons per minute

$\text{spill}T_{\text{max}}$  = maximum spill time in minutes (2 minutes, minimum)

The oil/grease capacity (in gallons) must be equal to the maximum oil/grease discharge during a time period of two (2) minutes.

To convert gallons of oil/grease to pounds use 6 gallons = 1 pound.

Knowing the proposed discharge flow rate and/or emergency oil capacity, select a unit with the proper sizing using manufacturer's catalog information.

The oil interceptor unit selection, computations and catalog information must be filed with the Lewis Township Engineer for approval prior to installation.

### **COMMONWEALTH OF PENNSYLVANIA UNDERGROUND UTILITY PROTECTION LAW**

Contractors involved in the construction of Individual Sewer Laterals and appurtenances must adhere to all of the requirements of Commonwealth of Pennsylvania Act Number 1996-187 regarding protection of all buried, surface, and aerial utilities and utility service connections encountered during the work. At least three (3) working days prior to the initiation of construction activities, the contractor or person responsible for the construction of the Individual Sewer Lateral shall notify the owner(s) of all utilities within the work area by using the Pennsylvania One Call System at 1-800-241-1776 of the pending construction.

### **INDIVIDUAL SEWER LATERAL INSPECTION AND TESTING**

Lewis Township shall be contacted to inspect an Individual Sewer Lateral prior to connecting same to a Public Sewer Lateral. Lewis Township shall also be contacted to observe all testing of Individual Sewer Laterals prior to connecting same to a Public Sewer Lateral. Equipment and material required for testing shall be furnished by the contractor or person responsible for the construction of the Individual Sewer Lateral. No Individual Sewer Lateral shall be connected to a Public Sewer Lateral until inspection and testing of the Individual Sewer Lateral by Lewis Township is complete and satisfactory to Lewis Township.

Individual Sewer Lateral pipes and appurtenances (including cleanout/inspection ports) shall be cleaned and tested for alignment, deflection, infiltration, and exfiltration, as specified herein. The contractor or person responsible for the construction of the Individual Sewer Lateral shall furnish all necessary plant, labor, equipment, transportation, materials, and all else necessary to perform the testing specified herein. The pressure gauge(s) used by the contractor or person responsible for the construction of the Individual Sewer Lateral shall have minimum divisions of 0.10 psig, and shall have an accuracy of 0.004 psig. The contractor or person responsible for the construction of the Individual Sewer Lateral shall, at his own expense, locate and repair, or remove and replace all sewer pipe which does not meet the test limits established herein. The sewer testing specified herein shall be completed prior to the connection of the Individual Sewer Lateral to the Public Sewer Lateral.

Prior to conducting sewer pipe testing, the contractor or person responsible for the construction of the Individual Sewer Lateral shall flush the sewer lines with clean water to remove any and all grit, debris and obstructions. After cleaning, removing all obstructions, and testing for alignment

and deflection, the Individual Sewer Lateral shall be subjected to a low pressure air test from the Building Drain to the Public Sewer Lateral as follows:

1. All service laterals, stubs, and fittings into the sewer pipe being tested shall be properly capped and plugged, and carefully braced to resist the thrust actions developed by the test.
2. All pipe outlets shall be plugged with suitable test plugs that shall be carefully braced to resist the thrust actions developed by the test.
3. If the pipe to be tested is submerged by ground water, the depth of ground water over the flow line of the pipe must be determined. All test pressures must be increased by 0.433 psig for each foot the ground water is above the flow line of the pipe. For safety reasons, a low pressure air test must not be conducted if the groundwater level is two (2) feet or more above any portion of the Individual Sewer Lateral.
4. Air shall be added slowly to the portion of pipe under test until the internal air pressure is raised to 4.0 psig.
5. After the internal air pressure of 4.0 psig is obtained, allow two (2) minutes for the air temperature to stabilize, adding only the amount of air necessary to maintain the test pressure.
6. After the stabilization period (the minimum pressure in the pipe must be 4.0 psig), start the stopwatch. Determine the time that is required for the internal air pressure to reach 3.5 psig. The minimum permissible holding time shall be two (2) minutes for four-inch diameter pipe, and three (3) minutes for six-inch diameter pipe. If the minimum holding time elapses prior to reaching the allowable 0.5 psig drop, the low-pressure air test may be discontinued.
7. Should any test of sewer pipe laid not meet the test requirements specified above, the contractor or person responsible for the construction of the Individual Sewer Lateral shall, at his own expense, locate and repair the defective sewer pipe until the pipe meets the test requirements. In-place grouting to repair defective sewer pipe will not be permitted. All inspection costs for re-testing shall be paid by the contractor or person responsible for the construction of the Individual Sewer Lateral.
8. Safety precautions must be observed. Plugs must be braced to prevent blowouts. Pressurizing equipment must be capable of being operated remotely.

If the groundwater level is two (2) feet or more above any portion of the Individual Sewer Lateral, the contractor or person responsible for the construction of the Individual Sewer Lateral shall contact the Lewis Township Engineer for an alternative testing procedure.

Upon approval of the test of an Individual Sewer Lateral by Lewis Township, a Sewer Permit form shall be signed by the representative of Lewis Township indicating approval of the test.

#### **ON-LOT SEPTIC SYSTEM ABANDONMENT**

In the event that the installation involves the abandonment of an existing on-lot septic system, the owner of the existing on-lot septic system shall (1) clean the existing septic tank or cesspool through a contract with an approved septic tank cleaning and pumping contractor; (2) provide proof of said cleaning to Lewis Township; (3) and fill the existing septic tank or cesspool with crushed aggregate, or other material approved by Lewis Township.

#### **RESTORATION OF DISTURBED AREAS**

Areas within a municipal or state roadway right-of way disturbed during the installation of an Individual Sewer Lateral shall be restored "IN KIND," in accordance with current PennDOT 408 specifications. All pipe trenches within a municipal or state roadway right-of-way shall be backfilled with PennDOT 2A subbase. Restoration work within a municipal or state roadway right-of-way shall be completed immediately upon satisfactory inspection and testing of an Individual Sewer Lateral by Lewis Township. Failure of the any contractor responsible for the construction of the Individual Sewer Lateral to comply with this requirement will constitute sufficient cause for Lewis Township to order immediate stoppage of all construction work until trench restoration requirements are completed to the satisfaction of Lewis Township.

#### **MAINTENANCE OF COMPLETED WORK**

The contractor or person responsible for the construction of the Individual Sewer Lateral shall maintain all restoration work within a municipal or state road right-of-way for a period of one (1) year. This shall include, but shall not be limited to, all necessary repairs to sanitary sewer pipe, manholes, inspection/cleanout ports, removal of accumulations from drainage channels and ditches, reshaping and reseeding of disturbed areas, and repairing paved and stabilized surfaces.

