

Chapter 18

Sewers and Sewage Disposal

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Part 1**Sewer Connections****A. Connection Required****§18-101. Connection Required.**

The owners of all properties abutting on streets or highways about to be paved with brick, cement, concrete, Warrenite or any other similar substance, and who have not connected their properties with the sewer in said streets or highways, are hereby required and directed to construct lateral sewer connections from the public sewer in said street or highway about to be paved to the curb line in front of their respective properties; provided, however, that no abutting property owner shall be required to construct said lateral sewer connections if his property connects with or can be more readily connected with a public sewer on any other street or highway.

(Ord. 108, 7/30/1928, §1)

§18-102. Written Notice.

The Street Committee of the Township is hereby directed to serve written notice on all abutting property owners along said street or highway about to be paved and who are required to construct said lateral sewers, to construct said lateral sewers from the public sewer in said street to the curb line within 10 days after receiving said written notice; the notice on said property owners to be served in the same manner as other notices pertaining to the improvements of streets and highways are served.

(Ord. 108, 7/30/1928, §2)

§18-103. Failure to Construct Connection.

Upon failure of any property owner to construct said lateral sewer connections after receiving notice as provided in §18-102 of this Part, the Street Committee of said Township shall cause said lateral sewer connection to be made and the cost of laying and constructing said lateral sewer connection as determined by the Township Engineer shall be collected from the abutting property owner where said lateral sewer connection is made.

(Ord. 108, 7/30/1928, §3)

§18-104. Claim Against Property.

Upon failure of said property owner to pay the cost of constructing and laying said lateral sewer connection, the Township Commissioners are hereby authorized and directed to file a claim for the same against the property of said abutting property owner in the same manner and within the same time as other liens for constructing sewers are filed.

(Ord. 108, 7/30/1928, §4)

B. Permits for Connections**§18-111. Permit Required.**

All persons desiring to sewer their buildings into any of the public sanitary sewers of the Township of Ross shall, before making such connection, make application in writing to the Township Secretary for a permit authorizing such connection to be made. (*Ord. 87, 4/25/1927, §1*)

§18-112. Application for Permit.

The application for such permit shall state definitely the location of the buildings, giving house number (if any), and the name of the street, and shall also contain a stipulation that no storm sewer surface water will be drained or emptied into the sanitary sewer.

(*Ord. 87, 4/25/1927, §2*)

§18-113. Compliance.

If such application complies with the laws of the State of Pennsylvania and the ordinances of the Township of Ross pertaining to the sanitary sewer system in the Township, the Township Secretary shall forthwith issue a permit directed to the Sewer Inspector of the Township authorizing said sewer connection to be made.

(*Ord. 87, 4/25/1927, §3*)

§18-114. Permit Fee.

For each permit issued for sewer connections as aforesaid, the applicant shall pay to the Secretary of the Township a fee, in an amount as established from time to time by resolution of the Board of Commissioners, the same to be paid by the Secretary each month to the Township Treasurer.

(*Ord. 87, 4/25/1927, §4; as amended by Ord. 1726, 10/14/1991, §18-204; and by Ord. 2288, 4/12/2010*)

§18-115. Penalty.

Any person or persons, firm or corporation making any connection with any of the public sanitary sewers in the Township of Ross without first obtaining a permit from the Township Secretary for such purpose as aforesaid, shall be sentenced to pay a fine of not more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation of this Part continues shall constitute a separate offense.

(*Ord. 87, 4/25/1927, §5; as amended by Ord. 1726, 10/14/1991, §18-205; and by Ord. 2288, 4/12/2010*)

C. Tap-In Fees; Ross Township**§18-121. Connection Fee Required.**

From and after the effective date of this Part, in those cases where the Township of Ross has erected, constructed, built or acquired a sanitary sewer or sewers either as trunk sewers or lateral sewers, and properties abutting upon said sanitary sewers are required to apply for a connection with such sanitary sewers, the person, firm or corporation making such application for connection shall be required to pay a tap-in or connection charge to the Township of Ross according to the classification into which the building or structure falls in the schedule set forth in §18-122 hereof. Such tap-in or connection charge shall be paid in addition to any street opening permit fees or plumbing inspection fees and shall be paid whether or not the property which is the subject of such application has been assessed benefits for the erection, construction or acquisition of said sanitary sewer.

(*Ord. 1200, 11/11/1974, §1*)

§18-122. Connection Fees.

At the time that an application is made for the connection to the said sanitary sewer there shall be paid to the Ross Township Manager by each person, firm or corporation making the application a tap-in or connection charge, as established from time to time by resolution of the Board of Commissioners, based upon the extent or character of the burden which the proposed connection places upon the public sewer as set forth in the Fee Schedule of this Code.

(*Ord. 1200, 11/11/1974, §2; as amended by Ord. 1726, 10/14/1991, §18-502; and by Ord. 2288, 4/12/2010*)

§18-123. Manner and Method of Connection.

1. All private, lateral, sanitary sewer connections to a Township maintained sanitary sewer system shall be made with the use of a saddle to be installed by the Township of Ross. The owner of the premises connecting to the Township maintained sanitary sewer system shall be responsible for the excavating, shoring and uncovering of the sanitary sewer, so that the Township employees shall be able to make the saddle connection without any additional labor by way of excavating, shoring and uncovering. At the time that an application is made for said connection, there shall be paid to the Ross Township Manager by each person, firm or corporation making such application a charge, in an amount as established from time to time by resolution, to reimburse the Township for the cost of its employees in making said connection.

2. At the time of the new connection is made to a Township maintained sanitary sewer, it shall be the responsibility of the permit holder to take accurate measurements from a point of connection to the main sanitary sewer, indicating the depth of the connection below the finished grade, and the location of the fresh air vent. [*Ord. 2288*]

(*Ord. 1200, 11/11/1974, §3; as amended by Ord. 1360, 6/30/1980; and by Ord. 1505, 7/8/1985, §3; by Ord. 1726, 10/14/1991, §18-503; and by Ord. 2288, 4/12/2010*)

D. Lowries Run Sewer**§18-131. Imposition of Fee.**

There is hereby imposed by the Township of Ross, effective upon the enactment of this Part, a tap-in fee equivalent to \$800 per equivalent domestic unit for each connection hereafter made in the Township of Ross to a sanitary sewer utilizing the Lowries Run Watershed.

(Ord. 1984, 3/22/1999, §I)

§18-132. Other Charges.

The aforementioned \$800 tap-in fee shall be in addition to any and all other tap-in fees, use charges and/or other charges presently imposed by the Township of Ross on properties which will be connected into a sewer utilizing the Lowries Run Interceptor Sewer.

(Ord. 1984, 3/22/1999, §2)

§18-133. Collection of Fee.

The \$800 tap-in fees enacted hereunder shall be collected by the Township of Ross at the time that building permits are issued and shall periodically be paid over or deposited into an existing account maintained by the Township of Ross and the McCandless Township Sanitary Authority for the purpose of the rehabilitation, repair, reconstruction and maintenance of the aforementioned Lowries Run Interceptor Sewer.

(Ord. 1984, 3/22/1999, §3)

E. Tap-In Fees for Private Property Connections**§18-141. Imposition of Fee.**

1. There is hereby established and imposed a tap-in fee, in an amount as established from time to time by resolution, for the privilege of connecting private property with a Township owned sanitary sewer based on per equivalent dwelling unit, said fee to be paid to the Building Code Official at the time of the application for the building permit or for the connection into a Township-owned sanitary sewer. [*Ord. 2288*]

2. For the purposes of this Part, an equivalent dwelling unit is defined as a unit which contributes an amount not in excess of 375 gallons of water per day into a Township owned sanitary sewer system.

(*Ord. 1545, 6/30/1986, §1; as amended by Ord. 2288, 4/12/2010*)

F. Sanitary Sewer Taps Required Prior to Application for Building Permit**§18-151. Filing an Application.**

Prior to filing an application for a building permit with the Ross Township Building Code Official, each applicant shall obtain from the Ross Township Engineer, and/or his/her designee, a certification that the subject premises has access to a sanitary sewer and that a sewer tap for the same has been applied for and obtained.

(*Ord. 1999, 11/8/1999, §601; as amended by Ord. 2288, 4/12/2010*)

§18-152. Written Policy and Procedure.

The Ross Township Engineer shall establish a written policy and procedure for each applicant.

(*Ord. 1999, 11/8/1999, §602*)

§18-153. Location of Sanitary Sewer Lateral Connect Point.

The location of the sanitary sewer lateral connect point to the existing sanitary sewer is to be shown on the applicant's site plan.

(*Ord. 1999, 11/8/1999, §603*)

§18-154. Easements Required for Access.

Any easements required for access shall be submitted concurrently to the Ross Township Building Code Official.

(*Ord. 1999, 11/8/1999, §604; as amended by Ord. 2288, 4/12/2010*)

§18-155. Easements Recorded.

Any easements are to have been duly recorded with the County of Allegheny prior to the issuance of a building permit.

(*Ord. 1999, 11/8/1999, §605*)

§18-156. Public Sanitary Sewer Extension.

If a public sanitary sewer extension is required, the applicant's agreement requiring the applicant to escrow adequate funds for engineering plan review, Ross Township inspection, construction, insurance, legal fees and bonding shall be in place prior to issuance of a building permit.

(*Ord. 1999, 11/8/1999, §606*)

§18-157. Escrow Agreement.

The Ross Township Solicitor, at the expense of the applicant, shall prepare the necessary escrow agreement.

(*Ord. 1999, 11/8/1999, §607*)

§18-158. Application for a Building Permit.

The applicant shall, prior to making application for a building permit, make application for and be granted a sanitary sewer tap from the appropriate granting

agency.

(Ord. 1999, 11/8/1999, §608)

§18-159. Applicant Submission.

The applicant shall submit such information, drawings, plans, specifications and other data to the Ross Township Engineer as he/she shall require in order to certify that the subject premises have access to a sanitary sewer.

(Ord. 1999, 11/8/1999, §609)

Part 2**Rates and Charges for Use of Service****§18-201. Imposition of Rates and Charges.**

There is hereby imposed and established rates or charges for the use and service of the various sewer systems in the Township of Ross, said rates or charges being based on the quantity of water used, and providing that all users of the various sanitary sewer systems in the Township of Ross shall be charged the rate hereinafter set forth on a quarterly basis, based upon the users water consumption for the corresponding quarter of each calendar year:

- A. The rate of \$2.25 per 1,000 gallons of water used.
- B. The sum of \$11.25 shall be the minimum quarterly rate for all users.

(*Ord. 1842, 7/11/1994, §401; as amended by Ord. 2125, 8/9/2004, §1*)

§18-202. Charges and Payments.

Charges for said sanitary sewage service shall be billed quarterly and all bills shall be rendered as of the first day of the month following the quarter for which charges are made and shall be due and payable at the net amount within 30 days from the due date of the statement, and the gross amount within 30 days from the due date of the net amount, with the difference between the net sewage due and the gross sewage due in the amount of 10 percent. The period between the gross due date at 60 days and the next billing cycle will be a grace period.

(*Ord. 1842, 7/11/1994, §402*)

§18-203. Delinquent Payments.

In the event the charges for said sanitary sewage service remain unpaid for a period of 90 days from the date of said statement for such services or until the next quarterly bill is issued, such charges shall be deemed and are hereby declared to be delinquent, after which an interest of 8 percent per annum or 2 percent per quarter of the amount of said statement shall be added.

(*Ord. 1842, 7/11/1994, §403*)

§18-204. Penalty.

The rates and charges herein established shall be imposed upon and collected from the owner, tenant or occupant of each lot or parcel of land in the Township of Ross serviced by a sanitary sewer owned, maintained or operated by the Township of Ross from which sewage, waste or water enter the Township's sewer system. In the event any user is not the owner of the premises from which sewage, waste or water enter the Township's sewer system, the Township of Ross hereby imposes said sewage service charges upon and demands payment thereof from the owner of such premises, and in the event payment is not timely made, the Township shall and will file a lien therefor against the premises served for the amount due plus such penalty and interest as permissible by law calculated from the date the lien is filed in the office of the Civil Division Prothonotary of the Court of Common Pleas of Allegheny County, Pennsylva-

nia.

(*Ord. 1842, 7/11/1994, §404*)

Part 3**Regulation of Discharge of Waste Material****A. General****§18-301. Definitions.**

For the purposes of this Part, the following terms shall have the meaning hereafter designated:

ALCOSAN - Allegheny County Sanitary Authority including its treatment facility and any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature.

Corrosive waste - a waste or substance which has any of the following properties:

(1) It is aqueous and has a pH of less than or equal to 5 or greater than or equal to 10, as determined by pH meter.

(2) It is a liquid and corrodes steel (SAE1020) at a rate greater than 6.33 mm (0.250 in.) per year at test temperature of 55°C (130°F).

Reactive / explosive waste - a waste or substance which can create an explosion hazard in the sewage collection system or the ALCOSAN treatment facility; which has any of, but is not limited to, the following properties:

(1) It is normally unstable and readily undergoes violent change without detonating.

(2) It reacts violently with water.

(3) It forms potentially explosive mixtures with water.

(4) When mixed with water, it generates toxic gasses, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.

(5) It is a cyanide or sulfide bearing waste which can generate toxic gasses, vapors, or fumes in a quantity sufficient to present a danger to human health or the environment.

(6) It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.

(7) It is readily capable of detonation, explosive decomposition or reaction at standard temperature and pressure.

(8) It is a forbidden explosive as defined in 40 CFR 173.51, or a Class A explosive as defined in 49 CFR 173.53 or a Class B explosive as defined in 49 CFR 173.88.

Hazardous waste - all wastes that are defined as hazardous under the regulations enacted pursuant to the Resource Conservation and Recovery Act (RCRA) as specified in 40 CFR 261 or under the regulations promulgated pursuant to the Pennsylvania Solid Waste Management Act, 35 P.S. §6018.101 *et seq.*, as specified in 25 Pa.Code §261.

Ignitable waste - a waste or substance which can create a fire hazard in the

sewage collection system or the ALCOSAN treatment facility which has any of, but is not limited to, the following properties:

- (1) It is liquid with a flash point less than 60°C (140°F) using the test methods specified in 40 CFR 261.21.
- (2) It is an oxidizer as defined in 49 CFR 173.151.

Interference - a discharge originating in the Township which, alone or in conjunction with a discharge or discharges from other sources, both:

- (1) Inhibits or disrupts the ALCOSAN facilities, its treatment processes or operations or its sludge processes, use or disposal.

- (2) Therefore is a cause of a violation of any requirement of ALCOSAN's National Pollutant Discharge Elimination System (hereinafter referred to as "NPDES") permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal by ALCOSAN in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent state or local regulations): §405 of the Clean Water Act, the Solid Waste Disposal Act (including Title 2 or more commonly referred to as the Resource Conservation and Recovery Act and including state regulations contained in any state sludge management plan prepared pursuant to subtitle D of the Solid Waste Disposal Act), the Clean Air Act, and the Toxic Substances Control Act.

Pass-through - the term pass-through shall mean any discharge of a pollutant through ALCOSAN into the waters of the Commonwealth of Pennsylvania in quantities or concentrations which, alone or in conjunction with other discharges from other sources, is a cause of a violation of any requirement of the ALCOSAN's NPDES permit (including an increase in the magnitude or duration of a violation).

Person - any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal entity, or its legal representatives, agents or assigns.

pH - the logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.

Pollutant - any dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, emissions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt or other industrial, municipal, or agricultural waste discharged into water.

Pollution - the man-made or man induced alteration of the chemical, physical, biological, and/or radiological integrity of water.

- (1) *The Act* - the Federal Water Pollution Control Act also known as the Clean Water Act, as amended, 33 USC 1251 *et seq.*

Toxic pollutant - any pollutant or combination of pollutants listed as toxic in regulations promulgated by the EPA, pursuant to §307 (A) of the Act.

Waste water - the liquid and water carried industrial or domestic wastes from dwellings, commercial buildings, industrial facilities and institutions, together with any ground water, surface water, and stormwater that may be present, whether treated or untreated, which is contributed directly or indirectly into the facilities

of ALCOSAN.

Waters of the Commonwealth - all streams, lakes, ponds, marshes, water courses, water ways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems, and other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the Commonwealth of Pennsylvania or any portion thereof.

(Ord. 1864, 11/28/1994, §101)

§18-302. Interference with Operation or Performance.

No person shall introduce or cause to be introduced directly or indirectly into the facilities of ALCOSAN or into any sewer, pipe or other conveyance located in the Township and transmitting substances into the facilities of ALCOSAN, any toxic pollutant or other waste water which will:

- A. Cause interference with the operation or performance of ALCOSAN's treatment plant or other facilities.
- B. Pass through ALCOSAN's treatment plant or other facilities.

(Ord. 1864, 11/28/1994, §103)

§18-303. Prohibited Discharges.

No person shall introduce, permit or cause to be introduced, directly or indirectly, into the facilities of ALCOSAN or into any piped sewer, pipe or other conveyance located in the Township and transmitting substances into the facilities of ALCOSAN any of the following:

- A. Any substance which will endanger the life, health or safety of the treatment plant sewer maintenance and plant operations personnel or which would preclude safe entry into the sewer system or any portion of the treatment plant.
- B. Any ignitable, reactive, explosive, corrosive, or hazardous waste, except as provided for by ALCOSAN's rules and regulations.
- C. Any wastewater with a temperature greater than 140°F (60°C).
- D. Any waste which exceeds the naturally occurring background levels for either alpha, beta, or gamma radiation and/or any wastewater containing any radioactive wastes or isotopes of such half life or concentration not in compliance with applicable State or Federal regulations.
- E. Any solids or viscous substance capable of causing obstruction to the flow in sewers or other interference with the proper operations of ALCOSAN's facility or facilities discharging into the ALCOSAN system.
- F. Any noxious or malodorous liquids, gasses or solids which either singly or by interaction with other wastes may create a public nuisance or adversely affect public health or safety.
- G. Pathological wastes from a hospital or other medical establishment.
- H. Garbage, whether ground or not, except properly shredded food waste garbage resulting from the proper use of a garbage grinder or disposer type approved by ALCOSAN and maintained in good operating condition.

I. Sludges or other materials from septic tanks or similar facilities or from sewage or industrial waste treatment plants or from water treatment plants, unless the discharge of such sludges and other materials is specifically approved by ALCOSAN.

J. Any pollutant including oxygen demanding pollutants released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the ALCOSAN facilities.

K. Any substance which will cause ALCOSAN's effluent or any other product of the ALCOSAN facilities, such as residues, sludges, or scums, to be unsuitable for reclamation processes, including any substance which will cause the ALCOSAN facility to be in non-compliance with sludge use or disposable criteria, guidelines, or regulations developed under §405 of the Act, any criteria, guidelines, or regulations promulgated pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act or State laws or regulations applicable to the treatment or disposal of such effluent or such product.

(*Ord. 1864, 11/28/1994, §103*)

§18-304. Pretreatment Standards.

1. No person shall take any action or do or cause to be done anything in violation of any rule or regulation of ALCOSAN.

2. The pretreatment regulations of the Allegheny County Sanitary Authority are incorporated into this Part by reference as though fully set forth herein.

(*Ord. 1864, 11/28/1994, §104*)

§18-305. Penalties.

Any person, firm corporation who shall violate any provision of this Part, upon conviction thereof, shall be sentenced to pay a fine of not more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation of this Part continues shall constitute a separate offense. In addition, any person violating any provision of the ALCOSAN pretreatment regulations may be subject to administrative and civil penalties as provided for by the pretreatment regulations and administered by ALCOSAN. Such penalties may include, but are not limited to, injunctive relief and penalties of up to \$25,000 per day, per violation as provided for by the Publicly Owned Treatment Works Penalty Law, 35 P.S. §752.1 *et seq.* Authority to so enforce the pretreatment regulations is granted to ALCOSAN, and is in addition to but not in place of any other remedy available to the Township.

(*Ord. 1864, 11/28/1994, §105; as amended by Ord. 2288, 4/12/2010*)

B. Grease Clogging Remediation**§18-311. Short Title.**

This Part shall be hereafter known as the “Ross Township Grease Clogging Remediation Ordinance.”

(Ord. 1958, 3/9/1998, §601)

§18-312. Definitions.

Food preparation facility - any food establishment in any building, room or place or any portion thereof or appurtenance thereto, where human food or drink is mixed, cooked, or otherwise prepared, offered for sale, sold, served or given with or without charge to patrons, customers or guests for consumption on the premises; provided, however, that this does not include the mixing, cooking or other preparation and serving of food in single-family dwellings to the resident family or its guests.

Grease trap - interceptor whose flow rate is 35 gpm or less and which is located inside the building. Grease traps shall be rated for a minimum 22.5 gpm.

Grease interceptor - an interceptor whose rated flow exceeds 35 gpm and which is located underground outside the building.

Restaurant - any public eating place where regular meals are prepared, offered for sale, sold and served to patrons, customers or guests for compensation based on the price charged for and generally paid at the conclusion of each meal. The words “regular meals” as used herein means meals generally consisting of courses embracing some kind of meat or its equivalent, vegetables, bread, pastry, beverage and accompaniments, served at more or less regular intervals.

(Ord. 1958, 3/9/1998, §602)

§18-313. Plumbing to Be in Good Repair.

Every building or room occupied or used or used as a public eating place or restaurant shall be well drained. All soil pipes, waste pipes, drains or other plumbing fixtures shall be of adequate size to enable a passage of any waste intended to pass through it to the main public sewer. All drains, sewers, waste and soil pipes, traps in water and gas pipes shall, at all times, be kept in good repair and order so that no gases or odor shall escape therefrom and so that the same shall not leak, and all vent pipes shall be kept in good order and repair and free from obstruction.

(Ord. 1958, 3/9/1998, §603)

§18-314. Installation of Grease Interceptors and Traps.

1. On or before September 1, 1998, every building, room or space or part thereof used as a restaurant or food preparation facility whether new or existing shall install or cause to be installed a grease interceptor or grease trap. The type of installation shall be determined by the total fixture flow through rate of potential grease laden fixtures discharging through the building sewage lines as determined by the Allegheny County Health Department Plumbing Division. For flow through rates 35 gpm or less, an internal grease trap may be installed in certain existing structures used as restaurants and food preparation facilities. For flow through rates exceeding 35 gpm, an external,

underground grease interceptor must be installed in all new structures or changes of use involving restaurants or food preparation facilities.

2. Said grease trap or interceptor shall be installed at an appropriate location along the sewer line between the restaurant and/or food preparation facility and the lines entry into the main public sewer line. An inspection site tee shall be installed between the interceptor discharge and connect to the public sewer system. All installations shall be in accordance with Article 15 of the Allegheny County Health Department Plumbing Code and Regulations.

3. No solid waste devices, such as waste grinders, disposals, potato peelers, etc., shall discharge through the grease trap or grease interceptor. Only potential grease laden fixtures may discharge through the trap or interceptor.

4. All new restaurants or food preparation facilities shall be required to install an exterior, underground grease interceptor of a minimum 1,000 gallon capacity, regardless of flow through rate.

5. In all existing restaurants or food preparation facilities, there shall be installed a grease interceptor or grease trap as determined by flow through rate, as detailed above.

6. In existing facilities where it is determined by Ross Township that a grease trap is not sufficient, Ross Township may require that a grease interceptor (as detailed above) be installed. Such insufficiency shall be evidenced by excessive amounts of grease being discharged into the public sewer system by a facility. All existing restaurants or food preparation facilities shall, at a change of ownership or alteration, install an exterior, underground grease interceptor of a minimum 1,000 gallon capacity. In all existing structures, buildings or parts thereof in which there is a change of use or occupancy to that of a restaurant or food preparation facility there shall be installed a grease interceptor, minimum 1,000 gallon capacity, regardless of flow through rate.

7. Each grease interceptor or grease trap shall and must be installed by a plumber registered with the Allegheny County Plumbing Department.

(Ord. 1958, 3/9/1998, §604)

§18-315. Maintenance of Grease Interceptors and Grease Traps.

1. All grease interceptors and grease traps shall be maintained and kept in good working order at all times. The interceptor or trap shall limit the amount of grease discharged into the public sewer system to levels not exceeding those permitted by the Allegheny County Sanitary Authority (ALCOSAN). Oil/grease discharges shall not exceed 200 ppm downstream of the interceptor or trap.

2. It shall be the duty and responsibility of any owner, lessee or agent of any restaurant or food preparation facility to, at a minimum of, annually inspect the grease interceptor or trap. A written record shall be kept of all inspections. The inspection record shall, at a minimum, list the name (inspector and company), address, phone number of the inspection/disposal company, the method and frequency of cleaning schedule and the date of the cleaning/inspection. Such records shall be presented to the Township upon request. A more frequent cleaning/inspection schedule may be ordered to be performed by the facility when it is determined by the Township that the facility is discharging excessive amounts of grease to the public sewer system.

(*Ord. 1958, 3/9/1998, §605*)

§18-316. Penalties.

1. Whosoever violates any of the provisions of this Part, upon conviction thereof, shall be sentenced to pay a fine of not more than \$1,000 plus costs and, in default of payment of said fine and costs, to a term of imprisonment not to exceed 30 days. Each day that a violation of this Part continues shall constitute a separate offense. [*Ord. 2288*]

2. Whosoever violates any of the provisions of this Part shall cease to discharge or infiltrate or permit the discharge or infiltration of the violating materials and substances upon receiving 30 days notice, in writing, to do so. In case the violator neglects or refuses to do so, in addition to the fines set forth above, Ross Township may proceed to have the violating system disconnected and the cost thereof, together with the penalty of 10 percent additional thereto, shall be collected from the violator in the manner now provided by law. In addition to the penalties provided above, the Township of Ross shall have the right, upon proper notification, to cause water service to the offending premises to be terminated by the provider thereof.

(*Ord. 1958, 3/9/1998, §606; as amended by Ord. 2288, 4/12/2010*)

§18-317. Right of Entry.

1. In the discharge of duties, Ross Township Code Enforcement Officer or authorized representative shall have the authority to enter, at any reasonable hour, any restaurant or food preparation facility in the jurisdiction to enforce the provisions of this Part.

2. The Ross Township Code Enforcement Officer may cooperate with or delegate his authority to the appropriate official of the Allegheny County Health Department or other County agency charged with the duty of enforcing any Allegheny County ordinance or regulation relating to the subject matter of the within Part.

(*Ord. 1958, 3/9/1998, §607*)

§18-318. Allegheny County Ordinance and/or Regulations.

The Township of Ross reserves the right to invoke and enforce any Allegheny County ordinance or regulation relating to the subject matter of this Part and to seek the imposition of the penalties provided in the said Allegheny County Ordinance or regulation.

(*Ord. 1958, 3/9/1998, §608*)

Part 4

Construction Standards for Sanitary Sewers

§18-401. Sanitary Sewers.

1. From and after the effective date of this Part all sanitary sewers constructed in the Township of Ross shall be constructed in accordance with the specifications for sanitary sewers construction, as more fully set forth in §18-402 hereof, as the same may be amended by resolution from time to time by the Board of Commissioners of the Township of Ross. The standards of construction for sanitary sewers as herein set forth are intended to apply to those sanitary sewers which will be or become Township maintained sanitary sewers.

2. From and after the effective date of this Part, sanitary sewers to be constructed in the Township of Ross may be constructed of poly-vinyl-chloride (PVC) Pipe in accordance with specifications on file in the office of the Ross Township Building Code Official. [Ord. 2288]

(Ord. 1223, 6/9/1975, §II; as amended by Ord. 1437, 3/28/1983, §I; and by Ord. 2288, 4/12/2010)

§18-402. Storm Sewer Installation.

1. Trench and bed for rigid and flexible pipe.

A. *General.* The trench shall have a width specified as follows:

Pipe Size Inside Diameter	Specified Trench Width*	
	Concrete Pipe	Metal Pipe
48 inches and less	Outside diameter of pipe measured at the bell, plus 1.0 foot on each side of the pipe.	Outside diameter of pipe, measured at the end of the pipe section without band, plus 1.0 foot on each side of the pipe.
Over 48 inches	Outside diameter of pipe, measured at the bell, plus 1.25 feet on each side of the pipe.	Outside diameter of pipe, measured at the end of the pipe section without band, plus 1.25 feet on each side of the pipe.

*Specified trench widths may be increased by a tolerance 1 foot on each side of the trench.

When rock, hard, shale, or any unyielding material is encountered in the trench, it shall be excavated for the full width of the trench below the proposed elevation of the bottom of the pipe for a depth of ¼ inch per foot of fill over the pipe to a minimum depth of 12 inches and a maximum of 24 inches. The trench below the elevation of the bottom of the pipe shall be backfilled with selected fine compressible material and lightly compacted in 4-inch layers, or when directed, with coarse aggregate meeting the requirements of §18-402.4.B(3). The bed shall be shaped as specified in §18-402.2.A, §18-402.2.B, or §18-402.2.C for rigid pipe and §18-402.2.C for flexible pipe.

When the material encountered is unstable, it shall be entirely removed under

the pipe for the full width of the trench or as otherwise required for the particular condition, replaced with suitable material compacted to a satisfactory density, and the bed shaped as specified in §18-402.2.A, §18-402.2.B, or §18-402.2.C.

B. The trench shall be excavated through natural ground or as specified herein.

(1) Where pipe structures with an inside diameter of less than 8 feet are to be placed under embankment, the contractor shall, unless otherwise directed by the Engineer, complete the construction of the embankment to a minimum of 4 feet, where practicable, above the top of the pipe before placing. Shallow installations, with less than 4 feet of cover over the top of the pipe, shall be constructed after all heavy hauling is completed over the pipe location. Where running water is encountered and cannot be diverted, a temporary pipe or structure shall be placed prior to constructing the embankment.

(2) Where pipe structures with an inside diameter of 8 feet or more are to be placed under embankment, the contractor will not be required to construct the embankment, and trench, prior to placing the pipe.

2. *Bedding Classification.* Pipe shall be bedded in accordance with the class of bedding directed by the Engineer:

A. *Class A Bedding.* The pipe shall be bedded in a continuous cradle consisting of Class B concrete (or better), reinforced when directed, placed under and around the pipe, having a thickness under the pipe of one-quarter inside diameter but in no case less than 4 inches, and extending up each side of the pipe for a depth of 25 percent of the outside diameter. The cradle width shall be the outside diameter of the pipe plus 4 inches on each side.

B. *Class B Bedding.* The trench shall be shaped approximately to the curvature of the outside surface of the pipe to a minimum depth of 30 percent of the outside diameter plus 4 inches. A fine aggregate bedding not less than 4 inches thick shall be placed thereon and accurately shaped by means of a template to provide a uniform contact under the pipe. The fine aggregate for use in Class B Bedding shall meet the requirements of §703.1(b) or §703.2 of the PennDOT Form 408.

C. *Class C Bedding.* The pipe shall be bedded with care in soil foundation shaped to fit the pipe exterior to a minimum depth of 15 percent of the outside diameter.

3. *Laying Rigid and Flexible Pipe.*

A. All pipe, unless otherwise permitted, shall be placed at least 2 weeks prior to placing the base course or pavement. No pipe shall be placed unless a suitable outlet is provided. Pipe laying shall begin at the downstream end. The pipes shall be laid carefully in the bedding, bells, or grooves up grade in shaped recesses when required, spigot ends fully entered into the hubs, and true to the lines and grades staked. Batter boards shall be placed at intervals of not over 25 feet, to eliminate sag in the line used in making the installation.

B. In lieu of using batter boards, the contractor may use a laser beam system for controlling the pipe alignment.

C. The grade line shall be cambered if directed to offset anticipated

settlement due to height of embankment and type of bedding used.

D. The minimum cover over the pipe, under subgrade elevation, shall be 3 inches for cast iron pipe, and 6 inches for all other types of pipe, unless otherwise indicated or directed.

E. All pipe shall be laid with mortared joints, except the interlocking style and pipe joined with bands. Before the succeeding sections of pipe are placed, the lower one-half of the joint shall be plastered with cement mortar meeting the requirements of §705.8(a) of the PennDOT Form 408 to bring the inner surface of the abutting pipe flush and even. Before placing mortar the pipe shall be wetted with as much water as it will readily absorb. The outside of the joint of bell and spigot pipe shall be filled with the plastic mortar flush with the end of the bell. The joint of tongue and groove pipe shall be filled flush with the outside surface of the pipe. On the inside of the pipe, the lower half of the joint shall be filled flush with mortar, wiped clean, and finished smoothly for all sizes of pipe; but for 24-inch diameters and over, the joints shall be filled flush with mortar for the entire inside periphery, and finished smoothly in the same manner. Voids for lift holes shall be filled with mortar after the pipe is placed.

F. Backfilling may proceed immediately after the joints are mortared as long as the operation avoids damage to the joint, maintains the pipe in the proper alignment and grade, and provides satisfactory curing conditions for the mortar.

G. When permitted by the Engineer, either a preformed joint or a caulking compound of an approved type may be used to join sections of the pipe in lieu of cement mortar.

H. When pipes are protected by endwalls, or connected with drainage structures, the exposed ends of the pipe shall be placed as directed by the Engineer, or cut off flush with the face of the structure. Where pipe culverts are constructed in conjunction with existing drainage structures, provision shall be made for satisfactory connections.

4. *Backfilling of Trench and Placing Embankment.*

A. After the pipe is laid and approved, the trench shall be backfilled with coarse aggregate meeting the requirements of §350.2 of the PennDOT Form 408 to a height of not less than 1 foot above the top of the pipe. The remaining height shall be backfilled with suitable material. All pipe backfill material shall be placed in 4-inch layers, except 8-inch layers will be permitted when approved vibratory compaction equipment is used and in those areas accessible to the equipment and provided the backfill material is suitable for testing for compaction. When coarse aggregate is not specified the entire trench shall be backfilled with suitable material. Pipe with an inside diameter of 8 feet or more shall be backfilled simultaneously with the construction of the embankment and as specified herein, and the limits for coarse aggregate shall be the same as for the trench condition. All backfilling shall be thoroughly compacted with mechanical tampers or other approved methods to a density satisfactory to the engineer.

B. *Rigid Pipe.* The embankment over rigid pipe shall not exceed the heights in the following table for the ultimate strength of the pipe, the class of bedding, and method of backfilling.

Ultimate Strength of Pipe	Case 1, Maximum Embankment in Feet			Case 2, Maximum Embankment in Feet Imperfect Trench		
	Class of Bedding			Class of Bedding		
Pipe Class D Load*	A	B	C	A	B	C
Class I** 1,200D						
Class II** 1,500D						
Class III 2,000D	25	15	13	121	44	33
Class IV 3,000D	40	23	18	142	69	53
Class V 3,750D	47	29	24	180	87	67
4,000D***						

* Ultimate strength of pipe per linear foot when tested by three edge bearing method, where D is the nominal inside diameter of pipe in feet.

** Class I and II shall be used only for special designs.

*** 4,000 D Cast-Iron Pipe shall be used when cover is shallow and high impact and concentrated loading are involved.

(1) When the depth of material over rigid pipe is equal to or less than that given in Case 1, the trench shall be backfilled and the embankment shall be constructed as specified in §206 of the PennDOT Form 408.

(2) *Imperfect Trench.* When the height of material over a rigid pipe exceeds the maximum as given in Case 1 but is equal to or less than the maximum height as given in Case 2 of the table, an imperfect trench shall be constructed. The pipe culvert shall first be installed in accordance with the requirements for Class A, B, or C bedding. The trench shall be backfilled in accordance with the requirements of §18402.4.A, and the embankment over the culvert shall be constructed in accordance with §206 of the PennDOT Form 408, to an elevation equal to the outside diameter of the pipe plus 1 foot above the top of the pipe. Next, a trench equal in width to the outside diameter of the pipe shall be dug in the fill directly over the culvert, down to an elevation of 1 foot above the top of the pipe. Care shall be taken to keep the sides of this trench as nearly vertical as possible. After the trench is excavated, it shall be refilled with loose, highly compressible earth or other approved material. After the trench is backfilled, the embankment shall be placed and compacted in accordance with §206 of the PennDOT Form 408.

(3) *Rigid Pipes Placed Through Structures other than Endwalls and Dry Masonry Walls.* Where rigid pipe are placed through structures other than endwalls and dry masonry walls, they shall be wrapped with two layers of two-ply bituminous paper over the entire surface of the pipe so encased.

Materials. The aggregate shall be stone, gravel, or slag meeting the requirements of §703.3 of the PennDOT Form 408 for Type C, or better, No. 2A material. The size and gradation of the material shall be determined in accordance with PTM

No. 619.

Approved granulated blast-furnace slag will be acceptable. Approved granulated blast-furnace slag is the glassy granular material formed when molten blast-furnace slag is rapidly quenched by immersion in water. Further, it is normally light gray or tan in color and it shall not weigh more than 90 pounds per cubic foot nor less than 55 pounds per cubic foot (dry rodded unit weight, PTM No. 609). The material shall be reasonably uniform and free from harmful amounts of clay, silt, vegetation or other substances determined to be deleterious. It shall have a maximum size of 2 inches and not more than 20 percent passing the No. 100 sieve.

A change in the source of material may be made only with the written permission of the Engineer. References given are to PennDOT Form 408, Published in 1973.

(Ord. 1223, 6/9/1975)

§18-403. Stormwater Drainage.

From and after the effective date of this Part, all stormwater drainage facilities constructed in the Township of Ross shall be constructed in accordance with the specifications for stormwater drainage facilities construction, as the same may be amended by resolution from time to time by the Board of Commissioners of the Township of Ross. The standards for construction for stormwater drainage facilities are intended to apply to those stormwater drainage facilities which will be or become Township maintained stormwater drainage facilities.

(Ord. 1223, 6/9/1975, §§II-IV)

