

**RULES AND REGULATIONS
OF
THE CENTRAL INDIANA COUNTY
JOINT SANITARY AUTHORITY**

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SECTION I - INTRODUCTION

- 1.01 The Board of the Central Indiana County Joint Sanitary Authority (CICJSA) has duly adopted the following Rules and Regulations governing the furnishing of sewage services.
- 1.02 The Rules and Regulations, as amended and supplemented, shall govern and control the furnishing of sewage services, shall apply to all sewerage systems within the Jurisdiction of the Authority and shall be a part of each application for service and each service contract.
- 1.03 For the purpose of construing the Rules and Regulations, the use of the singular shall include the plural and the plural the singular. Words used in the masculine gender shall include the feminine and the neuter. Words used in the present or past tense shall include the future.
- 1.04 The provisions of the Rules and Regulations are severable. If any word, sentence, clause, section or other provision thereof is found by a court of competent jurisdiction to be unlawful and void, the remaining provisions shall nevertheless remain valid.

SECTION II - DEFINITIONS

- 2.01 Abnormal Industrial Waste shall mean any industrial waste having a suspended solids content or B.O.D. appreciably in excess of that normally found in municipal sewage. For the purposes of this Regulation, any industrial waste containing more than 350 parts per million of suspended solids, or having a B.O.D. in excess of 300 parts per million, 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 municipal sewage.
- 2.02 Authority shall mean the Central Indiana County Joint Sanitary Authority a body corporate and politic, organized and existing under the laws of the Commonwealth of Pennsylvania.
- 2.03 Bio-chemical Oxygen Demand (sometimes referred to as "B.O.D.") shall mean the quantity of oxygen utilized in the bio-chemical oxidation of organic matter under standard laboratory procedure in five days at 20° C., expressed in parts per million by weight. The B.O.D. shall be determined by one of the acceptable methods described in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.
- 2.04 Chlorine Requirement shall mean the amount of chlorine, in parts per million by weight, which must be added to sewage to produce a specified residual chlorine content, or to meet the requirements of some other objective, in accordance with procedures set forth in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.

2.05 Customer shall mean the owner or tenant hereafter defined, contracting for and/or sewage service for one or more premises.

Developer shall mean any landowner or agent of such landowner which makes or causes to be made an extension of the sanitary sewer system.

Debt Service shall mean the user charge or fee imposed by the Authority for the use or availability of the sanitary sewer system.

EDU or Equivalent Dwelling Unit shall mean an amount of waste equal to the average amount typically produced in a single family dwelling unit in volume, herein defined as 286 gallons per day, and in strength, and in character as outlined in the Rules and Regulations of the Authority.

2.06 Garbage shall mean solid waste from the preparation, cooking and dispensing of food and from the handling, storage and sale of produce. Garbage properly shredded shall mean the waste 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 dimension.

2.07 Industrial Waste shall mean any liquid waste from industrial processes or commercial establishments, as distinguished from sanitary sewage.

2.08 Municipality shall mean the Township of Center, and/or the Borough of Homer City, Indiana County, Pennsylvania.

2.09 Owner shall mean the person, firm, partnership, corporation or association having an interest as owner, whether legal or equitable, sole or partial, in any premise, which is or may be furnished sewage service by the Authority.

2.10 Parts Per Million 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.

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

2.12 Premise shall mean the property or area, including the improvements thereon and additions thereto, to which sewage service is or will be furnished and shall include but may not be limited to:

- a. A building under one roof, owned or leased by one customer and occupied as one residence or one place of business, including additions thereto, or
- b. A group or combination of buildings owned by one customer, in one common

enclosure, occupied by one family or one organization, corporation, firm or partnership as a residence or place of business, or for manufacturing or industrial purposes, or as a motel, hotel, hospital, church, private school, or similar institution, except as otherwise noted herein, or

- c. The one side of a double house having a solid vertical partition wall, or
- d. Each side or each part of a house or building occupied by one family even though the closet and/or other fixtures be used in common, or
- e. A public building devoted entirely to public use, such as a municipal building, school, fire engine house, or
- f. Each apartment, office or suite of offices, and/or place of business located in a building or group of buildings, even though such buildings in a group are inter-connected by a tunnel or passageway, covered area-way or patio or by some similar means or structure, or
- g. A single lot or park or playground, or
- h. Each house in a row of houses, or
- i. Each dwelling unit in a house or building, a dwelling unit being defined as a building or portion thereof with exclusive culinary facilities designed for occupancy and used by one person, family or household, or
- j. Each individual and separate place of business and/or occupancy located in one building or group of buildings commonly designated as shopping centers, supermarket areas, and by such other terms, or
- k. Each dwelling unit in a public housing development owned and operated by the United States of America, a municipal subdivision of the Commonwealth of Pennsylvania, or an agency or instrumentality of the United States or the Commonwealth of Pennsylvania; by a philanthropic foundation or organization of some such similar body or organization; or operated under private ownership, or
- l. A mobile home.

2.13 Private Sewerage System shall mean all or any portion of a sewerage system not owned by the Authority.

2.14 Rate Schedule shall mean the entire body of effective rates, rentals, sewage treatment and connection fees and other charges, as published by the Authority and as amended and supplemented from time to time.

2.15 Residential Premises shall mean a dwelling unit designed for occupancy by one person,

family or household.

- 2.16 Sanitary Sewerage shall mean the normal water-carried household and toilet wastes from residences, business buildings, institutions, industries and commercial establishments exclusive of storm water runoff, surface water or ground water.
- 2.17 Sanitary Sewerage System shall mean all sanitary sewers, all sewage pumping stations, all sewage treatment works and all other facilities provided and owned by the Authority for the collection, transportation and treatment of sanitary sewage and industrial waste with their appurtenances and any additions, extensions or improvements thereto that may be made by the Authority and/or others.
- 2.18 Sewage shall mean a combination of the water-carried wastes from residences, business buildings, institutions, commercial and industrial establishments.
- 2.19 Sewage Service Connection shall mean the connection of the sewer carrying sewage to the sanitary sewerage system.
- 2.20 Sewage Treatment Plant shall mean any arrangement of devices and structures used for treating sewage.
- 2.21 Sewage Works shall mean all facilities for the collection, transportation, pumping, treatment and disposal of sewage.
- 2.22 Sewage Line Extensions shall mean extensions of sewer lines beyond existing facilities excluding building sewer service connections.
- 2.23 Sewer Types
- a. Building Drain shall mean that part or the lowest horizontal piping of a drainage system beginning at a point 5 feet outside the inner face of the building wall which receives the discharge from soil, waste and other drainage pipes inside the walls of the building and conveys it to the building sewer and which shall be owned and maintained by the owner.
 - b. Building Sewer Lateral shall mean the pipe located between the building drain and the Building Sewer Connection which does not receive sewage from any other common sewer and which shall be owned and maintained by the owner.
 - c. Building Sewer Connection shall mean the pipe, wyes manholes and other appurtenances located between the Building Sewer and the public sewer and which shall be owned and maintained by the Authority.
 - d. Intercepting Sanitary Sewer shall mean a sewer into which the sewage from all main and other sewers is discharged.

- e. Main Sanitary Sewer shall mean a sewer that is a main stem or artery of the sewerage systems.
 - f. Public Sewer shall mean a sewer owned and maintained by the Authority.
 - g. Sanitary Sewer shall mean a sewer that carries sewage.
- 2.24 Slug shall mean a discharge of water, sewage or industrial waste which, in concentration of any given constituent or in quantity of flow, exceeds for any period of longer duration than 15 minutes more than three times its average hourly concentration of flow.
- 2.25 Surcharge shall mean an additional rate for treatment of waste, including abnormal industrial waste, of greater strength than the concentration values established as is representative of normal sewage.
- 2.26 Suspended Solids shall mean solids that either float on the surface of, or are in suspension in, water, sewage or other liquids and which are removable by a laboratory filtration device. The quantity of suspended solids shall be determined by one of the acceptable methods described in the latest edition of Standard Methods for the Examination of Water and Sewage published by the American Public Health Association.
- 2.27 Tenant shall mean anyone occupying premises under lease from the owner and/or occupant of premises with permission of the owner in any premise that is about to be or is being furnished sewage service by the Authority.
- 2.29 Unpolluted Waste or Unpolluted Water shall mean water of quality equal to or better than the effluent criteria in effect established by Federal and State regulatory agencies or water which would not be benefited by discharge to the sanitary sewers and sewage treatment facilities of the Authority.
- 2.30 Water Course shall mean a channel in which a flow of water occurs, either continuously or intermittently.

SECTION II - CONDITIONS OF SERVICE

- 3.01 General - The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, commercial, or other purposes, situated within the approved 537 Plan and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a sanitary sewer of the Authority, and which is within 150 feet of said sewer, is hereby required at the owner's expense to connect such houses, buildings or other structures located on said property with the aforementioned sanitary

sewer for the purpose of disposing of all sanitary sewage. The connection with the sanitary sewer shall be made in accordance with the provisions of these Rules and Regulations, within (ninety) 90 days after date of official notice to connect. Authority will furnish sewage service only in accordance with the Rules and Regulations as amended and supplemented. No application for service, contract, agreement or license shall be inconsistent or conflict with the Rules and Regulations.

- 3.02 The Authority may from time to time, without notice, as it may deem necessary, alter, amend, supplement or repeal the Rates and the Rules and Regulations, in whole or in part.
- 3.03 The furnishing of sewage service may be refused if sewage flows are found or estimated to be excessive, or if the character of the sanitary wastes to be discharged are determined to be unsatisfactory.
- 3.04 Maintenance and repair of the sewer service lines of building sewers, including the cost thereof, will be the responsibility of the user, customer or property owner. No work shall be done on any sewer service line or building sewer lateral without prior written approval from the Authority. All work shall be subject to inspection by Authority personnel during the performance thereof. The Authority shall have the right to do all work with respect to connections to the main sewers and charge the user, customer or property owner for the cost of such work, said work to be done in accordance with the requirements hereinafter set forth. Three days notice shall be given to the Authority prior to the commencement of any work on the sewer service line or building sewer lateral for which approval has been obtained from the Authority.
- 3.05 Each premise shall be served through a separate building sewer lateral or sewer service line. A single building sewer lateral may be permitted to serve a school, factory, other permanent multiple dwelling unit or multiple use unit structure whose individual units may not be subject to separate ownership, or where physical conditions prevent the installation of separate service facilities as determined by the Authority.

The term "physical conditions" shall apply only to such situations as relate to the plumbing layout in the premises. All building sewer service lines, as defined herein, shall be installed in accordance with all Authority requirements relative thereto, and shall be connected only to main lines abutting the front of the property and owned by the Authority, except as otherwise provided, such building sewer service lines to extend from the street to a straight line at right angles to the street, to the premises where possible.

All proposed sewer installations must be approved by the Authority prior to installation.

The charges for sewage service in all cases shall be determined as set forth in detail in these Rules and Regulations and the Schedule of Rates.

SECTION IV - APPLICATIONS AND CONTRACTS FOR CONNECTIONS AND SERVICE

- 4.01 Application for Sewer Service Line Connection - A written application on a form

furnished by the Authority shall be submitted to the Authority for the purpose of requesting the installation of a sewer service line connection or sewer service line to each premise or group of premises where an individual sewer service line connection is permitted in accordance with these Rules and Regulations, said application to be subject to such service connection fees, tapping fees and charges currently in effect which are payable in advance for each of the respective service areas, which application, together with the Rates and Rules and Regulations of the Authority, shall regulate and control the service to such premises. Said application shall be submitted at least 10 working days or such shorter time as the Authority may require, before the connection is required. The installation of all service lines and building sewers shall be in accordance with the requirements hereinafter set forth. The Authority shall have the right to combine in one application the request for the connection and the request for service, as outlined in Section 4.02, relative to sewer services.

- 4.02 Application for Sewage Service - A written application prepared on a form furnished by the Authority shall be submitted to the Authority for the purpose of requesting sewage service. Each application shall be signed by the owner of the premises and shall be the guarantor for all bills rendered. The application, together with the Rates, Rules and Regulations of the Authority, shall regulate and control the service for the premises. The application shall be submitted at least 10 working days or such shorter time as the Authority may require, before service is required.
- 4.03 Approval of Applications - Applications are considered written requests for building sewer connections sewage service and must be approved by the Authority Board or its authorized agent. No application shall be approved until applicant pays all required fees and complies with the Rules and Regulations.
- 4.04 Application of a Contract - The application for sewage service shall be a contract between the customer and the Authority, upon written approval by the Authority. In all instances where the customer is a tenant, the owner of the premises shall be a party to the Contract. Charges for service shall commence from the date the service is available to the premises.
- 4.05 Contracts with Delinquents - No agreement will be entered into by the Authority with any applicant for sewage service, whether owner or tenant, until all arrearages for service, rents, or other charges due by the applicant at any premises now or therefore owned and/or occupied by him shall have been paid or until satisfactory arrangements for payment of such unpaid bills shall have been made.
- 4.06 Term of Contract - All contracts for sewage service shall continue in force until 10 working days' written notice is given by the Owner of a desire to terminate the contract. All properties are subject to the Authority's monthly debt service charge regardless of whether the property is inhabited. Property owners will be billed according to these Rules and Regulations.
- 4.07 Government Regulations a Part of Contract - All contracts for sewage service shall

be subject to such changes or other modifications as may be directed by action of the Department of Environmental Protection (DEP) to the Legislature of the Commonwealth of Pennsylvania or other regulatory bodies such as the Environmental Protection Agency (EPA).

- 4.08 Joint and Several Liability - Two or more parties who join in the application for service shall be jointly and severally liable, provided, however, that irrespective of the number of persons liable for payment the Authority need only prepare and submit a single bill.
- 4.09 Change In Ownership or Tenancy or Conditions of Sewage Service Use - A new application must be submitted, a security deposit paid as set forth in the Rate Schedule, and approved by the Authority upon any change in ownership of the property when the owner is the customer, or in any tenancy where the tenant is the customer, or in the service as described in the application.

The Authority shall have the right, upon five working days' notice, to discontinue the service until such new application has been made and approved. Upon change of ownership, the responsibility of complying with the foregoing is upon the buyer and seller, and their failure to do so makes both parties liable for any obligation owing which may be collected from either and lien against the property in either name.

- 4.10 In connection with a change in service, any customer making any material change in size, character or extent of equipment or operations utilizing sewage service, or whose change in operations results in a substantial increase in the use and/or increase in the flow of sewage or industrial waste shall immediately give the Authority written notice of the nature of the change and, if necessary, amend their application, and to pay all appropriate fees or charges associated with the change in service.
- 4.11 Renewal of Service - Sewage service will be renewed under a proper application when the conditions under which such service was discontinued are corrected, and upon the payment of all charges due from the applicant.
- 4.12 Five-year Cap on Unused Connections – There is a five-year time limit for utilizing connections. Property owners having any connection(s) that is not put into service within five years from the date of installation shall forfeit the right to the connection(s) unless the property owner shall show good cause for an extension of time in which to utilize the connection. The extension of time shall be granted by the Authority in its sole discretion. Said extension of time shall not exceed six (6) months. Should the property owner choose to reinstate his rights to the use of the connection, an application must be completed and the appropriate connection fee paid in accordance with the Rate Schedule.

SECTION V - SECURITY DEPOSITS

- 5.01 General - The following general rules shall apply to deposits with applications for sewage service:

A security deposit must accompany all new applications for sewerage service.

- 5.12 Deposits shall be returned to the depositors upon discontinuance of service by the customer and payment of all charges due.
- 5.13 No interest will be paid on deposits.
- 5.14 In the event sewerage service is discontinued, the security deposit shall be used as payment credit to reduce any balance for service. If there is no balance, the security deposit will be returned to the depositor.
- 5.14a The owner and/or the purchaser of any property transferred which is now or hereafter connected with the systems shall immediately notify the Authority of the change or ownership and the status of occupancy, in order that compliance with these Regulations may be effected relating to occupancy. The new owner or occupant shall immediately make application for service, and upon failure to do so, the Authority shall have the right upon five working days' notice to discontinue the service until a new application has been submitted and approved.

SECTION VI - BUILDING SEWER CONNECTIONS

- 6.01 General - No building drains, building sewers or connections to the system of the Authority shall be permitted until the application for service has been approved by the Authority.
- 6.02 No unauthorized person shall uncover or make any connections with or openings into, use, alter or disturb any sewer owned by the Authority without first having obtained a written permit from the Authority. Permission to use the building sewer will not be granted until after an inspection has been made of the installation and a determination made that said building drain and sewer are constructed to exclude all storm water, downspout, subsoil drains and such other illegal connections, and all industrial wastes prohibited herein are excluded. The scope of the inspection will be described elsewhere herein.
- 6.03 All systems, other than those owned by the Authority, shall be subject to the regulations set forth herein or to regulations establishing higher standards.
- 6.04 All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the Authority from any loss or damage that may directly or indirectly be caused by the installation of the building sewer. All costs and expenses incident to maintenance, repair, replacement and other work in connection with building sewers shall be borne by the owner.
- 6.05 All work relating to the installation of building sewer connections and/or lateral sewers shall be performed by the Authority or its designated representative within the legal right of way of the Authority or municipality. All other construction on private property will

be performed by the customer or his designated representative, but in both cases, at the cost of the customer.

- 6.06 The use of old building sewers in connection with new buildings will be permitted only when they are found, upon examination and testing by the Authority or persons approved by the Authority or agencies, to meet all requirements set forth herein.
- 6.07 The main drainage system of every house or building shall be separately and independently connected with the street sewer. Where one building exists or is erected in the rear of another, or on an interior lot, or of single ownership, and no private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer. This shall apply only to those situations where the water service is separately metered.
- 6.07a The Authority will permit sewer service for a detached garage provided that the use remains single-family residential. In the event that a change in use occurs the owner will be required to make the necessary changes to the application for sewage service and to pay the required fees associated with the change.
- 6.08 Plumbing - Drainage System - The plumbing system serving the premises shall be designed and constructed in accordance with the BOCA Plumbing Code as modified by the Authority, insofar as said code does not conflict with the requirements hereinafter set forth. Said requirements shall govern and shall control the design and construction of the plumbing system except in matters where said requirements are silent.
- 6.09 All sewers below floors of buildings and 5 feet outside the building shall be ASTM D-3034 (SDR 35), or Schedule 40 PVC. A running trap with vent shall be installed at the end of the building drain as per the Rules and Regulations of the CICJSA. Vents may not be located in driveways.
- 6.10 Adapters from house drains to building sewer or sewer service connection shall be approved adapters such as donuts or couplings by Calder or Fernco, Inc.
- 6.11 Building Sewer Connections
- 6.111 Materials - Building sewers shall be constructed of the same material as used in the public sewer system, except that in those cases where the existing sewer line is other than Polyvinyl Chloride (PVC) Pipe the Authority will specify the type of material to be used.
- A. Ductile Iron Pipe
1. Description
- a. All ductile iron pipe, shall have an ultimate tensile strength of 60,000 lbs. per square inch minimum, a yield point of 42,000

lbs. per square inch minimum and an elongation of 10% minimum. Ductile iron pipe shall be manufactured in accordance with ANSI Specification A21.51 and A21.50, AWWA C151 and H3, latest edition.

- b. All ductile pipe shall be Class 52, unless the Plans call for another class, and double cement lined conforming to ANSI A21.4
- c. Joints shall be "push-on" type joints, as shown on Plans or specifically called for.
- d. Push-on joints shall be in accordance with ANSI A21.4.
- e. Fittings may be of ductile iron or cast iron 250 p.s.i.

B. Polyvinyl Chloride (PVC) Pipe

1. Description

- a. PVC pipe 4" through 12" in size and fittings shall conform with the requirements of the latest revisions of ASTM Specification D3034-SDR35 except that length shall be limited to 12.5 ft.
- b. A bell and spigot ring type of joint shall be provided. The bell shall consist of an integral wall section with a solid cross-section rubber ring, factory assembled, securely locked to prevent displacement.
- c. All bells on branch wyes or fittings shall be factory assembled.
- d. An "O" ring coupling with stainless steel tightening band and a rubber gasket water stop shall be provided for installation in manhole walls for pipe connections.
- e. Lengths shall not exceed 12.5 ft.

2. Pipe and Fitting Markings

- a. Pipe and fittings shall be in compliance with this standard. Pipe at maximum intervals of 5'- 0", and fittings shall be marked:
 - 1) Manufacturer's Name or Trademark

- 2) Nominal Size
- 3) Material Designation "PVC"
- 4) ASTM Spec. (D 3034)

3. Joints - The rubber ring for the bell and spigot joint shall be the Elastomeric Gasket Joint providing a watertight seal.

6.12 Building Sewer and Connection-Design and Installation - The building sewer may be six (6) inches or four (4) inches in diameter provided that the pipe is laid on a minimum slope of 1/8 inch per foot and 1/4 inch per foot respectively and cleanouts are placed at intervals of not more than 100 feet and 50 feet respectively. All building sewers shall conform to the specifications set forth in Appendix A attached hereto.

6.121 Cleanouts - Cleanouts consisting of a wye branch, curve, riser and watertight plug are required at intervals specified above, or at all direction changes greater than 45 degrees. The wye branch and curve must be encased in at least 6 inches of concrete. If the cleanout is located in a driveway, the concrete encasement must extend to ground level.

6.122 Installation - Prior to excavation of any trench, the contractor should expose the building sewer connection and the building drain. The trench width shall be kept to minimum width and have a uniform slope at approved grade, and as near as possible at right angles to the street. All trenches must be excavated at least 6 inches below the invert of the pipe.

Granular backfill (minimum 3/4 inch gravel size) shall be placed in the trench to grade of pipe and after providing bell holes and laying pipe, backfill to a minimum height of 12 inches over the top of the pipe. Granular backfill must be carefully tamped along both sides of the pipe. Remaining backfill, if satisfactory, may be material from the original excavation. Backfilling shall not be accomplished prior to inspection. A test tee shall be installed in the building sewer immediately before the wye, or manhole stub, if connection is to be made directly to a manhole.

If unusual trench conditions exist, such as excessive depth, unstable soil, under a stream or other water source, the Authority may require the owner, at his own expense, to encase the building sewer in concrete or take such other steps which, in the opinion of the Authority, are necessary for proper installation. The Authority may refuse a permit to allow a connection directly to the main intercepting sewer and require extensions and connections to a manhole, the manhole sewer and other work to be accomplished at the expense of the owner. In no event will a connection be made through a hole cut in the sewer.

6.13 The applicant for the building sewer permit shall notify the Authority when the building drain, building sewer and related facilities are ready for inspection and connection to the public sewer but prior to connection to the trap, and prior to backfilling. Final inspection will not be scheduled until all applications for service have been submitted and approved, and all tapping fees or other charges due and payable have been remitted to the Authority. The inspection of the building drain, building sewer and related facilities shall include but may not be limited to the following:

6.131 Inspection of installation to insure that proper bedding and embedment of the pipe has been accomplished. Concrete encasement has been placed where required. An air pressure test of the lines at a pressure of 5 psi for 15 minutes without any loss of pressure.

6.14 All excavations shall be performed in accordance with the latest edition of the OSHA Standards-Employer-Employee Safe Practices for Excavation and Trenching Operations.

6.15 Building Sewer Line and Connection - Maintenance - All building sewers shall be maintained by the owner or customer at his cost, and the sewer shall be protected properly and maintained by the owner or customer. When repairs, renewals or replacements or other necessary work is required in the aforesaid facilities, the owner or customer shall employ, without delay, competent tradesmen to do the work, at his expense. All leaks shall be repaired immediately. No work shall be done, however, without the approval of and supervision by the Authority.

SECTION VII - USE OF SEWERS

7.01 Required Use - All premises accessible to the Authority's sewerage system shall be connected to the system, at the expense of the user and/or property owner.

7.02 All connections shall be made in accordance with the Rules and Regulations and other applicable requirements of the Authority.

7.03 It shall be unlawful, according to Pennsylvania State Laws, for any person owning any occupied building or premises accessible to the Authority's sanitary sewerage system to erect, construct, use or maintain or cause to be erected, constructed, used or maintained any privy, cesspool, sinkhole, septic tank or other receptacle on such premises for receiving.

7.04 No person(s) shall discharge or cause to be discharged any unplugged waters such as stormwater, groundwater, roof runoff, subsurface drainage, or cooling water to any sewer.

7.05 No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

- a. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid or gas.

- b. Any waters containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any waste treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of any wastewater treatment plant.
- c. Any waters or wastes having a pH lower than 6.0 or above 9.0, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater works.
- d. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the wastewater facilities such as, but not limited to, ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, ungrounded garbage, whole blood, paunch manure, hair and fleshing, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

7.06 The following described substances, materials, waters, or waste shall be limited in discharges to municipal systems to concentrations or quantities which will not harm either the sewers, wastewater treatment process or equipment, will not have an adverse effect on the receiving stream, or will not otherwise endanger lives, limb, public property, or constitute a nuisance. The Authority may set more stringent limitations than the limitations established in the regulations below if in its opinion such more severe limitations are necessary to meet the above objectives. In forming its opinion as to the acceptability, the Authority will give consideration to such factors as the quantity of subject waste in relation to flows and velocities in the sewers, materials of construction of the sewers, the wastewater treatment process employed, capacity of the wastewater treatment plant, degree of treat ability of the waste in the wastewater treatment plant, and other pertinent factors. The limitations or restrictions on materials or characteristics of waste or wastewaters discharged to the sanitary sewer which shall not be violated without approval of the Authority area as follows:

- a. Wastewater having a temperature higher than 150 degrees Fahrenheit (65 degrees Celsius).
- b. Wastewater containing more than 25 milligrams per liter of petroleum oil, non-biodegradable cutting oils, or product of mineral oil origin.
- c. Wastewater from industrial plants containing foldable oils, fat or grease.
- d. Any garbage that has not been properly shredded. Garbage grinders may be connected to sanitary sewers from homes, hotels, institutions, restaurants, hospitals, catering establishments, or similar places where garbage originates from the preparation of food in kitchens for the purpose of consumption on the premises or when served by caterers.

- e. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances to such degree that any such material received in the composite wastewater at the wastewater treatment works exceeds the limits established by the Authority for such materials.
- f. Any waters or wastes containing odor-producing substances exceeding limits which may be established by the Authority. Wastes containing any of the following substances in concentration exceeding those shown in the following table as measured by an acceptable method:

<u>Substances</u>	<u>Unit</u>	<u>Concentration</u>
pH, Lab		6.0-9.0
Chemical Oxygen Demand		4773
Total Organic Carbon		2048
Alkalinity, Total	mg/l	4214
Ammonia-Nitrogen	mg/l	281
Nitrate-Nitrogen	mg/l	1.88
Chloride	mg/l	1179
Sulfate, Total	mg/l	244
Iron, Total	mg/l	221
Zinc, Total	mg/l	8.32
Arsenic, Total	mg/l	0.060
Copper, Total	mg/l	0.168
Lead, Total	mg/l	0.161
Chromium, Total	mg/l	0.022
Cadmium, Total	mg/l	0.1754
Silver, Total	mg/l	0.0208
Mercury, Total	mg/l	0.002

and wastes containing other chemical or other matter detrimental to the operation of a sewage treatment plant or sanitary sewers causing erosion, corrosion or deterioration in sewers, equipment and structures of a sewage treatment plant.

- g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Authority in compliance with applicable state or federal regulations.
- h. Quantities of flow, concentrations, or both which constitute a "slug" as defined herein.
- i. Waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment processes employed, or are amenable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
- j. Any water or wastes which, by interaction with other water or wastes in the public

sewer system, release obnoxious gases, form suspended solids which interfere with the collection system, or create a condition deleterious to structures and treatment processes.

- 7.07 If any waters or wastes are discharged or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 7.06 hereof, and which in the judgment of the Authority, may have a deleterious effect upon the wastewater facilities, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Authority may:
- a. Reject the wastes,
 - b. Require it to be treated to an acceptable condition for discharge to the public sewers,
 - c. Require control over the quantities and rates of discharge, and/or
 - d. Require payment to cover added cost of handling and treating the wastes not covered by existing rates or charges. When considering the above alternatives, the Authority shall give consideration to the economic impact of each alternative on the discharges. If the Authority permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval by the Authority.
- 7.08 Grease, oil and sand interceptors shall be provided by the Property Owner when, in the opinion of the Authority, they are necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts, as specified in Section 7.07 (c) hereof, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Authority, and shall be located as to be readily and easily accessible for cleaning and inspection. In the maintenance of such interceptors, the owner shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of the dates, and means of disposal which are subject to review by the Authority. Any removal and hauling of the collected materials not performed by owner's personnel must be performed by currently licensed waste disposal firms.
- 7.09 Where pretreatment or flow equalizing facilities are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.
- 7.10 When required by the Authority, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such structure, when required, shall be accessibly and safely located and shall be constructed in accordance with plans approved by the Authority. The structure shall be installed by the owner at his expense and shall be

maintained by him so as to be safe and accessible at all times.

- 7.11 The Authority may require a user of sewer services to provide information needed to determine compliance with this Section VII. These requirements may include:
- a. Wastewaters discharge peak rate and volume over a specified time period.
 - b. Chemical analyses of wastewaters.
 - c. Information on raw materials, processes, and products affecting wastewater volume and quality.
 - d. Quantity and disposition of specific liquid, sludge, oil, solvent or other materials important to sewer use control.
 - e. A plot plan of sewers of the user's property showing sewer and pretreatment facility location.
 - f. Details of wastewater pretreatment facilities.
 - g. Details of systems to prevent and control the losses of materials through spills to the municipal sewer.
- 7.12 All measurements, tests and analyses of the characteristics of waters and wastes to which reference is made shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association. Sampling methods, location, times, durations and frequencies are to be determined on an individual basis subject to approval by the Authority.
- 7.13 No statement contained in this Section shall be construed as preventing any special agreement or arrangement between the Authority and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Authority for treatment.
- 7.141 The Manager and other duly authorized employees and/or agents of the Authority bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling and testing pertinent to discharge to the community system.
- 7.142 The Manager or other duly authorized employees and/or agents of the Authority are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source of discharge to the wastewater collection system. The company may withhold information considered confidential. The company must establish that the revelation to the public of the information in question might result in an advantage to competitors.

7.143 While performing the necessary work on private properties, the Manager or duly authorized employees and/or agents of the Authority shall observe all safety rules applicable to the premises established by the company, and the company shall be held harmless for injury or death to the Authority employees, and the Authority shall indemnify the company against loss or damage to its property by Authority employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions.

7.144 The Manager and other duly authorized employees and/or agents of the Authority bearing proper credentials and identification shall be permitted to enter all private properties through which the Authority holds an easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the wastewater facilities lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of such easement pertaining to the private property involved.

SECTION VIII - METERS - SEWAGE SERVICE

8.01 Where a premises is furnished sewage and not water service the Authority may require the installation of a meter (at the Owner's expense) to measure water use, said installation to be made in accordance with the manufacturer's instructions. Where the Authority does not require the installation of a meter, the customer may nevertheless install a meter at his expense.

8.02 Meter Tests - All meters shall be accurately tested before installation and thereafter may be periodically tested by the Authority from time to time.

8.03 Seals - No seal placed by the Authority for the protection of any meter, valve, fitting or other water connection shall be tampered with or defaced. It shall not be broken except upon authorization from the Authority or in the presence of an Authority representative. Where the seal is broken, the Authority may remove the meter for testing, at the expense of the customer, even though said meter registers accurately.

SECTION IX - SERVICE

9.01 Types of Service - The Authority may classify sewage service according to types of use, including but not limited to the types defined as follows:

9.011 Commercial Service shall mean sewage service for premises where the customer is engaged in trade or commerce or in manufacturing or processing industries.

9.012 Domestic or Residential Service shall mean sewage service for residential premises.

9.013 Municipal or Public Service shall mean sewage service to the Township of Center and the Borough of Homer City, Indiana County, Pennsylvania.

9.014 School Service shall mean sewage service to public or private schools.

9.02 Termination of Service

9.021 By Customer - Any customer may terminate his active service contract with the Authority upon giving written notice thereof to the Authority. Service shall be terminated upon the lapse of a reasonable time to permit the Authority to attend to details of such termination. The customer shall remain liable for active service to the premises described in this application until the Authority has received written notice service has taken effect, as stated above. The termination of active service does not relieve the property owner of making payments of the minimum charges established for unoccupied premises, if the premises has become unoccupied.

9.022 Termination of service by the Authority for nonpayment of a bill or violation of these Rules shall not cancel the application for service nor constitute a waiver of this rule, nor constitute a waiver for payment of bills as required under inactive service.

9.023 By Authority - Active service may be discontinued for any of the following reasons:

- a. Misrepresentation in the application.
- b. The use of service for or in connection with or for the benefit of any other premises or purposes other than those described in the application.
- c. Failure to maintain in good order the building sewer connection and fixtures owned by the applicant.
- d. Failure to maintain in good order the service line extensions and connections and fixtures owned by the applicant.
- e. Tampering or in any other way interfering with any service pipe, meter, with any seal or other fixtures and appurtenances of the Authority.
- f. Refusal of reasonable access to the premises for purposes of inspecting the piping, fixtures and sewer system appliance therein.

- g. Neglecting or refusing to make or renew advance payments where required, or for nonpayment of sewage service, or for any charge accruing under the application.
- h. Termination of the contract by the customer.
- i. Premises where the use of water reduces the capacity of the sewers to such an extent that normal service to others is impaired, this condition relating to sewerage service.
- j. Premises where the character of the wastes is detrimental to the sewer or is not in accordance with the requirements set forth herein.
- k. Premises where apparatus, appliances or equipment using sewers is dangerous, unsafe and not in conformity with any laws or the Rules and Regulations.
- l. Nonpayment of a sewage bill.

9.03 Renewal of Service After Discontinuance - Service may be renewed under a proper application when the conditions under which such service was discontinued are corrected, and upon the payment of all proper charges or amounts due from the applicant provided in the Schedule of Rates or Rules of the Authority.

SECTION X - CHARGES FOR SEWAGE SERVICES

10.01 Charges for Active Service - All charges for sewage services furnished by the Authority will be based on the published Rate Schedule of the Authority. The sewer usage charges shall be based on the quantity of water used on or in said premises, as the same may be measured by meters or based on the number and type of fixtures, or based on flat rates, or based on unit charges, or such other methods, all as approved subject to conditions and to the requirements and rates set forth in the Rate Schedule, and in general, in accordance with the following:

10.011 Normal Charges – 1) Each premises will be subject to a fixed monthly charge for debt service and 2) for sewage usage billed normally according to water use. Debt Service charges are based subject to the EDU's established for each premise according to user type as defined in these Rules and Regulations. The debt service charge shall be non-abatable for non-users of water.

10.013 Surcharge for Certain Industrial Wastes - The Authority may exercise the right to levy and assess against applicable premises a surcharge, or surcharges, for the handling and treatment of abnormal industrial, commercial and other such wastes.

The surcharge represents an apportionment of the cost for handling any excess load imposed on the sewage treatment plant by wastes stronger than normal sewage and of the additional costs of maintaining and operating the public sewerage system. The basis of such charges shall be as set forth in the Schedule of Rates and the attached discharge limits.

10.014 The surcharges will be added to the normal sewage service charge and shall be subject to the same penalties applicable to other charges.

10.015 The strength of wastes subject to a surcharge, or surcharges, shall be determined periodically by the Authority. The frequency and duration of the sampling period shall be subject to determination by the Authority, and shall be such as will permit reaching reasonably reliable conclusions as to the average composition of such wastes, exclusive of storm water run-off, if any. The manholes or other facilities required for sampling shall be constructed at the cost of the owner and/or tenant, and shall be constructed as previously set forth.

10.016 The samples will be collected by a representative of the Authority, such samples to be collected in proportion to the flow of wastes, exclusive of storm water run-off, if any, and to be composited for analysis. The procedures and analyses will be in accordance with the latest edition of Standard Methods for Examination of Water and Sewage, as published by the American Public Health Association.

10.017 The characteristics and strength of the wastes as determined by analyses, shall be used to determine the applicability of the surcharge or surcharges, and used as bases for establishing the amount of the surcharge or surcharges. The Authority may assess the costs of conducting flow measurements and making the chemical and other tests against the owner and/or tenant of the premises.

10.018 The Authority may, at its option, accept the results of routine sampling and analyses by the producer of said wastes.

10.02 Charges for Inactive Sewage Service - The monthly debt service charge based on the premises EDU's, as set forth in the Schedule of Rates, will be made against all vacant premises that are provided with a sewer service line.

10.03 Connection Fee is the fee charged to a user for the access and use of the sanitary sewer system. Connection fees are calculated according to the anticipated sewage usage (i.e. EDU) and user type.

10.04 Tapping Fee is the charge for the actual cost of the connection to the sewer main and the wye and pipe extending to the property line, including any road restoration.

- 10.05 All new connections to the system shall be subject to such connection charges and tapping fees currently in effect. Where the service line has been installed, the premises shall be subject to such connection charges and tapping fees currently in effect unless said connections are made pursuant to a contract between the Authority and a private person providing refunds of tapping fees, in which case the tapping fees set forth therein shall be charged.
- 10.06 All connection charges and tapping fees for sewerage systems must be paid in advance. The Authority shall have the right to discontinue sewer service for nonpayment of either sewage connection charges or tapping fees.

SECTION XI - BILLS AND PAYMENT

- 11.01 Bills Rendered and Due All bills for sewage service will be rendered at the end of the service period and will be rendered on a monthly basis.
- 11.02 Bills may be paid in person at the Authority Office, at any paying agency of the Authority during regular business hours, or by mail.
- 11.03 The Authority will receive meter readings, or estimates monthly. Bills will be rendered as soon as practicable after the receipt of the respective meter information.
- 11.04 All bills shall be due and payable upon the date of presentation, and if not paid within 20 days after that date, a penalty of 10% will be added to such bills. Acceptance or remittance of bills on the last day of this 20-day period shall be determined as evidenced by the postmark of the United States Postal Service.
- 11.05 Except in cases where the customer or rate payer is a landlord, the following procedures will apply to the termination of service for the nonpayment of any delinquent bill for sewage service.
- 11.06 Within 10 days after a bill shall have become delinquent, a delinquent notice shall be mailed to the customer demanding payment and stating that failure to pay the delinquent bill may result in the termination of service.
- 11.07 If the bill remains unpaid, a second delinquent notice shall be mailed to the customer and shall be posted at the main entrance to the premises. The second delinquent notice shall contain the following information:
- a. The date on which the notice is rendered;
 - b. The date on which service will be discontinued, which date shall not be earlier than 10 days after the date of such notice;
 - c. A brief statement that if the customer wishes to protest or otherwise challenge the charges or the termination of service, the customer is entitled to have a conference with the Office Manager of the Authority before service is

terminated by writing or telephoning the Authority; and

- d. The address and telephone number of the Authority.
- 11.08 If the customer shall fail to pay the delinquent bill within the time specified in the second delinquent notice and unless the dispute is resolved as a consequence of the protest procedure, the Authority shall shut off the supply of water to the customer's property.
- 11.09 Notwithstanding the forgoing provisions of this Section 11.05, nothing contained herein shall result in the shutoff or denial of sewage service to any lessee of a property because of a previous lessee's failure to pay charges for sewage service.
- 11.10 Where the customer or rate payer is a landlord, service shall be discontinued only in accordance with the provisions of the Utility Service Tenants Rights Act, Act No. 299 of the 1978 Pennsylvania General Assembly, a copy of which is appended hereto and marked Appendix C.
- 11.11 If service is discontinued, it will not be restored until all unpaid bills and charges including the turn-on charges, deposits, minimum and such other charges are paid, or satisfactory arrangements made for payment. The amounts of the turn-off charges, including turn-off charges not set forth herein, shall be as set forth in the Rate Schedule governing furnishing of sewage services.
- 11.12 Notwithstanding the definition of the owner, tenant, and customer, as set forth in Section II hereof, and notwithstanding that the customer, applicant or contractor entering into an agreement with the Authority for the use of sewage services, was not the owner of the premises served by the Authority, the owner of the premises shall be liable in personam and in rem for all sewage services rendered to said premises. The Authority may discontinue service as previously set forth, and in addition thereto, file suit in assumpsit against the owner, tenant and customer, severally or jointly, and may use any other remedy provided by law for the collection of delinquent bills, and in addition, file a municipal claim against the said property. The Authority may use any or all of the remedies so provided by law and the use of any one remedy shall not preclude the use of the Authority's other rights and remedies.
- 11.13 Termination of Water Service for Nonpayment of Sewage Service Bill - The water service will be terminated for nonpayment of sewage service bills in premises receiving both water and sewage service even though the bills for water services are paid, the premises being subject to minimum charges regardless of such termination.

SECTION XII – SEWER EXTENSIONS TO SERVE EXISTING DEVELOPED AREAS

- 12.01 General – The Authority shall, in its discretion, provide sewer line extensions to existing developed areas, not provided with sanitary sewerage service, within its service area to

those who may apply for such service. Such extensions shall be made in all cases in which public convenience and necessity require the service, construction problems are not unusual or burdensome, and the extension appears to be economically feasible.

- 12.02 Authority's Responsibility of Cost – The Authority will, upon request for sanitary sewer service by a group of prospective customers located in the same existing developed area, determine the necessary size of main required to give service and make an estimate of the cost of the proposed extension including sewer line, manholes, fittings, and all other necessary materials including other costs such as labor and permits. The length of the extension required shall be that length required to extend from the existing developed area to the nearest main having sufficient capacity to provide service.

Where the cost of the extension does not exceed three and one-half (3 ½) times the estimated normal annual revenue from prospective customers whose service lines will be immediately connected directly to the extension and from whom the Authority has received application for service upon forms provided by the Authority for this purpose, the Authority will install, at its own cost and expense the necessary extension, provided that the patronage or demand will be of such permanency as to warrant the capital expenditure involved.

- 12.03 Extensions Subject to Customer Cost Participation – If the estimated cost of the proposed extension required in order to furnish general sewer service exceeds three and one-half (3 ½) times the Authority's estimate of immediate normal annual revenue, such extension will be made if the applicants or the applicants' authorized agent shall contract for such extension and shall deposit in advance with the Authority the estimated cost of the extension over and above the Authority's responsibility of cost.
- 12.04 Adjustment of Cost of Extension – Should the actual cost of the extension be less than the estimated cost, the Authority will refund the difference as soon as the actual cost has been ascertained. When the actual cost of the extension exceeds the estimated cost, the Authority will bill the depositor for the difference between the estimate and the actual cost with payment to be made within ten (10) days of receipt of the cost difference from the Authority.
- 12.05 Cost Estimating of Sewer Line Extensions – In estimating the cost of an extension the estimate shall be based upon the sewer line diameter required to serve the number of customers in the existing developed area. If the Authority so desires to install a sewer line of larger diameter to provide for further extensions of its sewer system from and beyond the limits of the proposed extension, the Authority shall be responsible for the cost difference of the sewer line installed and that sewer line size required to service the existing developed area. The length of the sewer line extension shall be from the existing main sewer line having the capacity to transport the additional sewage flow to adequately serve the last property to be served at a proposed extension.
- 12.06 Right-of-Way – If the construction of a sewer line extension involves the uses of private right-of-way, then the prospective customers shall secure the right-of-way and deliver same to the Authority free of costs prior to the start of construction. If however, the prospective customers cannot secure the right-of-way and the construction of the

extension involves the Authority incurring expense for the right-of-way either by purchase or condemnation, such costs shall be added to the total cost of the extension.

SECTION XIII - SEWERLINE EXTENSIONS AND SYSTEMS INCLUDING TREATMENT WORKS

- 13.01 General - No sewers shall be extended from the sewers of the Authority, and no sanitary sewerage systems and/or treatment works shall be constructed or other work done without prior written approval of the Authority, permits from the Department of Environmental Protection of the Commonwealth of Pennsylvania, and permits, licenses and/or approvals as required from all Federal, State, County and local agencies are obtained.

The work shall be done in accordance with these Rules and Regulations, and other applicable requirements. Any work in areas outside the service area involving facilities served by the Authority and/or facilities extended into adjoining municipal subdivisions shall be in accordance with the aforesaid requirements and any higher standards as may be established by the municipal subdivision in which the work is located.

The applicant must prepare at his cost all contract plans and specifications, right of way plans and contract documents, and prepare at his cost other material which may be required to obtain permits, licenses and/or other approvals and to prepare the applications relative thereto and shall pay all related fees. The plans and reports shall be stamped with the seal of a Registered Professional Engineer surveyor or other registered qualified professional with the prior approval of the Board.

13.02 Regulation Relative to Sewerage

13.02.1 General - The construction of all sewerage and sewage treatment plant facilities shall be subject to the applicant, owner and/or developer obtaining at his cost all permits and approvals required by Federal, State, County and other agencies. No applications for such permits shall be submitted until preliminary approval of the project is obtained from the Authority. All permits shall be obtained in the name of Central Indiana County Joint Sanitary Authority.

13.02.2 Borough, Township, Authority and Others - All procedures and work must be in accordance with all applicable Ordinances and regulations of the Township and Borough, and all Rules and Regulations of the Authority, as amended and supplemented from time to time. The work and plans relative to sewerage must comply with all township and Borough subdivision and other ordinances and regulations including the obtaining of highway occupancy permits in the name of the Authority.

- 13.03 Application for Approval of Sanitary Sewerage Systems - A written application on the forms

furnished by the Authority, unless otherwise indicated, must be submitted for the approval of a sewer line extension, sanitary sewerage system, including pumping stations and treatment facilities, and/or other work, and the obtaining or furnishing sewage service therefrom.

The application shall be signed by the owner or owners, shall be subject to the Authority's Rules and Regulations, and shall not be approved until an agreement has been executed by the owner and the Authority. All applications for sewage service must be accompanied by plans, documents, reports and other materials as may be required by the Authority. The submission of the application must be in strict accordance with the Rules and Regulations of the Authority.

13.04 Procedure for Submission of Reports and Plans

13.04.1 General - The applicant shall submit preliminary plans and reports to the Authority for general review and recommendations followed by application, final plans and reports. The general design of all proposed sewerage facilities shall be in complete compliance with the requirements of the Department of Environmental Protection and all applicable Rules and Regulations of the Authority and ordinances of the Township and Borough.

13.04.2 Preliminary Plans - The applicant shall submit preliminary plans and reports, in triplicate, in accordance with the following:

1. A formal letter of request for review and recommendations.
2. A registered professional (as previously indicated) report setting forth a full description of the proposed system and the basis of design. This report must include a statement and description of the extent of area which it is proposed to include within the system at the present time, and in the future; the estimated present and future population to be served; the estimated per capita rates or column of sewage to be provided for; the general character of the sewage and the proportion and nature of any industrial wastes; and such other data and information as the Authority may require.

Where industrial wastes will be treated, all applications for service, regardless of location of the premises, must be accompanied by a detailed report setting forth the quantities and character of the wastes, the proposed rates of discharge and such other facts as the Authority may require. Where industrial wastes will be treated, all applications for service, regardless of location of the premises, must be accompanied by a detailed report setting forth the quantities and character of the wastes, the proposed rates of discharge and such other facts as the Authority may require.

The report must include a detailed summary of the drainage areas and

areas to be served; the sewerage system, showing sizes of sewers, distances between manholes, grades, capacities and future ultimate flows in main and intercepting sewers; and, if treatment facilities are to be constructed, a summary of dimensions, sizes, capacities and all pertinent data relative to each unit, types and capacities of all equipment, general plant and operating descriptive data, total plant capacities and such other data as may be required; and, if pumping equipment, the type and size of motors, types and capacities of comminuting equipment and screens, descriptions of other equipment, sizes, capacities and other data relative to wet and dry wells, descriptions of operation and other data.

3. Preliminary Plans showing the following:

Sewers -Layout of all sewers and manholes, showing sizes, distances between manholes and type of sewers. Design features should be submitted at least in sketch form for special conditions, inverted siphons and such other features.

Pump Stations and Treatment Plants - Plans showing property lines, general plant layout, dimensions, types and sizes of all equipment, hydraulic profile and other pertinent features.

4. Outline specifications for pumping stations and sewage treatment plants and description of proposed materials and equipment.

13.04.3 Final Plans and Reports - The applicant shall submit five copies of final plans and reports and other required items, all in accordance with the following:

1. A formal letter of request for final approval, satisfactory to the Authority's solicitor, an agreement and such other documents as may be required.
2. An engineering report prepared by a registered professional setting for the information and data required in the preliminary report. if no revisions or additional data is required, the preliminary report may be suitable as the final report. In addition, the applicant shall prepare all application forms, modules, reports and such other data as required by the Pennsylvania Department of Environmental Protection.
3. All applications, plans, exhibits and supporting data required for submittal to all agencies having jurisdiction in order to obtain licenses, permits and approvals.
4. Final plans prepared by a qualified registered professional showing the following:

Sewers - These plans must show the boundary line of the municipality to be provided sewers; all existing and proposed streets, watercourses, and other salient topographic features; contour lines for intervals of not more than two feet (2'); and the surface elevations (USGS Base) at street intersections and at points where changes of slope occur. The plans must show clearly the locations of all existing underground utilities including sanitary sewer, waterline, storm sewer, gas, electric, phone, cable, etc.

If sewers are proposed for only a part of the natural or artificial drainage areas, there must be indicated upon the plans how it is proposed, in general, to provide sewerage for each of the drainage areas in which it is not at the time planned to provide sewers. In the case of sewer extensions, the plans need show only the section where in sewers are to be extended.

In all cases the plans must clearly show the size of the sewer, the character of the sewer materials, the slope, the elevation at the location of all points of change of slope, the direction of flow, the location of all manholes, flushing manholes, inverted siphons, pumping stations, the elevations of all stream beds, the direction of stream flow, the high and low water elevations of all water surfaces and such other data and showing all profiles. The detailed plans shall include plans of all sewers, regular and special sewer appurtenances, structures of all types and such other features.

Pumping Station and Treatment Plants - These plans shall be completed detailed plans of all phases, including architectural, general, structural, mechanical, plumbing heating and ventilating, electrical and other work, prepared in accordance with sound engineering practice. These plans shall show property lines of all sites, existing and proposed connections, existing and proposed utilities, roadways, drainage facilities and all physical features. The plans shall provide for complete fencing of all pumping stations and treatment plants and other such facilities.

5. Complete detailed specifications for all work and other contract documents.

13.04.4 Plan Preparation - All final plans must be uniform in size and in accordance with requirements set forth in the Sewerage Manual of the Pennsylvania Department of Environmental Protection.

The plans shall be prepared on sheets 24 by 36 inches in size, with a one-inch border on the left side and a one-half inch border on all other sides. A three by five inch title block shall be located in the lower right hand corner.

The general plan shall be on a scale not smaller than 300 feet to one inch,

preferably, and not more than 100 feet to one inch. All other plans shall be drawn to a scale to permit all necessary information to be shown plainly. Sewer plan profiles shall be on a horizontal scale of not more than 50 feet to the inch and a vertical scale of not more than 10 feet to the inch, and plan views of sewers shall be drawn to the same scale as the profile view.

13.04.5 As-Built Plans - Subsequent to completion of the work, the applicant shall submit as-built plans to the Authority. No service will be furnished or permitted to be furnished until as-built plans are submitted and approved.

13.05 Responsibility for Cost - The cost of all sanitary sewerage systems and related costs shall be borne by the applicant requesting approval thereof.

The cost of such work shall include the following:

1. The cost of all sewer lines of the size required for the project, none to be less than 8" in size, of all manholes and other sewer appurtenances in accordance with details and requirements of the Central Indiana County Joint Sanitary Authority.
2. The cost of connections to existing sewers.
3. The cost of all pump stations and treatment facilities, of all grading, landscaping, fencing and other work.
4. The cost of all land and rights of way, the rights of way and land to be conveyed to the Authority.
5. The cost of obtaining all permits, licenses and such other approvals.
6. The payment of a minimum of 10%, subject to the size and type of facilities, of the total construction costs to defray all legal, engineering and overhead costs of the Authority, if the project is to be designed and constructed by the Authority. All such costs in excess of said payment also must be paid by the applicant. The payment of a minimum of 10% of the total construction costs to defray Authority costs for the review of the plans and specifications, field work, if any, legal work, including the preparation of agreements with the Authority, administrative and such other costs in connection with the project if it is designed and constructed by the applicant.
7. The cost of a resident engineer or inspectors furnished by the Authority to supervise and/or inspect construction of the project or projects. Such costs shall be the per diem rate currently in effect, plus mileage costs and expenses. If the initial payment referred to in Item 6 becomes exhausted, additional deposits shall be made in advance for two months estimated costs, and continued each two months until completion of inspection work. Such cost shall be adjusted as required at the conclusion of the project.

8. The payment of all tap in, sewage treatment and connection and other fees.

13.06 Agreement - The applicant shall enter into an agreement with the Authority, prior to final approval for and the commencement of any work; the agreement shall include but may not be limited to the following:

1. The cost of all work shall be paid by the applicant or owner, except as otherwise indicated.
2. The materials and workmanship shall be in accordance with the requirements of the Authority.
3. The ownership title to all sewer collection system shall be conveyed to and vested in the Authority, including easements, sewer lines, pumping and all related facilities.
4. The Authority shall have the right to make further extensions beyond or laterally from all sewers, such extensions not to be considered as connections subject to any refund, and the right to enlarge or improve sewage treatment facilities.
5. Refunds, at the option of the Authority, may be paid to the applicant for additional new customers abutting on and connected directly to the sewers installed but subject to such conditions as set forth herein, or as agreed upon and to a limited number of years. Refunds are to be made only from monies received from other customers excluded from the scope of the initial project for the privilege of obtaining service from the extension.
6. Treatment works will not be accepted by the Authority for operation until the satisfactory operation of the facilities is assured.
7. The applicant shall provide permanent 20-foot wide easements, or the width as required, in all plans of lots for all sanitary sewers, and for future extensions as required by the Authority. For sewers, and for future extensions as required by the Authority. For sewers to be constructed outside the lot of a subdivision plan, the applicant shall obtain all required permanent easements at least 20 feet in width. All easements shall be obtained and provided at the cost of the applicant and conveyed to the Authority prior to requesting final approval of the work.
8. The applicant shall provide all insurance, bonds and other such items as required by the Authority.

13.07 Bonds and Insurance - The applicant shall furnish, at his cost, all bonds and insurance as provided herein or as required by the Authority. The general requirements shall include but not be limited as follows:

1. Performance and Labor and Material Bonds

The applicant with whom an agreement is executed shall furnish a bond with surety in the full amount of the project construction cost or contract price, conditioned for the faithful performance of the work in accordance with all the terms and provisions of the agreement, and a separate labor and material bond with surety in the same amount, conditioned as provided by the Act of Assembly of the Commonwealth of Pennsylvania and containing the specific provisions therein set forth. He shall furnish such other bonds, each with surety, as may be required by the Authority. The surety of such bonds shall be a duly authorized surety company to do business in the Commonwealth of Pennsylvania.

2. Maintenance Guarantee and Bond

The applicant shall agree for himself, his heirs, executors, administrators, successors and assigns to maintain all the work done under this contract in good condition for a period of two years from the date of final acceptance of the same, the Authority being the judge of the condition of the work; and upon the acceptance of the completed work and before the surety which has furnished the performance bond is released, the applicant shall furnish a maintenance bond of an acceptable surety company in the full amount of the final cost to the Authority.

3. Insurance

The applicant shall, following the execution of the agreement, submit to the Authority certificates of insurance in accordance with the following requirements and subject to the approval and acceptance by the Authority:

- a. Workmen's Compensation Insurance - The applicant shall take out and maintain during the life of the agreement workmen's compensation insurance for all of his employees employed on the project and in case any work is sublet, the applicant shall require the subcontractor similarly to provide workmen's compensation insurance for all of the latter's employees, unless such employees are covered by the protection afforded by the applicant.
- b. Public Liability and Property Damage Insurance - The applicant shall take out and maintain during the life of the agreement such public liability and property damage insurance as shall protect him and any subcontractor performing work covered by the agreement from claims for personal injury, including accidental death, as well as claims for property damage which may arise from operations under the agreement, whether such operations be by himself or by any subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall be as follows:

Public liability insurance in an amount of not less than \$100,000 for injuries, including accidental death, to anyone person, in an amount of not less than \$300,000 on account of one accident; and property damage insurance in an amount not less than \$50,000 to any one person and subject to the same limit for each person, in an amount of not less than 4100,000 on account of one accident.

- c. Insurance Covering Special Hazards - Hazards relative to the use of boats or other means of water travel going to or coming from the site, relative to the use of automobiles or trucks on the site or going to or coming from the site, and relative to blasting shall be covered in the same amounts by rider or riders to the public liability and/or property damage insurance policy or policies herein elsewhere required to be furnished by the applicant or by separate policies of insurance.

13.08 Contract Specifications

13.08.1 General - The design, installation and construction of all sewers, pumping stations, sewage treatment plants and other related facilities shall be in strict accordance with the Standards of Construction and Specifications as established by the Authority, with all applicable requirements of the township and as approved by the Consulting Engineer for the Authority.

- 13.09 Inspection of Construction - All construction of sewerage facilities in the township shall be subject to inspection by representatives of the Authority during the progress of the work to assure that such construction is accomplished in accordance with the approved plans and specifications. The costs of such inspection shall be paid by the applicant. At least 10 days prior to starting construction, the applicant shall notify the Authority of the anticipated starting date of his proposed construction and the schedule of operation through completion of the project. At the time of this notification, a meeting shall be arranged between the applicant, the construction foreman and representatives of the Authority to completely review all aspects of the construction project, prior to commencing with construction. No construction will be permitted without such a meeting.

Upon completion of the construction work, a detailed final inspection shall be made by the Authority to determine that the completed facilities have been constructed in accordance with the approved plans and specifications. Approval will not be given by the Authority until all discrepancies and deficiencies revealed by this final inspection have been satisfactorily corrected. Inspection fees as outlined herein and in the Rules and Regulations of the Authority and the township shall be paid by the applicant, as previously indicated.

SECTION XIV - MISCELLANEOUS REGULATIONS

- 14.01 Inspection - Authorized employees of the Authority shall have access to the customer's property at all reasonable hours for the purpose of inspection, repair and/or replacement of service lines, service line extensions, building sewers, manholes and other appurtenances; inspection, setting, reading, observation, measurement, sampling and testing of sewage or

industrial wastes; and all such justifiable purposes.

- 14.02 The Authority shall have the right to make such excavations as are required for the proper execution of the work.
- 14.03 Turn-on Charge - A turn-on charge, currently in effect, shall be paid when water has been turned off because of an unpaid bill; for violation of the terms of the application or Rules of the Authority; or at such other times as service has been suspended at the customer's request. This Regulation relates only to turn-on and turn-off charges and does not affect the regulations relative to minimum charges for inactive services.
- 14.04 Interference with Authority's Property - No workmen, owner or tenant, or other unauthorized person shall break the seals, or otherwise interfere with the Authority's property, or do work on service line connections, service line extensions, building sewers and such other facilities, except in accordance with requirements as previously set forth. The violation of the foregoing may result in termination of service, at the option of the Authority.
- 14.05 For unauthorized operation of building sewer installation, the person owning the premises served by the line connection to said street service connection shall be required to pay \$50 and any cost required in connection with damage to these facilities, and continuation of service is subject to such payment, although service may be terminated as previously set forth.
- 14.06 No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is part of the Authority's sewage facilities, including the water, building sewers and such other service facilities. Any person violating this provision of these Rules and Regulations shall be subject to immediate arrest under applicable provisions of the Pennsylvania Criminal Code.
- 14.07 Only Rules Binding - No agent or employee of the Authority shall have the power to bind the Authority by any promise, agreement or representation not provided for in these Rules and Regulations without approval of the Board of the Authority.
- 14.08 Service of Notices - All notices and bills relating to the Authority or its business shall be deemed to have been properly served if left upon the premises of the customer, or if mailed to the customer, directed to or left at the address as shown on the records of the Authority.
- 14.09 The Authority will send all such notices and bills to the address given on the application for sewage service until a notice of change of address, in writing, has been filed with the Authority by the application.
- 14.10 All notices of general character, affecting or likely to affect a large number of customers, shall be deemed to have been properly given or served if advertised in the newspaper designated by the Authority.
- 14.11 The Authority will send notices and bills with respect to inactive service to the owner of the property involved, all such properties being subject to minimum charges and to liens for

non-payment of all applicable minimum charges.

- 14.12 The Authority will send notices and bills with respect to non-payment of bills by tenants prior to shut-off notice, to the owner of the property involved for non-payment of bills, such owners being responsible for payment thereof.
- 14.13 Complaints - Complaints concerning service or of bills rendered must be made in writing and delivered to the main office of the Authority.
- 14.14 Service not Guaranteed - Nothing in these Rules, nor any contract, nor representation, verbal or written, of the Authority or any of its employees shall be taken or construed in any manner to be or constitute a guarantee to furnish unreasonable sewer capacities or facilities, whether for domestic, commercial industrial, manufacturing or other general uses for any other special purposes; but the Authority will at all times and under all conditions endeavor to maintain the efficiency of its service.
- 14.15 Commonwealth of Pennsylvania Bills for Sewage Service - The Commonwealth of Pennsylvania and any agency thereof is entitled to a 30-day period from the due date of any bill, within which it may pay for sewage service without the imposition of a penalty.
- 14.16 Penalties - Any person found to be violating any provision of these Rules and Regulations shall be served by the Authority with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violation.
- 14.17 Any person violating any of the provisions of these Rules and Regulations shall become liable to the Authority for any expense, loss or damage occasioned the Authority by reason of such violation.
- 14.18 Privately Owned Sewerage Systems - Any of the preceding Rules and Regulations relating to design criteria, construction and installation specifications, advance deposits and the payment of costs and expenses incurred by the Authority, including but not limited to costs and expenses for the review of plans and specifications, resident engineering and inspection and legal services shall apply to all privately owned sewerage and within the jurisdiction of the Authority.