

**SEWER DEPARTMENT  
RULES, RATES AND REGULATIONS OF  
ELIZABETHVILLE AREA AUTHORITY**

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**RULES, RATES AND REGULATIONS  
OF  
ELIZABETHVILLE AREA AUTHORITY  
SEWER DEPARTMENT**

These Rules and Regulations are a part of the contract with every consumer who uses the sewer facilities and every such consumer, by utilizing the facilities, agrees to be bound thereby.

**Section I – Definitions**

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

**1.01** “Authority” means Elizabethville Area Authority, a Pennsylvania municipality authority.

**1.02** “B.O.D.” (Biochemical Oxygen Demand) means the quantity of oxygen expressed in ppm, utilized in the biochemical oxidation of organic matter under standard laboratory procedure shall be that found in the latest edition of “Standard Methods for the Examination of Water and Wastewater” published by the American Public Health Association.

**1.03 CLASSIFICATION OF CUSTOMERS:**

- a. RESIDENTIAL: Generates sewage originating from a “Dwelling Unit”.
- b. COMMERCIAL I: A commercial establishment that generates sewage that is essentially residential in nature.
- c. COMMERCIAL II: A commercial establishment that generates sewage with constituents that are not entirely residential in nature.
- d. INDUSTRIAL: Generates sewage originating from an industrial establishment.
- e. INSTITUTIONAL: Generates sewage originating from an institutional establishment.

**1.04** ”Commercial Establishment” shall mean any structure or any portion thereof intended to be used wholly or in part for the purpose of including but not limited to carrying on a trade, business, or profession or for social, amusement, religious, educational, charitable, or public uses, and which contains plumbing for kitchens, toilet, or washing facilities, excluding Dwelling Units.

- 1.05** “Dwelling Unit” means any room, group of rooms, house, trailer or other enclosure occupied or intended for occupancy as separate living quarters by a family or other group of persons living together or by persons living alone.
- 1.06** “Equivalent Dwelling Unit” – hereinafter referred to as “EDU” shall mean:
- a. A building (including a mobile home) under one roof and occupied by one family or business; or
  - b. A combination of buildings in one enclosure or group and occupied by one family or business; or
  - c. One side of a double building or house having a solid vertical partition wall; or
  - d. Each room or group of rooms in a building occupied or intended for occupancy as a separate business or as separate living quarters by a family or other group of Persons living together, or by a Person living alone; or
  - e. Each apartment, office or suite of offices in a building or house having several such apartments, offices or suites of offices and using in common one or more hallways and one or more means of entrance.
  - f. As described in Attachment “C” for non-residential establishments.
- a. “Sewer main” means the sewer collection lines that conveys the sewer to the sewer plant.
- 1.07** “Sewage System” means all facilities, as of any particular time, for collection, pumping, treating and/or disposing of Sanitary Sewage and/or Industrial Wastes, situate in the Borough of Elizabethville, and the Township of Washington, Dauphin County, Pennsylvania, to be constructed, acquired, owned, maintained and operated by the Authority for rendering sewage service in said Borough of Elizabethville and Township of Washington.
- 1.08** “Suspended Solids” means suspended solids as determined pursuant to the procedure set forth in the latest edition of “Standard Methods of the Examination of Water and Wastewater”.
- 1.09** “Improved Property” means any property upon which there is erected a structure intended for continuous periodic habitation, occupancy or use by human beings or animals and

from which structure Sanitary Sewage and/or Industrial Waste shall be or may be discharged.

- 1.10 “Industrial Establishment” shall mean any Improved Property used or intended for use, wholly or in part, for the manufacturing, processing, cleaning, laundering, or assembling of any product, commodity or article, or any other Improved Property from which wastes, in addition to or other than Sanitary Sewage shall be discharged.
- 1.11 “Industrial Wastes” means any solid, liquid or gaseous substance or form of energy, rejected or escaping in the course of any industrial manufacturing, trade or business process or in the course of the development, recovery or processing of natural resources, as distinct from Sanitary Sewage.
- 1.12 “Institutional Establishment” shall mean any room, group of rooms, building or other enclosure connected directly or indirectly to the Sewer System which does not constitute a Commercial Establishment, a Dwelling Unit or an Industrial Establishment.
- 1.13 “Owner” means any person vested with ownership, legal or equitable, sole or partial, of any Improved Property.
- 1.14 “Person” means any individual, partnership, company, association, society, corporation or other group or entity.
- 1.15 “pH” means the logarithm of the reciprocal of the concentration of hydrogen ions, expressed in grams per liter of solution, indicating the degrees of acidity or alkalinity of a substance.
- 1.16 “ppm” means part per million by weight.
- 1.17 “Sanitary Sewage” means normal water-carried household and toilet waste from any Improved Property.
- 1.18 “Sewer Lines”
  - b. “Building sewer” means that portion of a sewer line that extends from the building to the sewer lateral at the property line.
  - c. “Sewer lateral” means that portion of the sewer line that extends from the property line and connects the building sewer to the main sewer line.

## **Section II – Sewer Use, Rentals and Charges**

### **2.01 Use of Public Sewer Required**

a. The Owner of any Improved Property accessible to and whose principal building is within 150 feet from the Sewer System shall connect such Improved Property with and shall use such Sewer System, in such manner as this Authority may require, within 90 days after notice to such Owner from this Authority to make such connection, for the purpose of discharge of all Sanitary Sewage and Industrial Wastes from such Improved Property; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Authority, from time to time.

b. All Sanitary Sewage and Industrial Wastes from any Improved Property, after connection of such Improved Property with a Sewer shall be required, shall be conducted into a Sewer; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Authority, from time to time.

c. If the Owner of any Improved Property accessible to and whose principal building is within 150 feet from the Sewer System, after 60 days' notice from this Authority, shall fail to connect such Improved Property, as required, this Authority may enter upon such Improved Property and construct such connection and may collect from such Owner the costs and expenses as well as penalties in the manner permitted by law and consistent with Section XIII.

d. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or shall be maintained at any time upon any Improved Property which has been connected to a Sewer or which shall be required under this section to be connected to a Sewer.

e. Every such privy vault, cesspool, sinkhole, septic tank or similar receptacle in existence shall be abandoned and, at the discretion of this Authority, shall be cleansed and shall be filled, at the expense of the Owner of such Improved Property, under the direction and supervision of this Authority; and any such privy vault, cesspool, sinkhole, septic tank or similar receptacle not so abandoned and, if required by this Authority, not cleansed and filled, shall constitute a nuisance, and such nuisance may be abated, as provided by law, at the expense of the Owner of such Improved Property.

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

**2.02 Imposition of Sewer Rentals and Charges**

a. Sewer rentals and charges are imposed upon and shall be collected from the owner of each improved property which shall benefit from the existence of the sewer system, for use of the sewer system, whether such use shall be direct or indirect, and for services rendered by the Authority in connection therewith.

b. Sewer rentals and charges imposed on each such improved property shall be payable in accordance with the schedule of rates and classifications as set forth on Attachment "A", attached hereto and made a part hereof.

c. If two or more dwelling units, stores, offices, industrial units, etc., are connected to the sewer system through a single lateral or if two or more types of use are made of the same improved property, the sewer rentals and charges, payable hereunder shall be computed as though each such Dwelling Unit, store, office, industrial unit, etc., and each such type of use were a separate improved property or user with a separate connection to a sewer.

d. Additional classifications and sewer rentals and charges or modification of the above schedule of sewer rentals and charges may be established by this Authority from time to time as deemed necessary.

e. Nothing herein contained shall be deemed to prohibit this Authority from entering into separate agreements with owners (including any school) with respect to sewer rentals and charges to be imposed in these cases where, due to seasonable fluctuations or other unusual circumstances, the sewer rentals as set forth herein shall be deemed by this Authority to be unfair or inequitable.

f. Any property owner, upon connection to the sewer system of Elizabethville Area Authority, shall be liable for sewer rental from the date of hookup, and shall be billed in accordance with normal billing procedures of the Authority.

**2.03 Tapping Fees**

No Person shall connect any Improved Property with any part of the Sewerage System without first making application for and securing a permit, in writing, from the Authority or its approved agents.

**a. Connection Fees:**

The Authority does charge a connection fee against the Owner of any Improved Property whenever such Owner hereafter shall connect any such Improved Property with the Sewerage System. Such connection fee is charged for the physical connection, from the main to the curb, of each such Improved Property by the Owner of such Improved Property.

The amount of the connection fee shall be based on the direct cost realized by the Authority for materials, labor, fringe benefits, engineering and legal charges. Unless otherwise approved by the Authority in writing, all work pertaining to the construction from the main to the curb shall be completed by the Authority by subcontract of approved Contractors. All connection fees incurred by the Authority shall be payable to the Treasurer of the Authority or to such other officer or representative of the Authority as shall be authorized, from time to time to accept payment thereof.

Payment of connection fees charged by this Authority shall be enforced by the Authority in any manner appropriate under laws at the time in effect.

**b. Tapping Fees:**

Tapping Fees are assessed on the basis of an Equivalent Dwelling Unit (EDU) calculation wherein each EDU shall be assessed one (1) Tapping Fee.

See Attachments "B" and "C".

**Section III – Time and Method of Payment**

**3.01** All bills for sewer rentals and charges shall be rendered in calendar quarters on the first days of January, April, July and October, respectively, in each year, or on such dates as this Authority by resolution shall specify, and shall cover a quarterly billing period consisting of the immediately preceding three (3) complete calendar months.

All bills for sewer rentals and charges based on estimates of this Authority shall be rendered for each calendar quarter promptly after the estimates are made.

All bills for sewer rentals and charges based upon meter readings shall be rendered promptly after the meters are read and shall cover the period expiring since the previous meter reading.

Owners of existing and/or new improved properties benefiting from the existence and/or use of the sewer system during any calendar quarter shall pay a sewer rental and charge for service on the entire quarter. During a period in which the service is discontinued, the customer shall be liable for the payment of the minimum rate as established by the Authority, in accordance with its then current rate schedule.

**3.02** All bills are due and payable within thirty (30) days of billing date; thereafter, a ten percent (10%) late charge shall be added per quarter.

**3.03** If a sewer bill is not paid within forty (40) days from the billing date, water service will be discontinued. No letter of discontinuance will be issued.

**3.04** Every owner of improved property which is connected to the sewer system initially shall provide this Authority with and thereafter shall keep this Authority advised of the owners correct address.

**3.05** Failure to receive a bill shall not exempt any Owner from payment of such bill and penalties therein. The presentation of a bill to the Owner is only a matter of accommodation and not a waiver of this rule.

#### **Section IV – Installation of Clean-out on Sewer Lateral Line**

**4.01** All new construction being serviced by the Elizabethtown Area Authority must install a 4” clean-out at the curb line. Clean-out must consist of a SDR-35 with a brass cap.

**4.02** Customers who have sewer service only and do not pay their bill timely as provided in Section 3.03 and all new construction will be responsible for the cost of installing a sewer plug and will have their sewer service discontinued. The cost of the sewer plug and installation shall be \$800 and that cost in addition to the delinquent bill amount will be paid to the Elizabethtown Area Authority before sewer service is restored.



**Section V – Prohibited Wastes**

**5.01** No person shall discharge or cause to be discharged any storm water, surface water, spring water, ground water, roof runoff, subsurface drainage, building foundation drainage, cellar drainage, drainage from roof leader connections, overflow of drainage from cesspools, garbage (unless treated in an approved manner), exhaust steamer, any oils, tar, grease, gas, benzine or other combustible gases or liquids or any insoluble solids, inorganic wastes or any other dangerous or harmful substance which can adversely affect any part of the sewer system, into any sewer.

**5.02** This Authority reserves the right to refuse permission to connect to the sewer system, to compel discontinuance of use of the sewer system, or to compel pretreatment of industrial wastes, in order to prevent discharges deemed harmful or to have a deleterious affect upon sewer or sewer systems.

**5.03** No sanitary sewage or industrial wastes shall be discharged to the sewer system.

1. Being harmful sewage or industrial wastes shall be discharged to the sewer system.
2. Being inhibitory to the treatment process at the sewage treatment plant constituting part of the sewer system.
3. Containing any gasoline, benzine, naptha, fuel oil or other flammable or explosive liquids, solids or gases.
4. Carrying fats, oils or grease in excess of 100 milligrams per liter.
5. Being discharged into the sewer system in batches of such volume as to tax the capacity of the sewage collection system constituting part of the sewer system or adversely affecting the treatment process.
6. Being discharged into the sewer system in batches of such volume as to tax the capacity of the sewage collection system constituting part of the sewer or adversely affecting the treatment process.

7. Being of such color or other characteristics as to require special treatment to render the resulting effluent of the sewage treatment plant constituting part of the sewer system acceptable for discharge of the receiving stream.
8. Being food wastes, garbage (unless treated in an approved manner), vegetable or fruit rinds, or paunch manure, feathers, bones, rags or any other solid, fibrous or viscous inorganic or organic substance which the sewer system is not intended to receive.
9. Being of such character, concentration, volume or combination as to tax the capacity of the sewage treatment plant constituting part of the sewer system.
10. Including synthetic organic detergents or similar compounds in such volume as to interfere with the treatment process or the satisfactory operation of the sewage treatment plant constituting part of the sewer system.
11. Including any liquids having a pH exceeding a minimum value of 6.0, or a maximum value of 9.0, or found to be excessively corrosive.
12. Including any waters or wastes with B.O.D. in excess of 400 milligrams per liter.
13. Including any water or wastes with a suspended solids content in excess of 400 milligrams per liter, or containing suspended solids of such character and/or quantity that unusual attention or expense is required to handle and/or treat such material.
14. Including any waters or wastes containing any toxic, poisonous or any other materials in sufficient quantity to cause a hazard in the operation of the sewage system or which may result in an effluent discharge from the treatment plant unacceptable to any governmental body having jurisdiction.

**5.04** Where necessary all owners shall install suitable pretreatment facilities in order to comply with subsection 5.03 of this Section. Plans, specifications and any other pertinent information relating to proposed facilities for preliminary treatment and handling of wastes shall be submitted for approval of this Authority and no construction of any such facility shall be commenced until approval thereof first shall have been obtained, in writing, from this Authority,

and until approval thereof first shall have been obtained from any governmental body having jurisdiction.

**5.05** Whenever facilities for preliminary treatment and handling of wastes shall have been provided by any owner, such facilities continuously shall be maintained, at the expense of such owner, in satisfactory operating condition; and this Authority shall have access to such facilities at reasonable times for purposes of inspection and testing.

**5.06** Nothing contained in this Section, or Attachment A, shall be construed as prohibiting any special agreement or arrangement between this Authority and any person whereby industrial wastes or unusual strength or character may be admitted into the sewer system by this Authority, either before or after preliminary treatment.

**5.07** A surcharge and/or penalties may be imposed pursuant to the provisions set forth in Section 6.08, for any discharge into its system which exceeds the standards set forth herein.

**5.08** Anyone who discharges waste into the Authority systems that is detrimental to the system or causes damage to the system, shall be responsible for all damages caused by such discharge.

## **Section VI – Regulations Governing Admission of Industrial Wastes into the Sewer System and Rentals and Charges Imposed Therefore**

**6.01** No person shall discharge or cause to be discharged into the sewer system any industrial wastes except upon application to this Authority and upon receipt of a written permit therefore by this Authority.

### **6.02 Required Survey Data**

Any person desiring to make or use a connection to the sewer system through which industrial wastes shall be discharged into the sewer system shall file with this Authority an “Industrial Wastes Questionnaire”, to be furnished by this Authority, which shall supply to this Authority pertinent data, including estimated quantity of flow, characteristics and constituents, with respect to industrial wastes proposed to be discharged into the sewer system.

### **6.03 Control Manholes**

Any person who shall discharge industrial wastes into the sewer system, when required by this Authority, shall construct and thereafter properly shall maintain, at his own expense, a suitable

control manhole and other devices as may be approved by this Authority to facilitate observation, measurement and sampling by this Authority of industrial wastes discharged to the sewer system. Any such control manhole, when required by this Authority, shall be constructed at an accessible, safe, suitable and satisfactory location in accordance with plans approved by this Authority prior to commencement of construction.

**6.04 Changes in Type of Wastes**

Any improved property discharging industrial wastes into the sewer system and contemplating a change in the method of operation which will alter the characteristic and/or volume of wastes at the time being discharged into the sewer system shall notify this Authority, in writing, at least ten (10) days prior to consummation of such change.

**6.05 Waste Flow**

This Authority reserves the right to require improved properties having large variations in rates of waste discharge to install suitable regulating devices for equalizing waste flows to the sewer system.

**6.06 Meters**

All owners of improved properties granted permission to discharge industrial wastes into the sewer system shall provide all facilities, including a meter or meters approved by the Authority, necessary to measure and record the volume of discharge of industrial waste.

**6.07 Trash Pumps**

In any area which require the use of a trash pump to pump or force the sewage into a line leading to the Authority mains, it shall be the responsibility of the property owner to provide and maintain such pump.

**6.08 Large Industrial Users:** Defined as any user whose flow is greater than 5% of the annual average daily flow of the Authority's Sewage Treatment Plant.

A. In addition to the restrictions and conditions set forth in Sections V and VI of the Authority's Sewer Rules and Regulations, specific standards and requirements shall apply as hereinafter set forth.

1. The customer will provide adequate documentation which establishes the rated design capacity for any pretreatment processes as required to comply with these regulations. Upon establishing the rated design capacity for pretreatment processes, an average daily flow and a

maximum rate-of-flow will be set which may not be exceeded except as follows or unless otherwise approved by the Authority.

2. The average daily flow may be exceeded as follows: A rate-of-flow between the average daily flow, in gallons per minute, and the maximum rate-of-flow is permitted for a maximum of up to four (4) hours in a 24-hour period. The average rate shall be calculated over the four hour period by taking the rate-of-flow reading at fifteen minute intervals and dividing by the number of readings taken.
3. The Authority will allow the customer to exceed the maximum rate-of-flow limit for up to fifteen (15) minutes provided the operators at the Elizabethville Sewage Treatment Plant receive either advance or simultaneous confirmed notice, i.e., the operator must acknowledge the notification. In no event shall a noncompliance be approved for more than one event in a 24-hour period. The customer is required to obtain the signature of the Elizabethville operator on the respective daily flow charts in order to document the waiver of the flow penalty charge.
4. If any of the above flow-related parameters, as established, are exceeded, a penalty of \$500 for each 24-hour occurrence will be applied.
5. A flow meter with totalizer and chart recorder shall be utilized, which shall be calibrated annually by a certified service representative, and a certificate of calibration submitted to the Authority. Copies of all flow charts will be submitted to the Authority weekly. A wastewater sampler shall be installed in accordance with the manufacturer. The sampler shall be capable of taking flow-proportioned samples. A wastewater sample shall be taken for every 250 gallons of flow, unless otherwise approved by the Authority. The sampler shall be utilized in conjunction with the flow meter.
6. Should the customer discharge any waters or wastes containing any toxic, poisonous or any other materials in sufficient quantity to cause a hazard in the operation of the Sewage System, as advised by the operator and approved by the consultant, or which may result in an effluent discharge from the treatment plant unacceptable to any governmental body having jurisdiction, a \$1,000 penalty will be assessed for each 24-hour period. In addition to the penalty, any costs required to restore the treatment process and any fines or civil penalties levied by the regulatory agencies will be paid by such customer.

In the event that the Authority is levied a fine by the PADEP for instantaneous violations, the customer will pay 1.5 times the amount levied. In the event that the Authority is levied a fine by the PADEP for monthly or weekly violations, the customer will pay the face value of the amount levied. The customer is only responsible for those fines attributable to its industrial influent flow to the Elizabethville Sewage Treatment Plant.

7. The following parameters shall be subject to a surcharge, based on the following maximum concentrations, as follows:

BOD <sub>5</sub> (Biochemical Oxygen Demand)	175 mg/l
SS (Suspended Solids)	175 mg/l
Oil & Grease	25 mg/l
NH <sub>3</sub> (Ammonia Nitrogen)	
Summer (6/1 - 11/31)	30 mg/l
Winter (12/1 - 5/31)	50 mg/l
NO <sub>2</sub> (Nitrite Nitrogen)	10 mg/l

9. Penalty concentrations for BOD<sub>5</sub>, Suspended Solids, Oil & Grease, Ammonia Nitrogen (NH<sub>3</sub>-N), and Nitrite Nitrogen (NO<sub>2</sub>) are as follow:

BOD <sub>5</sub> (Biochemical Oxygen Demand)	250 mg/l
SS (Suspended Solids)	300 mg/l
Oil & Grease	50 mg/l
Ammonia Nitrogen (NH <sub>3</sub> )	

Summer (6/1 - 11/31)

60 mg/l

Winter (12/1 - 5/31)

80 mg/l

NO<sub>2</sub> (Nitrite Nitrogen)

15 mg/l

Penalty Charges have been established to discourage the discharge of pollutants at or above the Penalty Concentrations. Violation of the Penalty Concentrations as determined by analysis of the composite samples will result in a \$600.00 penalty charge per pollutant per day.

#### 10. SURCHARGE FORMULAS

BOD Surcharge Formula = (BOD, mg/l - 175 mg/l) x 8.345 x Flow, Mgal. x \$.67/lb.

Suspended Solids Surcharge Formula = (SS, mg/l - 175 mg/l) x 8.345 x Flow, Mgal. x \$.41/lb.

Oil & Grease Surcharge Formula = (O&G, mg/l - 25 mg/l) x 8.345 x Flow, Mgal. x \$2.04/lb.

NH<sub>3</sub> Surcharge Formula = (NH<sub>3</sub>, mg/l - 50 mg/l) x 8.345 x Flow, Mgal. x \$4.95/lb.

NO<sub>2</sub> Surcharge Formula = (NO<sub>2</sub>, mg/l - 10 mg/l) x 8.345 x Flow, Mgal. x \$4.95/lb.

The unit charges per pound will be assessed annually based on the customer's previous year annual operating data, and modified accordingly.

11. Surcharges will be calculated as follows:

- a. The BOD<sub>5</sub> surcharges will be based on weekly samples taken at the discretion of the Authority personnel. All samples will be 24-hour composite samples extracted during the operational period of the customer's treatment facility. The samples will be analyzed for BOD<sub>5</sub> by a third party analytical laboratory. The sample results will be averaged to determine the representative concentration to be utilized in the BOD<sub>5</sub> Surcharge Formula for the quarter.
- b. The Suspended Solids will be based on daily 24-hour composite samples taken during the operational period of the customer's treatment facility. The

samples will be analyzed for Suspended Solids by the Elizabethtown Area Authority and the customer in accordance with Standard Methods For The Examination Of Water And Wastewater. The sample results, along with the daily flow, will be utilized in the Suspended Solids Surcharge Formula to determine the charge for the day. The operators of the customer's facility and the Elizabethtown Sewage Treatment Plant will compare analytical results on a weekly basis. If a variance of greater than 20% exists based on the weekly average, the samples will be averaged together or a settlement will be negotiated if the discrepancy is of major concern. No credit will be given for samples testing below the surcharge concentration.

- c. The Oil & Grease surcharges will be based on weekly samples taken at the discretion of the Authority personnel. All samples will be 24-hour composite samples extracted during the operational period of the customer's treatment facility. The samples will be analyzed for Oil & Grease by a third party analytical laboratory. The sample results will be averaged to determine the representative concentration to be utilized in the Oil & Grease Surcharge Formula for the quarter.
- d. The NH<sub>3</sub> surcharges will be based on daily 24-hour composite samples taken during the operational period of the customer's treatment facility. The samples will be analyzed for NH<sub>3</sub> by the Elizabethtown Area Authority and the customer in accordance with Standard Methods For The Examination Of Water And Wastewater. The sample results, along with the daily flow, will be utilized in the NH<sub>3</sub> Surcharge Formula to determine the charge for the day. The operators of the customer's facility and the Elizabethtown Sewage Treatment Plant will compare analytical results on a weekly basis. If a variance of greater than 20% exists based on the weekly average, the samples will be averaged together or a settlement will be negotiated if the discrepancy is of major concern. No credit will be given for samples testing below the surcharge concentration.



- e. The NO<sub>2</sub> surcharges will be based on daily 24-hour composite samples taken during the operational period of the customer's treatment facility. The samples will be analyzed for NO<sub>2</sub> by the Elizabethville Area Authority and the customer in accordance with Standard Methods For The Examination Of Water And Wastewater. The sample results, along with the daily flow, will be utilized in the NO<sub>2</sub> Surcharge Formula to determine the charge for the day. The operators of the customer's facility and the Elizabethville Sewage Treatment Plant will compare analytical results on a weekly basis. If a variance of greater than 20% exists based on the weekly average, the samples will be averaged together or a settlement will be negotiated if the discrepancy is of major concern. No credit will be given for samples testing below the surcharge concentration.

12. All costs for third party analytical work will be paid directly to the laboratory by the customer. The customer has the right to refuse payment for laboratory analyses which are not applicable under these regulations and the customer will not be responsible for the payment of both analyses of a split sample.

13. In the event the Authority suspects that the customer's instantaneous flow may contain concentrations which exceed the surcharge limits, a grab sample may be taken for Suspended Solids analysis. At that time, a flow meter reading will be taken and the Authority will notify the customer of the event. The customer will take whatever steps are necessary to bring their discharge into compliance. The "event" will continue until three (3) weekdays of operation have passed during which all parameters are below the surcharge limits. Following these three compliant days, a penalty surcharge will be calculated utilizing the Suspended Solids Surcharge Formula based on the Suspended Solids concentration and the flow discharged to the system during the "event", terminating with the last day of non-compliance.

#### 14. DISCREET SAMPLING

Grab samples of the customer's discharge will be taken daily at the hours of 7:00 P.M., 10:00

A.M., 1:00 A.M., 4:00 A.M. and 7:00 AM.

The grab samples will be analyzed for suspended solids if the composite sample suspended solids test is acceptable yet one or more of the discreet samples appear to exceed the penalty concentration of 300 mg/l. A penalty charge will be assessed in accordance with the following scale, for each discreet sample that exceeds the Penalty Concentration:

<u>% Over Penalty Conc.</u>	<u>Penalty</u>
0 - 25%	\$100
25 - 50%	\$125
50 - 75%	\$150
75 - 100%	\$175
>100%	\$200

The penalties will not exceed \$600 per day.

15. The Authority reserves the right to temporarily terminate sewer service to the customer if the concentration of any sample exceeds the following:

BOD <sub>5</sub> (Biochemical Oxygen Demand)	400 mg/l
SS (Suspended Solids)	400 mg/l
Oil & Grease	100 mg/l
Ammonia Nitrogen (NH <sub>3</sub> )	
Summer (6/1 - 11/31)	80 mg/l
Winter (12/1 - 5/31)	100 mg/l
Nitrite Nitrogen (NO <sub>2</sub> )	25 mg/l

Termination of service will be in the form of plugging the line at the point of discharge.

Any customer that violates any of the above provisions shall be given twenty-four (24) hours to correct the violation(s) or the services may be discontinued.

Any further violations within a ninety (90) day period thereafter shall be cause for the Authority to discontinue services immediately upon discovery of such violation(s) without any further notice to customer.

### **Section VII - Access**

**7.01** This Authority shall have the right to access at reasonable times to any part of any improved property served by the sewer system, as shall be required for purposes of inspection, measurement, sampling and testing and for performance of other functions relating to service rendered by this Authority through the sewage system.

### **Section VIII – Permit For Connection And Vacating The Premises**

**8.01** Before making any connection from the building to the Sewer Lateral, a permit shall be obtained by the Property Owner from the Authority's authorized representative. A permit authorizing such connection may be granted after proper application has been made to the Authority's authorized representative and approved by the Authority and upon payment of the tapping fee. No sewer connection or disconnection shall be made except under the supervision, control, and approval of the Authority's authorized representative. No new connection to the Sewerage System will be permitted unless there is sufficient capacity, not legally committed to others, to adequately convey and treat the Sewage which the new connection would contribute. The Property Owner making application shall be responsible for all Sewer bills and the proper observance of Rates, Rules, and Regulations. When the premises are vacated, the Owner shall give notice to the Authority Office. A new application for service shall be made upon change of owner of an Improved Property, and the Authority may discontinue service until such new application has been made and approved by the Authority.

**8.02** Any industrial discharger must submit information deemed necessary for determination of compliance with these Rates, Rules, and Regulations; NPDES permit conditions; and State

and Federal laws before a permit can be issued. No information provided by an industrial discharger will be released without prior approval of the industrial discharger.

### **Section IX – Sewerage System**

**9.01 Building Sewer Connections:** Unless written permission is obtained from the Authority or its agents, a separate house Sewer will be required for each individual building or house whether constructed as a detached unit or as one of a pair or row, but a single house sewer will be permitted to serve a school, factory, an apartment house, or other permanent multiple unit structure whose individual apartments or units may not be subject to separate ownership.

**9.02 Service Laterals And Building Sewers:** Building Sewers shall be subject at all times to the inspection and approval of the Authority or its representative who shall have supervision and control over the same. Any Building Sewer not so approved shall be relaid at the expense of the Property Owner if ordered by the Authority or its representative. No Building Sewer shall be covered until it has been inspected and approved by this Authority. If any part of a Building Sewer is covered before so being inspected and approved, it shall be uncovered for inspection, at the cost and expense of the Owner of the Improved Property to be connected to a Sewer. If field conditions are such that a gravity connection cannot be met, the Owner reserves the right to install a grinder pump or to eliminate the basement service. The service Lateral will be installed by a qualified Contractor chosen by the Property Owner and approved by the Authority to the curb line and the Building Sewer shall be made, by and at the sole expense of the Property Owner, to the service Lateral heretofore constructed. After completion of construction of the Sewerage System, any additional service Lateral shall be constructed from the street Sewer main to the building by a qualified Contractor chosen by the Property Owner and approved by the Authority and at the sole expense of the Property Owner who has obtained a permit.

**9.03** All saddle connections, approved by the Authority, shall be suitable for the type of pipe encountered and shall be encased in a minimum of six inches (6") of concrete.

**9.04 Pipe and Installation:** All new laterals and building sewers shall be constructed of one of the following types of pipe:

1. POLYVINYL CHLORIDE GRAVITY SEWER PIPE: PVC gravity sewer pipe and fittings shall be constructed using pipe and fittings conforming to current ASTM D-3034-SDR-35 Type PSM Polyvinyl Chloride (PVC). Pipe shall conform to Plastic Pipe Institute Specifications.

PVC Gravity Sewer Pipe Joints: All joints for SDR-35 PVC pipe shall be the push-on type and shall be assembled in accordance with the manufacturer's recommended procedure.

The pipe and fittings shall be joined by an elastomeric rubber gasket, which is the only element depended upon to make the joint flexible and watertight. The gasket shall comply with the physical requirements specified in current ASTM D-3212, and the laboratory performance requirements specified in current ASTM D-3139.

2. DUCTILE IRON PIPE (GRAVITY SEWER PIPE): Ductile iron pipe shall be centrifugally cast, annealed, and manufactured in accordance with the latest revision of A.N.S.I. A21.51. The pipe shall be cement mortar lined inside and bituminous-coated outside. The bituminous-coating shall be in accordance with the requirements of the latest revision of A.N.S.I. A21.51. The cement-mortar lining shall be in accordance with the latest revisions of A.N.S.I. A21.4 (AWWA C104). The minimum wall thickness shall be in accordance with the latest revisions of A.N.S.I. A21.50 (AWWA C150), Class 50, with the exception of the 4" size which shall be Class 51.

Ductile Iron Pipe Joints: All pipe underground shall have mechanical joints or push-on type conforming to the latest revision of A.N.S.I. A21.11 (AWWA C111). Where concrete reaction backings cannot be installed due to other pipes in the area, restrained joints shall be used.

All pipe and installation methods shall conform to the Regulations of the Authority and shall be guarded with barricades to protect the public from hazards, with satisfactory restoration of public property.

**9.05** Disconnection Of Service Laterals: The Authority shall have the right to close or disconnect from the Sewerage System any service Lateral or house Sewer used for carrying rain water, surface water, groundwater or objectionable matter, or whenever any violations of

these Rules and Regulations are committed.

**9.06 Control Of Service:** The Authority shall not be liable for a deficiency or failure of service when occasioned by an emergency, required repairs, or failure from any cause beyond its control. The Authority reserves the right to restrict the use of Sewer service whenever the public welfare so requires or when sufficient capacity is not available. In consideration of the right to connect to the Sewerage System, the Authority shall not be liable for any damage or expense resulting from leaks, stoppages or defective plumbing, or from any other cause occurring to any premises or within any building; and it is hereby expressly agreed by all persons making connection with the Sewerage System that no claims shall be made against the Authority on account of the breaking or stoppage of, or any damage or expense to, any house Sewer where the cause thereof is found to be in such house Sewer.

**9.07 Maintenance By Owner:** All connections, service lines, and fixtures furnished by the Owner shall be maintained by him in good order, and all valves, meters, and appliances furnished and owned by the Authority and on the property of the Owner shall be protected properly and cared for by said Owner. All leaks in the service or any other pipe or fixture in or on the premises supplied must be repaired immediately by the Owner of the premises. Roots entering pipes show open joints or broken pipes and shall be considered as leaks.

**9.08 Authority Not Responsible:** The Authority and its agents shall in no event be responsible for maintaining any portion of the service line or house connection owned by the Owner; or for damage done by water escaping therefrom; or from lines or fixtures on Owner's property; and the Owner shall at all times comply with Authority regulations with reference thereto, and make changes therein, required on account of change of grade relocation of mains, or otherwise.

### **Section X – Building Sewers and Connections**

**10.01** No Person shall uncover, shall connect with, shall make any opening into or shall use, shall alter or shall disturb, in any manner, any Sewer or any part of the Sewerage System without first obtaining a permit, in writing, from this Authority.

**10.02** Application for a permit shall be made by the Owner of the Improved Property served or to be served or by the duly authorized agent of such Owner.

1. An authorized agent will be recognized after an "Authorized Agent" form has been completed and signed by the owner of such property.

**10.03** No Person shall make or shall cause to be made a connection of any Improved Property with a Sewer until such Person shall have fulfilled each of the following conditions:

1. Such Person shall have notified the Authority's authorized representative of the desire and intention to connect such Improved Property to a Sewer.

2. Such Person shall have applied for and shall have obtained a connection permit.

3. Such Person shall have given the Authority's authorized representative at least one week notice of the time when such connection will be made so that this Authority may supervise and inspect or may cause to be supervised and inspected the work of connection and necessary testing.

4. If applicable, such Person shall have furnished satisfactory evidence to the Authority's authorized representative that any tapping (or connection) fee which may be charged and imposed by the Authority against the Owner of each Improved Property who connects such

Improved Property to a Sewer has been paid.

5. All Sewer Extensions shall be constructed in accordance with the Authority's current "Policies for Sewer Main Extensions" and Construction Specifications.

**10.04** Except as otherwise provided in this Section, each Improved Property shall be connected separately and independently with a Sewer through a Building Sewer. Grouping of more than one Improved Property on one Building Sewer shall not be permitted, except under special circumstances and for good sanitary reasons or other good cause shown, but then only after special permission of this Authority, in writing, shall have been secured and only subject to such rules, regulations, and conditions as may be prescribed by this Authority.

**10.05** All storm, surface run-off, or groundwater drains shall discharge to natural outlets or storm sewers and are prohibited from the separate sanitary Sewers.

**10.06** All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer shall be borne by the Owner of the Improved

Property to be connected; and such Owner shall indemnify and save harmless this Authority from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a Building Sewer or of connection of a Building Sewer to a Sewer.

**10.07** A Building Sewer shall be connected to a Sewer at the place designated by this Authority and where, if applicable, the Lateral is provided.

**10.08** The invert of a Building Sewer at the point of connection shall be at the same or a higher elevation than the invert of the Sewer. A smooth, neat joint, using cement, shall be made and the connection of a Building Sewer to the Lateral shall be made secure and watertight. Building Sewer

### **Section XI – Rules and Regulations Governing Building Sewers and Connections to Sewers**

**11.01** Where an Improved Property, at the time connection to a Sewer is required, shall be served by its own sewage disposal system or sewage disposal device, the existing house Sewer line shall be abandoned and a new house Sewer Line shall be constructed from the building to the point of connection with the Sewer System.

**11.02** The Building Sewer material shall be PVC (ASTM D-3034-SDR-35 Type PSM Polyvinyl Chloride or Schedule 40) pipe or ductile iron pipe, having a minimum diameter of four inches, and be installed with a minimum slope of 1.0 percent from the building to the Sewer Lateral.

1. Vents: A vent shall be placed along the house sewer line at a location acceptable to the Authority or its representative. Vent risers shall extend a minimum of two inches above the ground surface and shall be capped with a mushroom vent or double bend. Vents shall be at least four inches in diameter.
2. Trap: A standard building trap shall be provided immediately after the vent. The trap size shall be the full size of the Service Lateral.
3. Cleanouts: A cleanout shall be placed immediately following the building trap. The cleanout shall consist of a line size "Y" branch with a riser of not less than four inches extending to the surface where it is to be provided with a ferrule and plug for cleaning purposes.



**11.03** No Building Sewer shall be covered until it has been inspected and approved by this Authority. If any part of a Building Sewer is covered before so being inspected and approved, it shall be uncovered for inspection, at the cost and expense of the Owner of the Improved Property to be connected to a Sewer.

**11.04** Every Building Sewer of any Improved Property shall be maintained in a sanitary and safe operating condition by the Owner of such Improved Property.

**11.05** Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect all Persons from damage and injury. Any street, sidewalk, or other governing body disturbed in the course of installation of a Building Sewer shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a manner satisfactory to this Authority.

**11.06** If any Person shall fail or shall refuse, upon receipt of a notice of this Authority in writing, to remedy any unsatisfactory condition with respect to a Building Sewer within thirty days of receipt of such notice, this Authority may refuse to permit such Person to discharge Sanitary Sewage and Industrial Wastes into the Sewerage System until such unsatisfactory condition shall have been design and connections shall conform to the most recent edition of the Building Officials and Code Administrators (BOCA) Basic Plumbing Code, remedied to the satisfaction of this Authority.

**11.07** Should a grinder pump be required in order to provide Sewer service, the Property Owner will maintain the pumping facilities and will be responsible for making and maintaining the connection to and from the grinder pump unit.

**11.08** Customers/ property owners shall not be permitted to disconnect sewer laterals from the sewer system to avoid paying the minimum monthly fee. Sewer laterals shall only be disconnected in the event that structures or other improvements on the property served by the system are permanently demolished and removed. Any customer/property owner that disconnected their sewer lateral from the sewer system and who desires to reconnect to the system shall submit an application and pay all applicable fees as if it is a new connection.

ADDED  
6/27/18

- 11.08  
6/27/2018

## **Section XII – Grease Interceptors**

**12.01** The Authority may require any user of the Authority’s wastewater collection and treatment facilities to install, at the customer's expense, grease interceptor when, in the opinion of the Authority, same is necessary for the proper handling of liquid waste so as to contain fats, tar, oils, and/or grease deemed harmful to the Authority's sewerage collection system and treatment facility and/or its processes.

**12.02** The size and type of such interceptor shall be provided to the Authority for review according to the customer’s maximum volume and rate of discharge.

**12.03** Grease interceptors shall be installed upon the line and facility of the customer and in such location as to make it readily accessible for inspection by an employee or agent of the Authority.

## **Section XIII - Enforcement**

**13.01** In the event an owner is determined to have violated any provision of these Regulations, the following fines and penalties shall be imposed.

1. First violation: Upon discovering the violation, the Authority shall cause a notice of violation to be sent to the property owner requiring corrective action within 30 days. Failure to correct the action will result in an additional violation.
2. Second violation: When an owner shall fail to correct the violation within 30 days of the initial notice of violation, the Authority may impose the following fines and administrative costs:
  - a. Fine: \$100.00 per violation, per day, up to a maximum of \$2,500.00 per violation;
  - b. Costs: Administrative costs will be assessed; and
  - c. Attorney’s Fees: If the Authority Solicitor participates in enforcing the regulations, the fees that he or she charges to the Authority will be charged to the owner.
1. Any fine, cost, or fee imposed under this section shall immediately become a municipal lien on the affected property and may be indexed as such in the appropriate courthouse records.

2. Nothing contained herein shall prohibit the Authority from correcting any violation at its expense and assessing such costs as a municipal lien against the property owner.
3. Failure to install any device required by these regulations shall, upon the expiration of the 30-day period from the date of the Notice of Violation, result in discontinuance of service. Any cost for cleanup and/or repair of the line shall be borne by the owner and shall immediately become a municipal lien on the affected property.
4. Any property owner who desires to dispute the Notice of Violation must file a written request with the Authority to reconsider such within 10 days of being notified of the violation. Upon receipt of such a request, the Authority shall schedule a hearing within 15 working days of receiving the request from the property owner.

#### **Section XIV – Responsibility of Owners of Improved Property**

**14.01** The Owner of any Improved Property connected to the Sewerage System shall be responsible for all acts of tenants or other occupants of such Improved Property insofar as such acts shall be governed by provisions of these Rates, Rules, and Regulations. Owners of commercial and industrial establishments shall be financially responsible for any costs incurred by the Authority including materials, labor, and supervision necessary to remove and repair any deposits, obstructions, or damage caused to the Sewerage System by the discharge or drainage from any establishments.

#### **Section XV – Private Residential Water Supplies**

**15.01** Any property owner who is connected to the sewer system of Elizabethtown Area Authority, and uses a private source of water, shall install a water meter to be used as the basis for sewer charges.

1. The meter must be installed in such a manner so as to allow easy access for reading the meter by the Authority personnel.

2. The meter must be installed in such a manner so as to register all of the water produced by the well. No waste valve shall be permitted before the meter.
3. The Authority shall inspect the installation and seal the meter, and shall thereafter be responsible to maintain the meter.
4. The meter shall be purchased from the Authority and installed at the expense of the property owner; the meter may be paid in four quarterly installments.
5. Sewer rates shall be determined by water usage during the last billing period for the water consumption.

**Section XVI – Adoption of Additional Rules and Regulations**

16.01 This Authority reserves the right to adopt, from time to time, such additional rules and regulations as it shall deem necessary and proper in connection with use and operation of the sewage system, which rules and regulations shall be, shall become and shall be construed as part of this Resolution.

**Section XVII – Effective Date**

17.01 This Resolution shall become effective on the 22 day of January, 2014.

DULY ADOPTED by the ELIZABETHVILLE AREA AUTHORITY, this 22 day of January, 2014, in lawful session duly assembled.

ELIZABETHVILLE AREA AUTHORITY

BY Alley L. Patterhoff  
Chairman

ATTEST

Russell Snyder  
Secretary

**B. Tapping Fees:**

Tapping fees covering the cost of providing collection and treatment for sewerage services are comprised of four parts and shall be as follows:

- I. Capacity Part for Sewerage Treatment Plant and Interceptor equal to \$4,074.00.**
- II. Collection Part equal to \$0.**
- III. Special Purpose Part equal to \$0.**
- IV. Reimbursement Part equal to \$0.**

The Authority reserves the right to increase the future tapping fee in accordance with applicable law and procedure to a maximum amount not-to exceed that established in the Act 203 Tapping Fee Analysis provided by the Engineer and attached herewith as Exhibit A.

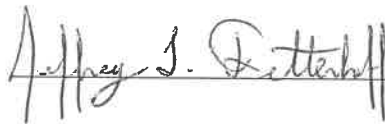
**Amendments:**

None of the above shall be construed as to limit future amendments or refinement of this Resolution, the Rates, Rules and Regulations of the Authority, or the attached Tapping Fee Analysis; as may be provided by law and appropriate to future conditions and costs.

Resolution effective on the 22 day of January, 2014.

Resolution adopted this 22 day of January, 2014.

ELIZABETHVILLE AREA AUTHORITY



CHAIRMAN

ATTEST:



SECRETARY

CERTIFICATE

I, the undersigned, Secretary of the Elizabethville Area Authority, certify that the foregoing is a true and correct copy of a Resolution which duly was adopted by the majority vote of the entire board of the Elizabethville Area Authority at the meeting of said Board duly convened according to law and held on the 22<sup>nd</sup> day of January, 2014, said Resolution duly has been recorded in the minutes of the Board of the Elizabethville Area Authority; and said Resolution remains in full force and effect, unaltered and unamended, as of the date of this Certificate.

IN WITNESS WHEREOF, I affix my hand and the official seal of the Authority this 22<sup>nd</sup> day of January, 2014.

SEAL

  
\_\_\_\_\_  
Secretary

**Attachment "A"**  
**Elizabethville Area Authority**

**Sewer Rates Per EDU**

	<u>MIN. QTR. BILL</u>		<u>CHARGE PER 1,000 GAL.</u>
RESIDENTIAL	\$70.00	+	\$3.75
COMMERCIAL 1	\$81.00	+	\$3.75
COMMERCIAL 2	\$98.00	+	\$6.25
INDUSTRIAL	\$98.00	+	\$6.25
INSTITUTIONAL	\$98.00	+	\$6.25



## ATTACHMENT B

### ELIZABETHVILLE AREA AUTHORITY

#### RESOLUTION

OF THE BOARD OF ELIZABETHVILLE AREA AUTHORITY  
AMENDING THE BASIS FOR ASSESSING FEES UNDER ITS  
RATES, RULES AND REGULATIONS FOR THE SEWERAGE  
SYSTEM.

WHEREAS, Act 203 of 1990 amended the Municipalities Authorities Act of 1945 to require that all municipal authorities calculate tapping and connection fees in accordance with the standards and criteria contained in Act 203; and

WHEREAS, the Authority's Engineer has undertaken the necessary studies to calculate the permissible tapping and connection fees which may be imposed by this Authority in accordance with Act 203; and

WHEREAS, the Authority desires to amend all prior Resolutions governing sewer rates and service, as they relate to the payment of tapping fees for the Sewerage System in accordance with Act 203.

NOW, THEREFORE, BE IT RESOLVED, by the Board of this Authority, to amend its Ordinances and Resolutions Governing Sewer Rates and Service generally as follows:

#### A. Connection Fees:

The cost of installing sewer services from the main to the curb shall be paid entirely by the Customer. The Authority requires the dedication of these facilities by the property owner to the Authority following inspection and acceptance by the Authority. A fee of \$50.00 is charged to the property owner for inspection of the installation.

# Attachment "C"

Elizabethville Area Authority

Non Residential Establishments

Equivalent Dwelling Unit (EDU) Schedule as Basis for  
Tapping Fee and User Fee Calculations

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<u>Category</u>	<u>EDU's</u>
1. Each retail store, business, or office having 10 or fewer employees Attached to or forming a part of Owner's residence.	1 ½ Units
2. Each retail store, business, or office having 10 or fewer employees not attached to or forming a part of Owner's residence.	1 ½ Units
A. Each additional 10 employees or fraction thereof.	½ Unit
3. Each restaurant, tavern or club, per 15 seats or fraction thereof	1 Unit
A. In addition, each of these establishments having less than 10 employees.	½ Unit
B. For each additional 10 employees	½ Unit
4. Each hotel, motel and boarding house, per 4 rental rooms or fraction thereof.	1 Unit
5. Each service station, garage and automobile repair shop without car wash facilities.	1 ½ Units

- |  |           |
|--|-----------|
| 6. Each car wash facility.   | 1 EDU/Bay |
| 7. Each laundromat, per 5 washers or fraction thereof.   | 1 Unit    |
| 8. Each barber shop or beauty shop not attached to or forming part of Owner's residence.   | 1 Unit    |
| 9. Each barber shop or beauty shop attached to or forming part of and including Owner's residence.   | 1 ½ Units |
| 10. Each church and fire company.  | 1 Unit    |
| 11. Each school, public or private, falling into one of the following categories.  |           |
| A. Toilet facilities only, per 31 persons.   | 1 Unit    |
| B. Toilet facilities and kitchen, per 23 persons.  | 1 Unit    |
| C. Toilet facilities and gymnasium, per 19 persons.  | 1 Unit    |
| D. Toilet facilities, kitchen and gymnasium, per 15 persons.   | 1 Unit    |
| Revised 12. Each Winery, Banquet Hall, or similar entertainment venue having 10 or<br>11/28/18 fewer employees without cooking facilities  | 1 ½ Units |
| A. In addition, establishments having cooking facilities   | ½ Unit    |
| B. For each additional 10 employees or fraction thereof  | ½ Unit    |
| 13. Any exception to the E.D.U. schedule will be reviewed by The Elizabethtown Area Authority on an individual basis. The customer will be present and have the request in writing on why they should be reviewed. |           |