

**RULES AND REGULATIONS GOVERNING
WATER AND SEWER SERVICES**

SLIPPERY ROCK MUNICIPAL AUTHORITY

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**SLIPPERY ROCK TOWNSHIP
BUTLER COUNTY, PENNSYLVANIA**

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RULES GOVERNING WATER AND SEWER SERVICES

STATEMENTS OF FACT

These Rules are a part of the Contract with every person who accepts water or sewer service from the Slippery Rock Municipal Authority ("Authority") and every person or entity, by taking water or discharging sewer, agrees to be bound thereby.

The Authority owns and operates its water and sewer systems. These Rules are administered by the Authority, which has the sole Authority and responsibility for any required decisions or approvals as governed by Commonwealth Law and The Pennsylvania Municipality Authorities Act.

These Rules are not intended to conflict with any local, state or federal legislation. Any provisions that are found to be in direct conflict with such legislation shall not be applicable.

1. DEFINITIONS

When used in these Rules, the following words and phrases shall have the following meanings:

- 1.1. ACCEPTABLE INTERCONNECTION:** An acceptable interconnection is an interconnection having all the following characteristics:
 - 1.1.1.** A source of supply other than the supply source of the Authority directly or indirectly connected to the Authority's water system by means of pipelines, the source being approved by the Pennsylvania Department of Environmental Protection and the Environmental Protection Agency as an acceptable, safe and sanitary source of public water supply and which continues as such at all times when the interconnection is in existence.
 - 1.1.2.** Installed or continued in existence with the knowledge and specific consent of the Authority, and when installed on the premises of a Customer or installed by a Customer, such consent to be evidenced by proper written agreement or written approval executed by the proper officers of the Authority.
 - 1.1.3.** Installed or continued in existence and operated at all times in strict compliance with all applicable laws, ordinances, rules and regulations.
- 1.2. APPROVED:** Approved shall mean accepted by the Authority as meeting an applicable specification stated or cited in the rules or as suitable for the proposed use. The term "approved" used in reference to a backflow prevention device shall mean the backflow prevention device is acceptable to the Authority. Competent testing laboratories other than the Foundation for Cross-Connection Control may be qualified by the Authority to approve backflow preventers.
- 1.3. AUTHORITY:** The word "Authority", whenever the same appears herein, means Slippery Rock Municipal Authority, a body corporate and politic organized and existing under the laws of the Commonwealth of Pennsylvania, with its principal place of business at 116 Crestview Road, Slippery Rock, Pennsylvania 16057.
- 1.4. BACKFLOW:** The flow of water or other liquids, mixtures or substances into the distribution system from any source or sources other than its intended source. Backsiphonage and back pressure are two types of backflow specifically contemplated by these rules.
- 1.5. BACKFLOW PREVENTION DEVICE:** Shall mean any device, method or type of construction designed to prevent backflow or backsiphonage into the distribution system by isolating the Owner's water system from the distribution system. Four types of backflow prevention devices:
 - 1.5.1. RPPD or RPZA:** Reduced Pressure Zone Assembly. A device that shall incorporate two or

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more check valves and an automatically operating differential relief valve located between the two check valves, two tightly closing shut-off valves, and equipped with necessary appurtenances for testing. The device shall operate to maintain the pressure in the zone between the two check valves, less than the pressure on the Authority water system side of the device. At cessation of normal flow, the pressure between the check valves shall be less than the supply pressure. In case of leakage of either check valve, the differential relief shall operate to maintain this reduced pressure by discharging to the atmosphere, thereby providing an air gap in the device. To be approved by the Authority or its designated agents, the device must be readily accessible for maintenance and testing and installed in a location where no part of the device will be subject to outside flooding. The device shall be used on service connections, which may be subject to backflow and where there is a possibility of contamination that constitutes an actual or potential health hazard.

- 1.5.2. DCVA:** Double Check Valve Assembly. In a water service line, a device composed of two independently operating approved check valves with tightly closing shut-off valves on each side of the check valves, plus necessary appurtenances for testing. To be approved by the Authority or its designated agent the device must be readily accessible to maintenance and testing and installed in a location where no part of the device will be subject to outside flooding. The device shall be used on service connections, which may be subject to backflow and where there is a possibility of pollution that constitutes an actual or potential pollution hazard.
- 1.5.3. RDC:** Residential Dual Check. A device composed of two independently operating approved check valves, to be used only in a residential application.
- 1.5.4. AG:** Air Gap. The unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying potable water to a tank, plumbing fixture, or other device and the flood level rim of the receptacle. The differential distance shall be at least double the diameter (2 x D) of the supply pipe measured vertically above the top of the rim of the vessel. In no case, shall the air gap be less than one inch.
- 1.6. BACKSIPHONAGE:** One type of backflow occurring when there is a partial vacuum (negative pressure) in a water supply system, which draws the water from a contaminated source into a potable water supply; the water pressure within the distribution system falls below that of the plumbing system it is supplying.
- 1.7. BUILDING SEWER:** Shall mean the pipe leading from the sewage drainage system of any structure to the collection sewer (often referred to as service lateral).
- 1.8. BUILDING DRAIN:** Piping found throughout the inside of a premises and under the slab through the foundation.
- 1.9. COLLECTION SEWER:** Shall mean the Authority's collection sanitary sewers located in and under highways, roads, streets, and rights-of-way, which collect and convey sanitary sewage or industrial wastes or a combination of both to a pumping or treatment facility.
- 1.10. COMMERCIAL ESTABLISHMENT:** Shall mean any room, group of rooms, building or enclosure used or intended for use in the operation of one business enterprise for the sale and distribution of any product, commodity, articles or service, or used or intended for use for any social, amusement, religious, educational, charitable or public purpose and containing plumbing. "Commercial establishment" includes institutional dormitories. Also, buildings containing more than two residential dwellings and serviced by one service connection water and/or sewer.
- 1.11. CONNECTION UNIT:** Shall mean each individual building or portion of a building, which is designed or

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adaptable to separate use and/or ownership whether for commercial, industrial, or residential use. A school, factory, apartment house, office building, or other multiple unit structure whose individual apartments or units are connected to a common internal sewage system and which is not subject to separate ownership shall be considered as one connection unit.

- 1.12. CONTAMINATION:** An impairment of water quality to a degree which creates an actual or potential health hazard such as but not limited to chemical poisoning or spread of diseases, or impairs the composition and/or odor of the water to such an extent that it is deemed not acceptable by the Authority for human consumption.
- 1.13. CROSS-CONNECTION:** An arrangement allowing either a direct or indirect connection through which backflow, including backsiphonage, can occur between the drinking water in a distribution system and a system containing a source or potential source of contamination, or allowing treated water to be removed from any distribution system, used for any purpose or routed through any device or pipes outside the distribution system, and returned to the distribution system. The term does not include connections between distribution system and connections between water mains.
- 1.14. CUSTOMER:** The word "Customer", as used herein, means the Owner contracting for or using water and/or sewer service on a single premises, or connection unit; and the word "Customers" means also contracting for and using service.
- 1.15. DATE OF PRESENTATION:** The date upon which a bill or notice is mailed, as evidenced by the United States Post System (USPS) mark.
- 1.16. DEP:** Department of Environmental Protection of the Commonwealth of Pennsylvania or any agency or successor thereto.
- 1.17. DISTRIBUTION SYSTEM:** Shall mean the public water system that furnishes water for general use, is owned and operated by the Authority and is recognized by regulatory agencies as a community water system.
- 1.18. EQUIVALENT DWELLING UNIT (EDU):** Shall mean 400 gallons per day for engineering design flow of water, sanitary sewage and/or industrial wastes from an improved property. Equivalent dwelling unit is a unit intended to represent discharge of sewer by a typical residence as measured by metered water usage. The flow from non-residential establishments is converted to EDU's by dividing the estimated daily flow by typical daily residential flow.
- 1.19. HEALTH HAZARD:** The contamination or pollution to the Authority water system to such a degree or intensity that there would be a danger to the public health of the Authority's water system Customers.
- 1.20. IMPROVED PROPERTY:** Any property upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and to which the Authority supplies water or from which structure sanitary sewage and/or industrial wastes are discharged.
- 1.21. INDUSTRIAL WASTES:** Any solid, liquid or gaseous substance or waterborne wastes or forms of energy rejected or escaping in the course of any industrial, manufacturing, trade or commercial process or in the course of the development, recovery or processing of natural resources, as distinct from sanitary sewage.
- 1.22. INTERCONNECTION:** Interconnection is a physical arrangement whereby the distribution system is connected with another water system, public or private, in such a manner that a flow of water into such public water supply system from other water system is possible. Specifically it is the intent of these rules to regulate any source or system containing water or substances the quality and quantity of which cannot be approved by the County, State or Federal regulatory agencies.

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- 1.23. LIENS:** All charges heretofore designated, are made a lien against the property to be liened and collected against the property in the name of the Owner, reputed Owner, occupier, mortgagee or anyone beneficially interested therein, and such amount will be liened and collected as per the requirements of the Municipal Claims Law of the Commonwealth of Pennsylvania.
- 1.24. MAINS:** Distribution and collection pipelines of the Authority which are located in and under streets, highways, public ways or private rights-of-way and which are used to serve the general public.
- 1.25. MAIN EXTENSIONS:** Extensions of distribution or collection pipelines beyond existing facilities.
- 1.26. NONPOTABLE WATER:** Water which is not safe for human consumption or which is of questionable potability.
- 1.27. OWNER:** The word "Owner", whenever the same appears herein, means the person, firm or corporation or association having an interest as Owner, or a person, firm or corporation representing itself to be the Owner, whether legal or equitable, sole or only partial, in any premises which is or is about to be supplied with water and/or sewer service by the Authority; the word "Owners" means all so interested.
- 1.28. PENALTY:** Each sewage and/or water service charge or surcharge levied by these regulations shall be a debt due the Authority. If any service rate or charge so established shall not be paid within thirty (30) days after it shall become due and payable, the amount thereof, together with a penalty of ten (10) percent and a reasonable attorney's fee, may be recovered by the Authority in a civil action.
- 1.29. POTABLE WATER:** Water which is safe for human consumption according to recognized state and federal standards.
- 1.30. PREMISES:** The word "premises", as used herein, means the property or area, including improvements thereto, to which water and/or sewer service is or can be provided and, as used herein, shall be taken to designate:
- 1.30.1.** A building under one roof owned or leased by one Customer and occupied as one residence or one place of business: or
 - 1.30.2.** A building or group of buildings owned by one Customer and located on one lot, with one service connection: or
 - 1.30.3.** The one side of a double house having a solid vertical partition wall: or
 - 1.30.4.** Each side or each part of a house or building occupied by one family, including a one-person family, even though the closet and/or other fixtures be used in common; or
 - 1.30.5.** 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 interconnected by a tunnel or passageway, covered area way, or a patio or by some similar means or structure; or
 - 1.30.6.** A public building devoted entirely to public use, such as a town hall, schoolhouse, fire engine house; or
 - 1.30.7.** A single vacant lot or park or playground; or
 - 1.30.8.** Each house in a row of houses; or
 - 1.30.9.** Each dwelling unit in a row of houses, a dwelling unit being defined as a building or a portion thereof with exclusive culinary facilities designed for occupancy and used by one person or one family (household); or

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- 1.30.10.** 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
- 1.30.11.** 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 or some such similar body or organization; or operated under private ownership; or
- 1.30.12.** Each mobile home whether located on owned or leased land.
- 1.31. PROPORTIONATE CHARGE:** All verifiable and substantiated construction and installation cost of a water or sewer line extension divided by total lineal feet of the extension then divided by two.
- 1.32. RATE SCHEDULE:** The entire body of effective rates, rentals and changes, as adopted by the Authority from time to time are made a part of these rules. A rate schedule stating charges and rates effective as of the date of adoption of these rules is attached hereto as Appendix A and incorporated by reference.
- 1.33. RULES:** These rules governing water and sewer service, as adopted by the Authority, together with Appendices and Exhibits hereto, as they may be amended or supplemented from time to time.
- 1.34. SANITARY SEWAGE:** Shall mean the normal water-carried household and toilet wastes from any improved property, exclusive of storm water runoff, surface water or groundwater.
- 1.35. SERVICE LINE CONNECTION:** (Authority Water Service Line): The pipe, valves and other facilities by means of which the Authority conducts water from its distribution mains to the curb stop to be located at the curb line or property line of the premises, and specifically includes the corporation stop or other means of connection to the main, the service line connected to the corporation stop and extending to the point of connection to the curb stop, the curb stop, the meter pit and such other facilities.
- 1.36. SERVICE LINE EXTENSIONS:** (Customer Water Service Line): The pipe, valves and other facilities by means of which water is conducted from the curb stop to the premises, and specifically includes the service line extending from a point of connection to the curb stop to a point inside the walls of the premises or meter pit, where approved, a stop cock or compression valve and backflow preventer on the line at this point, connections for the inlet and outlet sides of the meter, a stop and waste cock on the outlet side of the meter and such other facilities.
- 1.37. SEWER:** Shall mean any pipe, main or conduit constituting a part of the Sewer System and used or usable for collection and transportation of sanitary sewage and industrial wastes.
- 1.38. SEWER SYSTEM:** Shall mean all facilities and property owned by the Authority, as of any particular time, including but not limited to facilities for collecting, pumping, conveying and treating sanitary sewage and industrial wastes.
- 1.39. STANDARD CONSTRUCTION SPECIFICATIONS:** Shall mean the current standard construction and material specifications for both water and sanitary sewer extensions of the Authority and duly approved by resolution of the Authority.
- 1.40. TEMPORARY SERVICE:** A service for circuses, bazaars, fairs, construction work, irrigation of vacant property, trailers or trailer camps and similar uses that because of their nature will not be used steadily or permanently.
- 1.41. TENANT:** The word "TENANT", whenever the same appears herein, is anyone other than the Owner occupying the PREMISES to which water is distributed from the mains of the Authority and/or from

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which sewer is collected.

- 1.42. THERMAL EXPANSION TANK:** A small tank used to protect closed water heating systems and domestic hot water systems from excessive pressure. The tank is partially filled with air, whose compressibility cushions shock caused by water hammer and absorbs excess water pressure caused by thermal expansion
- 1.43. WATER AND/OR SEWER:** Shall mean, Water Only service or Water and Sewer service.

2. CONDITIONS OF SERVICE

- 2.1. GENERAL:** The Authority will furnish water and sewer service only in accordance with these rules as they may be amended from time to time. These rules are hereto made and are a part of every application; contract; agreement or license entered into between the Owner or Customer and the Authority. These rules are applicable alike to all service areas of the Authority.

The Authority hereby reserves the right, so often as it may deem necessary, to alter, amend, and/or repeal the Rates and/or these rules, or any part, and in whole or in part to substitute new Rates, Rules, which when altered and amended shall forthwith, without notice become and thereafter be a part of every such application, contract, agreement or license for water service in effect at the time of such alteration, amendment and/or adoption.

Sewer only service shall not be granted unless written permission is given by the Authority Board.

- 2.2. SERVICE CONDITIONS - GENERAL:** Before water or sewer service will be provided by the Authority, the applicant for service shall be in compliance with all of the terms of these rules, and the applicant shall have paid any applicable connection fees, Customer facilities fees and tapping fees, as referenced herein, and shall have paid any other fees and charges due to the Authority.

2.3. METERED WATER SERVICE:

2.3.1. General Rule. Each premises shall be served through a separate service line connection, separate service line extension and through a separate meter.

2.3.2. Waiver by Board. The Board of the Authority may, in its sole discretion, permit multiple services to be provided through a single meter. Provided, however, that every such request shall be made in writing and approved by the Authority before such service is installed.

2.3.3. Multiple Premises - One Meter. In situations pre-dating these rules, or under subparagraph 2.3.2. above where water service to separate buildings (or separate premises within a building) owned by the same party, whether on the same or separate lots and occupied by separate tenants, is supplied through one meter, each separate building (or premises) so supplied shall be subject to the same charge as would be applied if separate appropriately sized service connections had been made. The Authority shall determine the appropriate size of such connections, along with meter sizes, and its determination shall be conclusive. Charges for service where more than one premises are billed through one meter shall be billed to the Owner only (not to tenants).

- 2.4. DUTY TO NOTIFY AUTHORITY OF CHANGES IN "PREMISES":** The Customer or Customers shall notify the Authority promptly relative to any changes in the number of premises, the number at any time being subject to determination by the Authority.

2.4.1. New Application upon Change in Ownership or Tenancy or Conditions of Sewage. A new application or other form used by the Authority for that purpose must be submitted and approved by the Authority upon change in ownership of the property, or in the service as

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described in the application, and the Authority shall have the right, upon five (5) 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 above is upon both seller and buyer and their failure so to do, makes both liable for any obligation owing which may be collected from either or liened against the property in either's name.

2.4.2. Change in Service Size or Character: In connection with a change in service, any Customer making any material change in the size, character, or extent of equipment or operation utilizing sewage service, or whose change in operations results in a substantial 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.

2.5. The Property Owner shall be liable on all tenant billings.

Property Owner may request a **COPY** of the bill, to be mailed directly to the tenant of each premises, provided the property Owner:

2.5.1. Submits to the Authority, an application for service (available at www.srmaws.com) with the tenant's name, mailing address, contact information and property owner's signature.

2.5.2. Provide housing of the meter(s) for each premises; and

2.5.3. Receives the original bill either by mail or electronically.

2.6. DISCONTINUANCE OF SERVICE:

2.6.1. By Customer: Any Customer may terminate their service contract with the Authority and have their water service discontinued upon submitting a termination (see www.srmaws.com) notice thereof to the Authority, and upon the lapse of a reasonable time thereafter to permit the Authority to take final meter readings and attend to other details in connection with such discontinuance of service. The Customer shall remain liable for water furnished to the premises described in their application until the Authority has received notice and the termination of service has taken effect as stated above. Discontinuance of service by the Authority for non-payment of a bill or violation of these rules shall not cancel the application for service nor constitute a waiver of this rule. Landlords may terminate service if tenant has vacated the premises and all service related fees have been paid.

2.6.2. By AUTHORITY: service may be discontinued by the Authority for any of the following reasons:

2.6.2.1. For non-payment in accordance with paragraphs 14.4 and 14.5 hereof;

2.6.2.2. For misrepresentation in the application;

2.6.2.3. For the use of water for or in connection with, or for the benefit of, any others or purposes than those described in the application.

2.6.2.4. For willful waste of water through improper or imperfect pipes, fixtures or otherwise.

2.6.2.5. For failure to maintain in good order the service lines and fixtures owned by the Customer or leased by him.

2.6.2.6. For tampering with or in any other way interfering with any service pipe, meter, meter pit, curb stop, curb pit or with any seal on any meter or other fixtures and appliances of the Authority.

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- 2.6.2.7. In case of continued vacancy of the premises and physical disconnection of water and/or sewer service by the Authority.
 - 2.6.2.8. For refusal to permit reasonable access to the premises for purposes of inspecting the piping, fixtures and other water system appliances and building sewer and/or building drain therein, or for installing, reading, caring for, repairing or removing meters.
 - 2.6.2.9. For neglecting or refusing to make or renew advance payments where required or for non-payment of water service, or for any other charge accruing under the application.
 - 2.6.2.10. Where the contract has been in any way terminated by the Customer.
 - 2.6.2.11. For making or refusing to sever, upon notice, any cross-connection between a pipe or fixture carrying water furnished by the Authority and a pipe or fixture carrying water from any other source, except an acceptable interconnection.
 - 2.6.2.12. For premises where the demand for water is greatly in excess of past average or seasonal use, or where such excessive demands for water by the premises are or may be detrimental or injurious to, or in any way impair water service furnished to other Customers.
 - 2.6.2.13. For premises where apparatus, appliances or equipment using water is dangerous, unsafe and not in conformity with any laws or ordinances.
 - 2.6.2.14. For fraud or abuse.
 - 2.6.2.15. For failure to abide by the rules, specifically regarding cross-connections and interconnections, as set forth in Section 15 hereof.
 - 2.6.2.16. For violation of these rules in general, or other requirements governing water or sewer service furnished by the Authority.
 - 2.6.2.17. For any reason deemed necessary by the Authority.
- 2.7. **REINSTATEMENT OF SERVICE AFTER DISCONTINUANCE:** Service may be reinstated 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 provided in the schedule of rates or rules of the Authority due from the applicant.
- 2.8. **TURN-OFF WITHOUT AUTHORIZATION:** The Customer shall not turn the water off at any corporation stop or curb stop, or disconnect or remove the meter, or permit its disconnection or removal without the consent of the Authority. Breach of this provision shall subject the Customer to permanent discontinuance of service.
- 2.9. **SUSPENSION OF SERVICE DUE TO EMERGENCY:** The Authority shall have the right as necessity may arise in any case of breakdown, emergency or for any other unavoidable cause, to shut off the water supply temporarily in order to make necessary repairs, connections, and to do such other work. The Authority will use all reasonable and practical measures to notify the Customer of such discontinuance of service. In such cases, the Authority shall not be liable for any damage or inconvenience suffered by the Customer or any claim against it at any time for interruption in service, lessening of the supply, inadequate pressure, poor quality of water or for any other causes beyond its control; and such temporary shut-off of the water supply shall not entitle the Customer to any abatement or deduction in or from the water service charges, nor the refund of any portion of such service charges paid in advance

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during or for the time of such shut-off. When a supply of water is to be temporarily shut off, notice shall be given, when practicable, to all Customers affected by the shutting off, stating the probable duration of the interruption of service and also the purpose for which the shut-off is made. Nothing in these rules contained, however, shall be construed as a guarantee, covenant or agreement of the Authority to give notice of any shut-off due to emergencies or otherwise.

- 2.10. RESERVE SUPPLY:** The Authority shall have the right to reserve a sufficient supply of water at all times in its storage facilities to provide for fire and other emergencies, or may restrict or regulate the quantity of water used by Customers in case of scarcity or whenever the public welfare may require it.

3. APPLICATION FOR SERVICE AND CONTRACTS

- 3.1. APPLICATION FOR WATER AND/OR SEWER SERVICE:** A written application, prepared on the form furnished by the Authority (see www.srmaws.com), must be submitted to the Authority for the purpose of requesting service; said application to be signed by the Owner of the premises or duly authorized agent.

- 3.2. INFORMATION ON APPLICATIONS:** Each applicant for a water or sewer service line connection and/or water service will be required to sign a form or forms, provided by the Authority, giving such data as may be required by the Authority.

- 3.3. APPROVAL OF APPLICATIONS:** Applications are merely written requests for service line connections and/or water or sewer service. All applications are subject to approval of the Authority and are subject to payment of all required fees and compliance with all regulations relative thereto prior to commencement of the work or service requested therein.

- 3.4. APPLICATIONS, A CONTRACT:** The application for service shall be a binding contract on both the Customer and the Authority upon approval by the Authority. Rates for water and sewer service shall accrue from the date the water and/or sewer service has been connected and water is available to the premises.

- 3.5. CONTRACT WITH DELINQUENTS:** No agreement will be entered into by the Authority with an applicant for water or sewer service, whether Owner or tenant, until all arrears for water or sewer, rents, bills for meter repairs or other charges due from applicant at any premises now or theretofore owned or occupied by Owner or tenant, shall have been paid or until satisfactory arrangements for payment of such unpaid bills shall have been made. No agreement will be entered into by the Authority with a tenant.

- 3.6. TERMS OF CONTRACT:** All contracts covering metered water supply service and sewer service shall continue in force from month to month, until written notice is given by either party of a desire to terminate the contract. Excepting in the case of delinquent accounts and those cases discussed in Section 2.6.2, when written notice as aforesaid is given by the Customer of a desire to terminate the contract and water is turned off at the curb, no further charge for water and/or sewer service will be made from the date of such turn-off until service is again turned on.

- 3.7. SPECIAL CONTRACT:** The Authority may require, prior to approval of service, a special contract other than application for service under the following conditions:

3.7.1. If required by provision of the rate schedule, the duration of the contract to be specified in the schedule.

3.7.2. If the construction of an extension and/or other facilities is necessary.

3.7.3. For providing temporary service, including water service for building or other special purposes. Water for building purposes shall be used only from a temporary connection

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approved by the Authority, and shall not be permitted to flow into the house fixtures.

3.7.4. For standby or fire protection service.

3.7.5. For connections with other qualified utilities or municipal subdivisions.

3.7.6. For extensions from the water supply system, whether or not such facilities are to be conveyed to the Authority.

3.7.7. Where service is provided from a main, which does not abut the frontage of the property to be served.

3.7.8. If deemed necessary by the AUTHORITY.

3.8. GOVERNMENTAL REGULATIONS A PART OF CONTRACT: All contracts for water services shall be subject to the following provision:

The contract shall at all times be subject to such changes or modifications as may be directed by action of the General Assembly of the Commonwealth of Pennsylvania or other regulatory body.

3.9. RENEWAL OF SERVICE FOLLOWING REPAIRS: Water and sewer service will be renewed following repairs to a service line connection or service line extension under a proper application when the conditions under which such service was discontinued are corrected and upon the payment of all charges provided in the Schedule of Rates and rules of the Authority due from the applicant.

3.10. CONDITION OF PLUMBING SYSTEM/AUTHORITY NOT LIABLE: The piping and fixtures on the property of the Customer shall be in satisfactory condition at the time service facilities (including meters) are connected and water furnished or sewer service provided and at all times thereafter. If piping is not suitable for a meter connection, service will not be provided.

The Authority will not be liable in any case for any accidents, breaks or leakage that in any way are due to the connection with the supply of water (including leakage or plumbing problems arising at the time of work performed by the Authority), or failure to supply the same, or for the freezing of piping and fixtures of the Customer, nor for any damage to the property which may result from the usage or non-usage of water supplied to the premises.

4. DEPOSITS GENERAL: The following general conditions shall apply to deposits in connection with applications for water and/or sewer service:

4.1.1. A security deposit is required for any temporary service and will be based on the current Fee Schedule.

4.1.2. The deposit will not bear interest and is refundable upon account close-out and all final billings being paid.

5. SEWER SERVICE CONNECTIONS/PROCEDURE AND SPECIFICATIONS

5.1. GENERAL REQUIREMENTS: No connection shall be made to the sewer system unless the manner in which the connection is made and the materials and work quality employed in effecting such connection shall comply with the requirements of the Borough or Township plumbing codes and the Authority's standard construction specifications. It shall also be necessary for all connections to comply with any special requirements imposed under Section 16 of these rules.

5.2. LIABILITY FOR IMPROPER DISCHARGE: Any person who discharges or permits to be discharged any non-sewage material, including any inflow or infiltration of extraneous water to the sewer system except through approved connections will be subject to such charges as the Authority may establish and shall hold harmless and indemnify the Authority from any costs and charges imposed by any governmental

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agency with jurisdiction, in addition to being subject to any penal provisions imposed by the Borough of Slippy Rock, Slippy Rock Township or PA DEP or the U.S. EPA.

- 5.3. SEPARATE CONNECTIONS:** Except as otherwise provided in this Section 5, each connection unit shall be connected separately and independently with a building sewer. Grouping of more than one connection unit on one building sewer shall not be permitted except under special circumstances and for good sanitary reasons or other good cause shown and then only after special permission of the Authority, in writing, shall have been secured and subject to such rules, regulations, and conditions as may be prescribed by the Authority. Further, in the event a single house connection is permitted to serve a double house or condominium complex, it will be necessary for the property Owners to sign an agreement (which the Authority may record in the office of the Recorder of Deeds) relieving the Authority of any responsibility or obligation caused by or resulting from installation of a single house connection. The agreement shall provide that any disagreement between the parties concerning future maintenance of the common sewer will be sufficient cause for the Owner to install additional connections to the sewer main to provide individual service. The installation of such separate building sewers/service Laterals shall be made at the expense of the property Owners signing the agreement.
- 5.4. CONTRACTORS/PLUMBERS:** All contractors/plumbers and qualified individuals making connection to the sewer system shall comply with all Federal, state and local requirements.
- 5.5. INSPECTION REQUIRED:** No connection shall be made to the sewer system or the pipe trench covered or trench backfilled unless and until the building sewer installation has been inspected and approved by the Slippy Rock Municipal Authority's representative.
- 5.6. WATER CONTAMINATED BY USE:** All water contaminated by use must be discharged into the sewer including water from sinks and washing machines. Conversely, the discharge of roof, storm, surface, or building foundation water or drainage is expressly prohibited. Floor drains in basements subject to groundwater infiltration or flooding must be removed permanently and thoroughly sealed.
- 5.7. OWNER RESPONSIBLE FOR COSTS:** All costs and expenses for the construction of a building sewer, including testing, shall be borne by the Owner of the improved property to be connected; and such Owner shall indemnify and save harmless the Authority from all loss or damage which may be occasioned, directly or indirectly, as a result of construction of a building sewer.
- 5.8. SPECIAL REQUIREMENTS:** Whenever, in the opinion of the Engineer or other duly authorized representative of the Authority, special conditions require additional safeguards or more stringent specifications to be observed, then, and in that event notwithstanding any other provisions of the rules or requirements of the Borough or Township's Plumbing Code, the Authority specifically reserves the right to refuse to permit a connection to be made to its sewer system until such special requirements or specifications as may be stipulated by the Authority or its Engineer have been satisfied.
- 5.9. INSTALLATION OF SEWER INTERCEPTORS AND SEPARATORS:**
- 5.9.1. GENERAL:** Harmful discharges to the sewer system are prohibited. Interceptors and/or separators shall be required to be installed as set forth below or wherever in the sole judgment of the Authority they are deemed necessary to protect the integrity and safety of the sewer system.
- 5.9.2. GREASE INTERCEPTORS:** A grease interceptor shall be required to receive the grease-laden drainage from plumbing fixtures and equipment located in the food preparation areas of commercial and industrial establishments. This includes, but not by way of limitation, facilities such as: restaurants, motels, hotels, bars, cafeterias, schools, and meat processing facilities.
- 5.9.3. OIL INTERCEPTORS:** An oil interceptor shall be required to receive drainage from work areas

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of commercial and industrial establishments where the possibility exists that petroleum products could become mixed with wastewater. This includes, but not by way of limitations, repair garages, gasoline stations and factories.

- 5.9.4. SPECIAL PURPOSE INTERCEPTORS:** Interceptors shall be required at commercial and industrial establishments where the nature of their operation is such that a substance detrimental to the sewer system could enter the wastewater stream. Sand or grit from car washes, string or rags from commercial laundries, and animal parts from butcher shops are examples of facilities where special purpose interceptors may be required.
- 5.9.5. ACCESSIBILITY AND MAINTENANCE:** Each interceptor or separator shall be installed so as to be readily accessible for service and maintenance. Interceptors and separators shall be maintained by periodic removal of accumulated grease, scum, oil, solids, etc. and by disposal of the material in a lawful manner.
- 5.9.6. SPECIFICATIONS:** The style, type and location of each interceptor or separator shall be approved by the Authority using the current Plumbing Code specifications.
- 5.9.7. INSPECTION AND RECORDS:** Authority personnel may make periodic inspections of these facilities and associated records to assure proper installation, maintenance, and disposal procedures are being practiced. Written records, maintained by the property Owner or facility management, shall be required to document required maintenance and lawful disposal of all accumulated material.

6. WATER SERVICE CONNECTIONS/PROCEDURE AND SPECIFICATIONS

- 6.1. SERVICE LINE/CONNECTION TO MAIN:** The Water service line connection shall be installed from a main line to premises. However, the Authority reserves the right to approve service line connections at locations other than in the front of the premises when such is in the best interests of the Authority. All service line connections must be made to main lines, which abut the property for which service is requested.
- 6.2. INSTALLATION OF SERVICE LINE CONNECTION TO MAIN:** The Authority will install and maintain all Water service line connections, make all connections to the main lines, furnish, install and maintain all service lines from the mains to and including the curb stop and meter pit which will be placed inside the curb or property line, the said service line connection to be the property of the Authority and to remain under its control.

Only duly authorized employees or agents or contractors of the Authority will be permitted to install a service line connection from the mains of the Authority to the curb line.

The installation of all connections to Authority mains is subject to the submission of a written application to the Authority, as previously set forth, to such requests being reasonable, to approval thereof by the Authority, and to the payment of such charges for the service line connection installation (Connection Fee) as are in effect at the time of the application, said charges to be payable in advance. Where the governmental unit charges a fee for issuing a permit or permits for street or road openings, or for any other reason in connection therewith, the total fee will be charged to the applicant in addition to the other charges.

The Authority reserves the right to defer the installation of a service line connection during inclement weather until such times as, in the judgment of the Authority, conditions are suitable for an expeditious and economical installation.

The Authority reserves the right to determine the size and the kind of service line connections.

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When meter pits are located at the curb, the entire installation including pit, cover, riser pipe and other appurtenances, except the meter, shall be installed at the expense of the Customer.

- 6.3. MAINTENANCE-SERVICE LINE CONNECTION TO MAIN:** All Water service line connections originally furnished by the Authority will be maintained by and at the cost of the Authority without expense to the Customer for repairs, renewals or replacements.

When meter pits are located at the curb, the riser pipes and connections therein will be installed at the expense of the Customer, and no Customer or repair person shall alter, change or in any way tamper with the meter pit, meter, or piping and connections therein without authorization from the Authority.

Prior to a Customer's construction of new concrete sidewalks, making changes in grade or other changes in sidewalk construction, the Customer shall notify the Authority, in order that the Authority may relocate the curb box at the proper grade. Meter pit height shall be adjusted by the Customer. If such notice is not given and the box or meter pits are covered or concreted over, thereby necessitating additional expense to the Authority for finding and relocating the same, the Customer shall be billed for such additional expense and the Authority will, under no circumstances, be responsible for damages to the sidewalk.

In cases where services are frozen the Authority will, at its own expense thaw out the service line connection to the curb stop. The thawing out of the service line extension from the curb stop to the premises shall be done by the Customer at their own expense. To avoid a recurrence of freezing, the Authority will make an examination of Customer's service pipe and if the same is not at a depth of four feet or more as required, the Authority shall have the right to require it to be relocated before service is resumed.

- 6.4. RENEWAL OF SERVICE LINE: MAIN TO CURBSTOP:** Where the renewal of segment of service line connection from the street main to the curbstop is found necessary, the Authority will renew said service in the same location as the old one. If the property Owner or Customer, for their own convenience, desires the new service line connection at some other location and agrees to pay all expenses of such relocation in excess of the cost of laying the service line connection in the same location as the old one, delaying and disconnecting the old service line connection, the Authority will lay the new service line connection at the location desired.

- 6.5. CHANGE IN LOCATION OF SERVICE LINE: MAIN TO CURB-**The Customer shall pay for the cost of relocation of all service line connections made at Customer's request or convenience.

- 6.6. INSTALLATION - WATER SERVICE LINE EXTENSION:** The service line extension, that is, the service line extending from the curb stop to the premises, and all required appurtenances, shall be installed by and at the expense of the Customer. The installation shall be in accordance with the following requirements:

- 6.6.1. GENERAL:** The portion of the service line extension installed by the Customer shall be not less in size and quality than the service line in the street laid by the Authority, and shall be laid not less than four feet below the surface, and shall not be covered until the tap on the Main is made and service line extension tested. If any defects in work quality are found the services shall not be turned on until such defects are remedied. All plumbing connections should be able to withstand a pressure of at least 150 pounds per square inch. The installation shall include a connection of the service line to the curb stop, extension of the service line from the curb stop to a point within the building wall or facilities housing the meter, the installation of a brass ball valve, the same size as the service line, on the street side and immediately before the meter, and a backflow preventer, a pressure regulator (if required) and a valve on the outlet side of the meter. All facilities inside the building shall be located so as to be readily

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accessible, (no crawl space installation), protected from freezing and shall provide proper drainage for the piping in the building, the installation to include also such facilities as are hereinafter set forth. The installation shall be made by skilled and qualified repair person. The Contractor for the Customer shall notify the Authority when the service line extension will be installed, in order to permit the Authority to schedule its work and install the service line connection. The service line extension shall be laid in a straight line between the curb stop and the premises unless otherwise approved in writing by the Authority.

- 6.7. MAINTENANCE - WATER SERVICE LINE EXTENSION:** All service line extensions, service lines and fixtures installed by the Customer shall be maintained by the Customer in satisfactory condition; and all valves, meters and appurtenances furnished and owned by the Authority and on the property of the Customer, if any, shall be protected properly and cared for by said Customer. When repairs, renewals or replacements or other necessary work are required on the aforesaid facilities of the Customer, the Customer shall employ, without delay, competent repair person to do the work. All said work shall be done at the expense of the Customer. All leaks in the service or any other pipe or fixture or in or upon the premises supplied must be repaired immediately by the Owner or occupant of the premises, under penalty of discontinuance of service by the Authority.

The Authority shall in no event be responsible for maintaining any portion of the service line extension or service line facilities owned by the Customer, or for damage done by water escaping there from, or from lines or fixtures on Customer's property; and the Customer shall at all times comply with municipal regulations with reference thereto and make changes therein required on account of change of grade, relocation of mains or otherwise.

- 6.8. LENGTH OF SERVICE LINE:** The Authority may exercise the right, in cases where the length of the service line extension exceeds 200 feet and in all other cases where deemed advisable, to require the Customer to furnish, at Customer's expense, an approved meter pit provided with a suitable cover and constructed in accordance with a plan furnished by the Authority, said meter pit to be constructed at the property or curb line and to be used for the housing of the meter required for the service of the premises. The Customer shall own and maintain such a meter pit.
- 6.9. PENALTY FOR PLACING OBSTRUCTIONS OVER, IN OR AROUND CURB BOXES:** If obstructions are placed over, in or around curb boxes in such manner as to prevent normal operation of the curb stop or to result in damage to the curb box, curb stop or service line extension, the Authority will shut the water off at the curb stop and plug the curb box or disconnect the service line or turn the water off at the corporation stop or ferrule, as it may deem necessary. Before service will be renewed, the Customer shall pay to the Authority the expenses incurred in shutting water off and in turning it on again, including the cost of necessary trenching and backfilling, or cutting and replacing pavement, sidewalk or curbing, or any municipal permit or permits for opening the pavement, and also shall settle any unpaid bill for water or other service and make a satisfactory deposit to ensure the payment of future water bills; the minimum charge to be as is currently in effect.
- 6.10. ONE SERVICE CONNECTION FOR EACH CUSTOMER:** A service line will be used to supply a single Customer only, and no premises shall have more than one service line connection/extension except where impossible or impracticable to furnish an adequate water supply service thereto through one SERVICE connection; in which event, the Authority may agree to the installation and use of more than one such connection, with billing to be in accordance with section 2.3.2 above.
- 6.11. SINGLE SERVICE LINE WITH TWO OR MORE CUSTOMERS:** Where two or more Customers are supplied through a single service line connection/extension, any violation of the rules of the Authority by either or any of said Customers shall be deemed to be a violation as to all; and unless said violation is

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corrected after reasonable notice, the Authority may take such action as can be taken for a single Customer, except that such action shall not be taken until the innocent Customer who has not violated the Authority's rules has been given a reasonable opportunity to provide a separately controlled service line connection/extension.

- 6.12. OTHER SERVICE LINE EXTENSION REQUIREMENTS:** The Authority reserves the right to require any Owner to install on or in conjunction with their service line extension, such valves, stop cocks, check valves, relief valves, pressure regulator, air chamber, tank, float valve, backflow preventer or other apparatus of approved design, when and where, in its opinion, the conditions may require it for the safeguarding and protection of the Authority's property or the water supply.

Should the use of water through a service line connection/extension become excessive during period of peak use, and cause a substantial decrease in pressure in the distribution system of the Authority to the extent that normal water service to the other Customers is impaired, the Authority exercises the right to require the installation of properly designed and adequate storage and other required facilities on the system of the premises involved.

The said facilities shall include all piping, valves, fittings, storage structures, pumps, automatic controls and such other appurtenances as are required to permit the storage of water and delivery therefrom during periods of peak water use on the premises, and thereby avoid a direct use from the system of the Authority during such periods. The basic design of such systems shall be subject to approval by the Authority.

When steam boilers take a supply of water directly from the service pipe, depending upon the hydraulic or hydrostatic pressure in the pipe system of the Authority for their supply under working pressure, it will be at the risk of the parties making such attachments, as the Authority will not be responsible for any accidents or damages to which such devices are frequently subject.

House boilers for domestic use must in all cases be provided with vacuum valves to prevent collapsing when water is shut off from the distributing pipes. The Authority will in no case be responsible for accidents or damages resulting from failure to observe this rule or due to conditions in the distributing pipes, or from the imperfect action of any such valves, or due to such other causes.

- 6.13. USE OF CURB STOPS:** Curb stops at the curb line shall not be used by the Customer for turning on or shutting off the water supply. The control of the water supply by the Customer shall be by means of a separate valve located, in general, just inside the building wall. Curb stops are for the exclusive use of the Authority.

7. NEW SERVICE/WATER AND SEWER MAIN EXTENSIONS

- 7.1. GENERAL:** The extension of water and sewer mains to and from, or connected to, the utility system of the Authority shall be in accordance with the following rules and Act 203, as it amends the Municipality Authorities Act, 53 Pa.C.S. § 5607(d)(31).

All extensions shall be connected to main water and sewer lines owned by the Authority, and shall be dedicated to and become property of the Authority after inspection and acceptance by the Authority.

- 7.2. WHEN EXTENSION IS REQUIRED:** A main extension shall be required by the Authority in all or any one of the following instances:

7.2.1. For the furnishing of service to individual premises whose property line does not abut main water and/or sewer line installed in a public or private right-of-way and owned by the Authority.

7.2.2. For the furnishing of service to a group of individual premises whose property lines do not

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abut main water and/or sewer lines installed in a public or private right-of-way and owned by the Authority.

- 7.2.3. For the furnishing of service to a group of premises located within the limits of a recorded plan of lots where the developer of the plan is desirous of obtaining service for the lots.
- 7.2.4. For the furnishing of public or private fire service to a municipality or a private individual, firm or corporation or others, requesting such service where no Authority-owned mains are installed in public rights of way, or where existing Authority- owned lines are not capable of producing the requested fire flows.
- 7.2.5. For the furnishing of a requested quantity of water service for a premises or group of premises which is beyond the capability of the existing Authority system in the area where service is required.
- 7.2.6. Such other similar instances.

- 7.3. **MINIMUM LENGTH OF WATER MAIN EXTENSION:** The extension of a Main shall include the entire quantity of pipeline and appurtenant facilities required to conduct the supply of water from the existing distribution system of the Authority the entire length of frontage of the last property for which the Owner has requested water service.

All developers shall extend water mains for the entire length of any roads or cartways, as those roads or cartways are shown on the approved subdivision plans, from the point of connection to the existing Authority water Main to the terminus of such roads or cartways at the property line of the developer, or to the end of any cul-de-sac. The Authority may waive this provision regarding spur roads in whole or in part, but only by Board action taken at a regular or specially convened meeting of the Authority.

- 7.4. **MINIMUM LENGTH OF SEWER MAIN EXTENSION/PUMPING STATIONS:** The extension of a sewer main shall include the entire quantity of pipeline and appurtenant facilities required to conduct the flow of sewage from the premises constructed or to be constructed to the existing sewer collection system of the Authority. Sewer collection mains in existing Authority rights-of-way shall extend entire length of frontage of the last property for which the Owner has requested sewer service.

All developers shall extend sewer mains for the entire length of any roads or cart ways, as those roads or cart ways are shown on the approved subdivision plans, from the point of connection to the existing Authority main or any main otherwise installed by the developer to the terminus of such roads or cart ways to the property line of the developer or to the end of any cul-de-sac. The Authority may waive this provision regarding spur roads in whole or in part, but only by Board action taken at a regular or specially convened meeting of the Authority.

In the event that sewer main extensions within any subdivision shall require pumping in order to allow for flow of sewage into the collection system of the Authority, the developer shall be responsible for the planning, construction and dedication to the Authority of such pumping station. The plans of such pumping facilities shall be subject to the review procedure set forth in paragraph 7.6 below. Upon the satisfactory completion of such facilities, such pumping facilities shall be offered for dedication in accordance with the provisions of this Section 7. All costs associated with the planning, construction and maintenance (for an 18-month period by bond or other financial security) of such pumping facilities shall be the sole responsibility of the applicant/developer. 53 Pa.C.S. § 5607(d)(23).

- 7.5. **APPLICATION FOR EXTENSION:** A written application must be submitted to the Authority for the purpose of requesting approval of a Main extension and water service or sewer service there from, said application to be accompanied by plans showing the proposed location of said extensions and other pertinent conditions, said application to be signed by the Owner or Owners, to be subject to the terms

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and conditions as are hereinafter set forth and included herein, and to the execution of an agreement, which application, together with Act 203 of the state of Pennsylvania shall regulate and control the installation of water and/or sewer line extensions and the furnishing of water service there from. The applications shall be accompanied by accurate plans showing the proposed location of the extensions, the layout of the streets and roads, the layout of existing and proposed plans of lots, and other pertinent data, such plans to be in sufficient detail to permit the Authority to review and approve the plans. Applicants for water and/or sewer line extensions shall furnish a preliminary estimate of extension cost. At the time the agreement is executed, the applicant shall be required to deposit one hundred percent of the preliminary estimate cost to cover all expenses incurred by the Authority.

- 7.6. EXTENSION PROCEDURE:** Extensions of water or sewer lines will be performed by the person or persons requesting the extension, as shall be agreed between the parties. The party requesting the Main extension shall be responsible for the payment of the total cost.

Water and sewer line extensions required to serve residential, commercial, and industrial or lot plan developments shall be designed by the Authority or subject to Authority approval, and shall comply with the following conditions:

- 7.6.1.** Plans and specifications for extensions and additions to the water or sewer systems of the Authority which are prepared by persons other than the consulting engineer for the Authority must be prepared by qualified engineering firms. Such plans and specifications so prepared shall be signed and sealed by a responsible engineer of the engineering firm and submitted for approval of the Authority. No construction of any water or sewer main intended to be connected to the systems of the Authority shall be undertaken until such plans and specifications are approved and until a permit is issued by the Pennsylvania Department of Environmental Protection, when approvals and permits are required.
- 7.6.2.** All extensions shall be located on publicly owned streets or on rights-of-way dedicated for installation, construction and maintenance of the extension. Where required rights-of-way are not recorded, the Authority shall be provided with a written right-of-way suitable for recording. Rights-of-way shall be a minimum width of 20 feet and to the extent possible the right-of-way shall be uniform in shape, and parallel to property lines with the water and/or sewer line placed in the middle area of the right-of-way. The entire post-construction right-of-way shall be accessible for maintenance. The right-of-way document shall be accompanied by individual legal descriptions and plots for each lot on which the right-of-way is located, as well as an overall right-of-way location plan for the entire project. Such descriptions and plots shall be in form acceptable to the Authority.
- 7.6.3.** All extensions shall be designed in such manner as will permit future extensions thereof with rights-of-way dedicated therefore whenever applicable.
- 7.6.4.** All water lines and sewer lines shall be constructed in complete accordance with the Authority's standards and specifications, and in accordance with applicable federal, state and local statutes, ordinances and regulations.
- 7.6.5.** The Contractor shall provide the Authority with certificates of insurance in the amounts specified by the Authority.
- 7.6.6.** All work shall be inspected on a full-time basis by the Authority's representative, the Owner to be responsible for the payment of all inspection costs.
- 7.6.7.** The Owner shall be responsible for all Authority costs incurred in connecting to existing Authority facilities.

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7.6.8. Prior to acceptance of completed facilities, the Contractor shall furnish the Authority with an eighteen month maintenance bond or other acceptable financial security in the amount of 15% of the total construction costs.

7.7. DEDICATION: If after completion of any Main installed by a person or a contracting firm other than the Authority, and if an acceptable offer of dedication is not received immediately upon completion of the work, at the Authority's option, the Authority may withhold water or sewer service, or the Authority may discontinue any service improperly instituted by the developer, or the Authority may require the installation of a master meter at the point of connection to the Authority's main, and the installation of all appropriate valves and other appurtenances necessary in order that all water used in the development may be accurately metered at such master meter, with all costs thereof to be borne by the developer/Customer.

7.8. RESPONSIBILITY FOR COST: The entire cost of the requested water main extension and/or sewer main extension, including fire hydrants and other appurtenances shall be borne by the person or persons requesting or requiring the extension, the Authority to be subject to no cost. The Authority will be subject to payment of such refunds as are agreed in writing.

The cost of a water and sewer Main extension or installation shall include the following as applicable:

7.8.1. The cost of all designs and/or plan review.

7.8.2. Except for Pressure Sewer Systems the minimum size shall be eight (8) inches in all locations where the line will serve as a main line and/or is necessary for proper future expansion and development of the system, except a minimum size of twelve (12) inches shall be provided in high density residential, commercial, industrial and institutional areas. At the Authority's option, the Authority may require the installation of a main larger than eight (8) inches in low density residential areas. If the Authority requires an installation of a main larger than eight (8) inches, the Authority shall be responsible for the difference in material costs only between an eight (8) inch main and the main size required by the Authority.

7.8.3. The cost of connections to the existing main lines, including all costs incurred by the Authority.

7.8.4. The cost of all pipe, valves, valve boxes, fittings, fire hydrants and all related work, including the testing of the extension.

7.8.5. The cost of all lands and rights of way.

7.8.6. The cost of all inspection.

7.8.7. The cost of all governmental permits and inspection.

7.8.8. All legal and administrative and overhead costs.

7.9. AGREEMENT: The Owner shall enter into an agreement with the Authority, prior to the execution of any work, the agreement to contain such pertinent conditions as the following:

7.9.1. The cost of all work to be borne by the Owner.

7.9.2. The materials and work quality to be in accordance with the Specifications of the Authority.

7.9.3. The highway, streets, alleys and lanes in which the extension is to be located must be dedicated to public use, the lines and grades thereof established and the rough grading completed. Where a line is located in a private right-of-way, said right-of-way shall be dedicated to the Authority for its use and benefit, in a form acceptable to the Authority.

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- 7.9.4. The ownership title to all pipe and improvements shall be conveyed to and vested in the Authority.
- 7.9.5. The Owner shall be responsible for maintenance of any water or sewer main extensions for a period of 18 months following acceptance and dedication of such improvements by the Authority. The Owner shall be responsible for maintaining cash security, on deposit with the Authority or under a letter of credit acceptable in form and substance to the Authority of an amount equal to 15% of the construction costs as security for Owner's maintenance responsibilities for such 18-month period.
- 7.9.6. The Authority to have the right to make further extensions beyond or laterally from the extensions, such extensions not to be considered as connections subject to any refund.
- 7.9.7. The payment of refunds to the applicant also know as proportionate charge for additional connections made with new Customers connected directly to the extension to be subject to such conditions as set forth in the Agreement, and to connections made within ten years for the payment of refunds. No refunds are to be made unless the distribution or collection part of the tapping fee is received from other consumers for the privilege of obtaining direct service from the extension through a service line connection or sewer lateral.
- 7.9.8. Such other related requirements.

7.10. INSTALLATION SPECIFICATIONS: All water and sewer lines shall be installed in accordance with the detailed specifications of the Authority, some of the pertinent requirements being as follows:

- 7.10.1. Applicable specifications set forth in Appendix B.
- 7.10.2. The valves shall be in accordance with the Authority Specifications and of the same manufacture as the majority of the valves on the remainder of the comprehensive system, unless otherwise approved.
- 7.10.3. The fire hydrants shall be in accordance with the Authority Specifications.
- 7.10.4. All water lines shall be laid with a minimum depth of cover of four (4) feet, properly bedded, backfilled, blocked, subjected to a hydrostatic test for leakage and subject to such other requirements.
- 7.10.5. All connections to existing mains shall be installed at the cost of the applicant.
- 7.10.6. All extensions shall be subjected to a hydrostatic test of 150 p.s.i. or 1.5 times normal operating pressure, whichever is greater, and shall be disinfected in accordance with industry standards.

8. MAINTENANCE OF BUILDING SEWERS

- 8.1. **RESPONSIBILITY FOR MAINTENANCE/GENERAL:** The maintenance of building sewers from the building to the edge of Authority/municipal right-of-way shall be the obligation of the property Owner. Further, in the event the Authority determines that the property Owner or Customer was responsible for causing blockage in an area which would ordinarily be the responsibility of the Authority by placing inappropriate material into the building sewer, the Authority reserves the right to require reimbursement from the Customer.
- 8.2. **BLOCKAGE/ROOTS:** In the event that tree roots are found to be the cause of a blockage and the property Owner refuses to remove the offending tree when it is within Customer's legal authority to do so, the property Owner shall be solely responsible for all future maintenance of the sewer service to Customer's property.

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- 8.3. REPLACEMENT OF BUILDING SEWER:** In the event it become necessary to replace a building sewer the property Owner or Customer shall notify the Authority and such a replacement shall be subject to the specifications and inspection provisions of Section 5 of these rules. The Owner/Customer shall be responsible for all costs of replacement of the building sewer.

9. METERS

- 9.1. GENERAL:** All meters, unless otherwise indicated, will be furnished and installed by the Authority, subject to the fees (Customer Facilities Fee) currently in effect, and will remain the property of the Authority and be accessible to and subject to its control and maintenance. Meters of the Fire Type will not be installed for general service. A meter will be required for each premises and for each separate service line connection/extension supplying a premises except as otherwise provided herein.
- 9.2. SIZE OF METER:** The Authority reserves the right in all cases to determine the size and type of the meter to be installed on each service line and to require the installation of a larger size meter in any case where the peak use of water places any meter under undue or unusual strain and/or exceed the recommended meter capacity, and reserves the right to charge the Customer Facilities Fee currently in effect for the larger meters.
- 9.3. LOCATIONS:** The location for the meter and/or remote reading equipment shall be subject to the approval of the Authority, shall be at a convenient and accessible point, shall permit control of the entire supply and shall allow proper protection of the meter from freezing or other harm. Meters are not allowed in crawl spaces. No fixture shall be attached to, or any branch made in, the service pipe between the meter and the street main.
- 9.4. METER PITS:** In cases where it is not practical to place the meter within a building, or if Authority in its sole discretion believes it to be in its best interests, the Authority may require the property Owner to furnish, inside the property line, an approved meter pit with a suitable cover, such installations to be made in accordance with a plan furnished or approved by the Authority. The design of the meter pit shall permit adequate access to the meter and its ready installation or removal.
- 9.5. INSTALLATION OF METER:** All piping fittings, valves, check valves, gauges, bolts, nuts, meter pit structures, manholes or other accessories or materials, and the labor for installing the same, used in connection with meter settings within the property line of the premises, shall be at the expense of the applicant. The Customer shall employ for this work the services of skilled repair person, who shall cooperate with the Authority and install all the piping and appurtenances in accordance with the dimensions and requirements for each specific case, so that the meter or meters can be properly installed and connected by the Authority.

The Customer shall furnish and install on the service line a valve on the street side immediately before the meter. A suitable backflow preventer check valve and a valve on the outlet side immediately after the meter shall be furnished and installed by the Customer, and as provided in Section 15.6 of these rules.

Under certain conditions where there is a demand or necessity for uninterrupted water service in order to eliminate inconvenience to both the Customer and the Authority when repairs to or replacement of the meter is necessary, the Authority may, at its option, require the installation of a battery of two or more meters on the one service line, with a combined capacity approximately equal to the capacity of the single meter requested. Such installations shall be properly valved to control or cut any single meter out of service and permit its removal without interruption of service through the remaining meter or meters.

- 9.6. MAINTENANCE, CARE AND RESPONSIBILITY FOR DAMAGE:** The Authority will maintain all meters at its

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expense. The Customer is liable and responsible for the condition of internal plumbing under paragraph 3.10 above. In the event of damage to or failure of the meter, the Customer shall promptly notify the Authority. The Authority will furnish and set another meter to replace the one frozen or damaged. The cost of the replacement meter and related costs with the repair, including parts, labor and transportation charges, as well as the cost of testing shall be billed to the Customer if the replacement was necessitated by damage caused by the Customer or Customer's invitees.

- 9.7. METER TESTS:** Should the Customer or the Authority at any time doubt the accuracy or correctness of the meter measuring water delivered to the Customer's premises, the Authority will, upon a written request of the Customer, make a test of the accuracy of the meter. If the meter so tested shall be found to be accurate with in industry standards, the actual cost of the test shall be paid to the Authority by the Customer requesting such test. If the meter is found to be defective, the cost of the test shall be borne by the Authority. When making such request, the Customer agrees to these terms, and must pay the test charge in advance if required by the Authority.

A report of each test shall be made to the Customer.

In the event the meter so tested is found to have an error in registration in accordance with industry standards, the cost of the test will be borne by the Authority and any fee paid by the Customer in advance will be refunded. The bill, based on the last reading of such meter or meters, shall be corrected accordingly. This correction shall apply both for over and under registration for a period not to exceed two billing periods.

The Authority reserves the right to remove and test any meter at any time at its own expense and, if such meter is found to be inaccurate, to substitute another meter of the same size in its place, either permanently or temporarily.

- 9.8. CHANGE OF LOCATION OF METERS:** The Customer shall pay for the cost of relocation of all meters made at the Customer's request or for their convenience.
- 9.9. 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 reserves the right to remove the meter for test at the expense of the Customer, even though said meter registers accurately.
- 9.10. LEAKS:** Customers are urged to give careful attention to their plumbing and fixtures and make immediate correction of all leaks. No allowance will be made by the Authority for water used, lost, stolen or otherwise wasted through the water meter. No allowance or adjustments will be made by the Authority for the sewer bill due to a water leak.
- 9.11. READING AND REGISTRATION OF METERS:** Conditions permitting, readings of meters shall be taken monthly. The quantity recorded by the meter shall be taken to be the amount of water passing through the meter, which amount will be conclusive on both the Customer and the Authority, except when the meter has been found to be registering inaccurately or has ceased to register. In such cases, and in cases where a meter reading cannot be made for any reason, billing shall be made on estimated consumption based on prior usage.
- 9.12. ACCESS TO METERS:** The Authority at all reasonable times shall have access to a Customer's premises and to meters, service connections and other property owned by it on Customer's premises, for the purpose of meter installation, maintenance, operation and reading. The failure to permit reasonable access shall be sufficient cause for discontinuance of service.
- 9.13. NOTIFICATION RELATIVE TO CONDITION OF METER:** The Customer shall notify the Authority of

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damage to or of the malfunction of the meter, or of the breaking of the seal wire, as soon as the Customer is aware of such a condition.

- 9.14. MINIMUM CHARGE:** Every meter is installed subject to a fixed minimum monthly charge in accordance with the rates thereof, for which certain quantities of water will be allowed without additional charge; and where more than one premises is furnished service through one meter, the same fixed minimum monthly charges shall apply for each and every premises. Such minimum shall be nonabatable for a nonuser of water.

10. (RESERVED FOR FUTURE USE.)

11. PUBLIC FIRE SERVICE

- 11.1. APPLICATION FOR FIRE HYDRANT AND LOCATION:** A written request must be submitted by any municipality that is served water by the Authority, for the purpose of requesting the installation of public fire hydrants, said application to be signed by duly authorized officials of the municipality.

The application must be accompanied by a plan showing the proposed location of each fire hydrant on the public highway or public property, showing the line and grade of the highway or area and such other data.

The Authority will determine whether proper service can be furnished at the fire hydrant under normal and ordinary conditions, subject to the size of the existing street main, to the sizes of the lines in the surrounding distribution system, to the available pressures and to such other factors. The municipality will be advised relative thereto.

A fire hydrant installation is intended to include a tee and other fittings required in the main line, a branch 6-inch line with valve extending from the tee placed in the main line to the fire hydrant, proper blocking of the fire hydrant, the tee and other fittings, and such other work as is indicated on the standard plans of the Authority relative to fire hydrant installations.

- 11.2. MAINTENANCE:** All public fire hydrants will be inspected by the Authority at its own cost and expense. Any expense for repairs caused by carelessness or negligence of any person operating a hydrant such person shall be liable for repairs. Private fire hydrants shall be inspected by the Authority. Any cost for repair of shall be at the Owner's expense.

- 11.3. HYDRANT USE:** Only persons with prior authorization from the Authority shall be permitted to remove water from any public fire hydrant or hose plug, except for firefighting purposes or for use by fire department training, in which event prior approval shall not be required. Specifically, no public fire hydrant shall be used for sprinkling streets, flushing sewers or gutters or for any other purpose (except fire fighting) without the approval and issuance of a permit by the Authority, said permit being subject to revocation at any time. If a fire hydrant is used for a fire department, municipality or other person for firefighting purposes, such party or parties shall thereafter immediately notify the main office of the Authority of such use, to allow the Authority an opportunity to check the condition of the hydrant or hydrants after such use.

Private individuals, developers or contractors desiring to use a fire hydrant, for other than fire fighting purposes, must first make application to the Authority. After application has been made, if permission to use a fire hydrant is granted by the Authority, the permittee will be required to pay a hydrant opening fee and shall be required to pay for all water used based upon the bulk water rates then in effect. Use of a fire hydrant, upon appropriate application and permission, may only be performed under the direct supervision of an authorized agent of the Authority.

The use, or opening, of any fire hydrant for private usage without the authorization of the Authority is a

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summary offense as specified in 18 Pa. C.S. § 3306.

- 11.4. CHANGE OF LOCATIONS:** Whenever a municipality or person or persons desires a change in the location of any fire hydrant, the Authority, upon receiving written notice to do so, will make such a change if determined feasible, at the expense of the municipality or person or persons making the request, subject to the right of the Authority to refuse such location because of size or main pressure, condition of distribution system and other reasonable causes. Authority reserves the right to require prepayment of all costs.
- 11.5. INSPECTION:** Upon request the Authority will make inspections at convenient times and at reasonable intervals to determine the condition of the fire hydrants, such inspections to be made by a representative of the Authority.

12. PRIVATE FIRE SERVICE

- 12.1. APPLICATION FOR PRIVATE FIRE PROTECTION SERVICE:** A written request must be submitted to the Authority for the purpose of requesting a special fire connection for private fire protection service, such application to be signed by the Owner of the premises or their duly authorized agent, said application to be subject to such fees and terms and conditions as are hereinafter set forth and included therein, and to the execution of a contract, which applications, together with the rules of the Authority, shall regulate and control the furnishing of such services to such premises, and said application to be submitted at least two months before the service line is required.

The request shall be accompanied by accurate plans showing the proposed fire protection system and appurtenances and showing any other water supply system and appurtenances, which may exist on the premises. No fire protection facilities involving the use of Authority water shall be installed at any time and no changes in or additions to said fire protection facilities shall be made without prior approval by the Authority, said fire protection facilities to include all pumping and/or mechanical means of taking water from the Authority System, storage tanks and all such facilities. All approvals will be subject to Section 13 Responsibility for Fire service and shall be subject to such restrictions and limitations as established by the Authority.

- 12.2. APPROVAL OF APPLICATIONS:** The application does not bind the Authority to approve the requested special connection. The Authority will study each proposed installation to determine whether such a connections is reasonable and practical, and whether such a connection will in any way endanger the general water service in the vicinity; the Authority reserving the right to refuse approval of an application relative thereto. The Authority further reserves the right to make an approval subject to the installation of adequate storage facilities and related appurtenances on the premises thereof, if found necessary in order to permit maintenance of adequate water service to other Customers.

- 12.3. TERMS AND CONDITIONS:** The final approval of an application and furnishing of private fire protection service will be subject to the execution of a contract between the responsible parties and the Authority, containing the following terms and conditions and containing such other terms and conditions as are found necessary:

12.3.1. The Authority, by its representative, shall have the right to enter the premises of the applicant at any reasonable time for the purpose of making such inspections as it may deem necessary, and it shall have the right to attach any testing device or use any means which it may elect to ascertain the condition of the pipe and appurtenances and uses made of same.

12.3.2. The fire service line connection from the street main up to and including the curb or valve box and control valve shall be installed at the expense of the applicant; that all other pipe, fixtures and appurtenances shall be installed in accordance with the requirements set forth

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relative to service line and/or water main extensions and maintained in good condition by and at the expense of the applicant. In such instances where the service line connection is approved to provide fire protection service and other metered service, always being subject to a design satisfactory to the Authority, the control valves on the fire service line may be installed on the property of the premises at approved locations.

- 12.3.3. The Authority may require a metered detector check.
 - 12.3.4. The said control valve shall be under the control of the Authority, except during the times of fire when it shall be under the control of the Chief of the Fire Department of the municipality in which the premises are located.
 - 12.3.5. All fixtures and openings (other than the controlling valves) shall be kept closed and sealed and not opened or used except during times of fire. Upon the extinguishment of each fire, the applicant shall immediately notify the Authority so that said fixtures and openings can again be closed and sealed.
 - 12.3.6. The applicant agrees the Authority shall not be considered in any manner an insurer of property of persons, or to have undertaken to extinguish fire or to protect any person or property against loss or damage by fire or otherwise.
 - 12.3.7. The applicant shall furnish, attach and make a part hereof an accurate sketch showing the pipes, valves, hydrants, tank openings and appurtenances contemplated in this application. Such sketch must also show any other water supply system and pipelines and appurtenances, which may exist, on the premises. There shall be no connection between the private fire service line and the Authority's system.
 - 12.3.8. The rights and obligations of the applicant hereunder shall be further subject at all times to the rules of the Authority that now exist or which may hereafter to be adopted.
 - 12.3.9. The applicant agrees to obtain in advance the approval of the Authority for any change, alteration, addition or deduction contemplated in the fixtures, openings and uses herein specified.
 - 12.3.10. Upon acceptance by the Authority and the completion of the fire service connection herein contemplated, the application shall be in force as a contract and shall continue as such until cancelled by notice, given by the applicant to the Authority.
 - 12.3.11. The Authority has the right to discontinue or disconnect said service pipe and terminate the application, for failure to pay any bill when due or for any violation of any of the terms and conditions of this application, or for any violation of its rules; and, in emergencies, also has the right, without notice, to shut off all or any part of its facilities and discontinue the service when deemed necessary by the Authority for the purpose of making any repairs, alterations, additions or to prevent possible contamination through cross-connected facilities of the applicant or to prevent negligent or willful waste of water through the facilities of the applicant.
- 12.4. **METER REQUIREMENTS - PRIVATE FIRE SERVICE CONNECTIONS:** Meters and detector checks will be installed on connections providing service for fire protection. The fire service shall be subject to the rates established for Private Fire Service.
- 12.5. **GENERAL CONDITIONS - PRIVATE FIRE HYDRANTS:** The private fire hydrant or fire hydrants installed on a separate fire service main, subject to all the foregoing requirements, will be subject to charges as set forth under the rate schedule.

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When permission is granted by the Authority to a private party for a private fire hydrant which is to be located in a public street or thoroughfare, said hydrant, with service connection, will be installed at the expense of the applicant.

When a hydrant is to be located within the yard of the Customer's premises, the entire installation, from the street main to and including the hydrant, shall be installed at the expense of the Customer.

Such connections, where allowed, are to be used solely for the extinguishment of fire and for no other purpose, except upon the written consent of the Authority.

- 12.6. COST OF FIRE SERVICE CONNECTION:** All service connections for flat rate fire service, also those for metered fire services, which are specified to be at the expense of the Customer, shall be installed by the Customer will be responsible for all cost of labor and materials used in the work, plus such other applicable fees.

13. RESPONSIBILITY FOR FIRE SERVICE

- 13.1. RESPONSIBILITY FOR SERVICE:** It is agreed by the parties receiving public fire service, private fire service, or any other service, that the Authority does not assume any liability for injury of persons or property and that the Authority does not guarantee any special service, pressure, capacity or facility other than can be supplied by the ordinary and changing operating conditions of the Authority, as the same exist from day to day. It is agreed by the parties receiving service that the Authority shall be free and exempt from any and all claims for injury to persons or property by reason of fire, water, and failure to supply water pressure or capacity.

14. BILLS, PAYMENT AND TERMINATION OF SERVICE

- 14.1. PLACE OF PAYMENT:** All bills are payable at 116 Crestview Road, P.O. Box 157, Slippy Rock, Pennsylvania, 16057 or any pay agency as designated by the Authority.

14.2. COMPUTATION OF SEWER AND WATER CHARGES:

14.2.1. Water and sewer charges shall be based principally upon actual metered water consumption with exceptions as hereafter noted. The volume of water actually used and metered shall generally form the basis for billing water charges. The volume of water used for sewer charges shall include any and all metered water purchased from the Authority and in addition all metered water obtained from any other source. All water and sewer charges shall be computed in accordance with the rate schedule for water and sewer charges as adopted by the Authority and then in effect. All water used from any source by commercial or industrial establishments must be metered and shall be billed in accordance with Authority rates then in effect.

14.2.2. Whenever any person discharges or permits to be discharged any material into the sewer system by any means other than through a connection approved in accordance with these rules, the Authority reserves the right to estimate the quantity and strength of the material and to make appropriate charge based on such estimate.

14.2.3. Minimum Monthly Charges: Each Customer shall be subject to a fixed minimum monthly charge based on the size of the meter and/or the number of units serviced by a single meter. The use of certain quantities shall be included with the minimum charge. Such minimum charges shall be non-abatable for a non-user of water and/or sewer, and non-cumulative against subsequent consumption. See rate schedule for Minimum Monthly Charge.

- 14.3. BASIS FOR PREPARATION OF BILLS:** All bills for services furnished by the Authority will be based on the rate schedule of the Authority then in effect. All bills shall be rendered and are due and payable monthly

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each premises will be subjected to a fixed minimum monthly charge for each meter, based on the size of the meter and in accordance with the rate schedule, the use of certain quantities of water being allowed for each size meter without additional charge. Such minimum charge shall be nonabatable for a nonuser of water, and noncumulative against subsequent consumption. The charges for the use of water in excess of the quantities allowed for each size meter will be as set forth in the rate schedule.

The Owner of every premises shall be liable for the payment of all bills.

The charges for private fire service shall be due when rendered.

The charges for temporary service and other miscellaneous service shall be at the bulk water rate set forth elsewhere herein and/or in the rate schedule.

- 14.4. BILLS RENDERED AND DUE:** All billings are due and payable on the first day of each month following previous month's services. Any Customer failing to pay any charge in full within eighteen (18) days after the charge is due shall be subject to a penalty of ten percent (10%) of the amount of such charge. The Authority shall have the right to terminate service from the delinquent premises and not restore the service until all delinquent charges, including a restoration fee, shall have been paid in full.

If bills are not paid within the required period during which the gross amount shown thereon applies, a delinquent notice shall be served as provided hereafter and service may be terminated as provided hereafter.

If service is thus discontinued it will not be restored until all unpaid bills and charges, including the turn-off and turn-on charges are paid or satisfactory arrangements made for payment.

The Authority shall mail or deliver the bills and notices to the Owner/Customer at this address given in the application for service and the Authority shall not be responsible for the delivery thereto. Failure to receive bills will not be an excuse for nonpayment.

Any check received by the Authority in payment of any bill due the Authority which check is returned unpaid by the bank for any reason, shall be charged against the account involved and, in addition, charges shall be made against said account for cost of handling, for each call for collection and for any other costs involved, such charges to be as currently in effect.

- 14.5. TERMINATION OF WATER SERVICE/NON-PAYMENT:**

14.5.1. The Authority reserves to itself the right to terminate water service for non-payment of any water or sewer bills, fees, charges or other sums due to the Authority. Termination of water service shall be regulated by these rules.

14.5.2. A Reminder Notice shall be mailed to the Customer, specifying such violation of these rules as has occurred, and informing the Customer that, unless the Customer remedies the violation within the specified period, water service will be terminated.

14.5.3. A Shut-Off Notice shall be delivered to the Customer's premises by Authority Personnel. This notice informs the Customer that delinquent bill must be paid in full by the date specified or water service will be terminated.

15. CROSS-CONNECTIONS AND INTERCONNECTIONS

- 15.1. PURPOSE AND INTENT:** It is the purpose and intent of this Section of the rules to protect the distribution system of the Authority from the possibility of contamination or pollution by isolating within its Customers private water distribution system or systems, such contaminants or pollutants which could backflow into the water distribution system of the Authority. It is the intent of this regulation to provide for the maintenance of a continuing program of cross-connection prohibition and

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interconnection control, which will systematically and effectively prevent contamination, or pollution of the water distribution system of the Authority. A water usage survey form can be found at www.srmaws.com.

15.2. RESPONSIBILITY OF RESIDENTAL CUSTOMER: Each Customer shall take proper precautions in order to protect the distribution system from contamination or Pollution due to backflow through the water service connection. The Authority or designated agent shall determine the degree of hazard to the distribution system and require, at the Customer's expense and at the Authority's discretion, installation of an approved backflow prevention device at the water service connection. The Authority or its designated agent also shall give notice in writing to said Customer to install such an approved backflow prevention device at each service connection. Residential connections are required at a minimum to have a residential dual check valve and thermal expansion tank.

15.3. RESPONSIBILITY OF COMMERCIAL ESTABLISHMENTS (SEE 1.10 ABOVE): Each Customer shall take proper precautions in order to protect the distribution system from contamination or Pollution due to backflow through the water service connection. The Authority or designated agent shall determine the degree of hazard to the distribution system and require, at the Customer's expense and at the Authority's discretion, installation of an approved backflow prevention device at the water service connection. The Authority or its designated agent also shall give notice in writing to said Customer to install such an approved backflow prevention device at each service connection.

The Authority or its agent shall require at the Customer's expense annual or more frequent testing, proper maintenance and repair, and adequate records of each test and subsequent repair, including material or replacement parts for each installed, approved backflow prevention device. The Customer as a condition of service or continued service must send to the Authority the written test results and/or repair information to the Authority. Failure, refusal, or inability on the part of the Customer to install, test, maintain, repair, or keep record of safe devices, shall constitute a ground for the Authority to discontinue the water service of said Customer. The testing of backflow prevention devices shall be done only by individuals who are deemed as qualified and approved prior to said testing by the Authority.

15.4. GENERAL REQUIREMENTS CONCERNING CROSS-CONNECTIONS/INTER-CONNECTIONS: No cross-connections shall be permitted. Cross-connection is defined in paragraph 1.13. above. No water service connection to any Customer shall be installed or maintained in the Authority water system unless said connection is adequately protected for backflow prevention as required by these rules. Service of water to any Customer shall be discontinued by the Authority or its agents if any approved backflow prevention device, required by these rules is (a) improperly installed, or (b) not installed, or (c) not regularly tested and maintained, (d) removed, bypassed or inaccessible to the Authority water system's personnel or agents for the purpose of inspection or testing, or (e) if adequate records of test results for approved backflow prevention devices are not kept and forwarded in writing to the Authority.

Acceptable interconnections as defined in paragraph 1.1 above shall be permitted provided the Customer maintains positive backflow prevention devices between the interconnection piping of the two separate systems. The Customer shall submit an application for acceptable interconnection and shall include in the application the specific type of device to be installed for the Authority's approval.

15.5. DISCONTINUANCE OF SERVICE:

15.5.1. Without Notice: Delivery of water shall be discontinued immediately and without notice to the Customer if Slippery Rock Municipal Authority, the Pennsylvania Department of Environmental Protection or the U.S. Environmental Protection Agency determines that the Authority water distribution system is being or is in immediate danger of being contaminated

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or polluted.

15.5.2. With Notice: If the Authority seeks to discontinue service for violation of Section 15 of the rules, the Authority will provide the Customer with a notice which shall state the conditions or defects which must be corrected and the date on or after which delivery of water will be discontinued which shall be not less than fifteen (15) days following the date of the notice. The Authority may grant to the Customer an extension of time to comply if in the Authority's opinion the Customer has exercised due diligence but has been unable to comply with the notice within the time period originally given.

15.6. INSPECTION OF BACKFLOW DEVICES:

15.6.1. Inspection Responsibility by Customer: It shall be the responsibility of the Customer at any premises where a backflow prevention device or devices are installed or already in place to have a thorough inspection and operational test performed at least once a year, or more often if previous inspections indicate a need. Inspection and operational tests shall be performed immediately following installation of or maintenance and repair to a backflow prevention device. Each device shall be repaired, overhauled or replaced at the expense of the Customer whenever it is found to be necessary.

15.6.2. By Authority: Customer's water system shall be open for inspection at all reasonable times to authorize representatives of the Authority or its agents, to determine the adequacy of backflow prevention device records, whether cross-connections or violations of these RULES exists, the degree of hazard to the Authority water distribution system or for the inspection and operational testing of backflow prevention devices. Each Customer, as a condition of the continued delivery to said Customer's premises of community water supply, shall be considered as having consented to entry upon said Customer's premises by Authority personnel for the purposes stated herein.

15.7. INSTANCES REQUIRING BACKFLOW DEVICE: An approved backflow prevention device shall be installed at the expense of the Customer on each service line connection/extension after the water meter or immediately inside the building being served, but, in all cases before the first branch line leading off the service connection lines wherever the following conditions exist:

15.7.1. In the case of the Customer having an auxiliary water supply, which is not approved by a duly authorized regulatory agency or acceptable to the Authority, the distribution system shall be protected by installing an approved backflow prevention device in the Customer's service line or lines.

15.7.2. In each case when a Customer has any industrial fluids or any other objectionable substance being handled in such a manner as to create an actual or potential hazard to the distribution system including handling of Authority water which has been processed or otherwise subjected to deterioration in quality; or

15.7.3. In each case when a premises has an internal cross-connection which cannot be permanently corrected or controlled, or intricate plumbing and piping arrangements, or entry to all portions of the premises not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not cross-connections or the hazard they impose exist.

15.8. TYPE OF DEVICE REQUIRED: The type of backflow prevention device required shall depend upon the degree of hazard, as determined by the Authority or its designated agent, which exists as follows:

15.8.1. For assistance in determining the type of device required see "Water Usage Survey form" at

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www.srmaws.com.

- 15.8.2. All residential dwellings require a minimum of a residential dual check (RDC) and a thermal expansion tank.
- 15.8.3. In the case of health hazards as defined in the definitions hereto, a reduced pressure zone Assembly (RPPD or RPZA) or Air Gap shall be installed in the Customer's service line or lines at the Customer's expense.
- 15.8.4. When an Air Gap is used at the service connection to prevent the contamination or pollution of the public potable water system, it is required that an emergency by-pass be installed around the Air Gap system and an approved reduced pressure principal device shall be installed in the by-pass system.
- 15.8.5. In a case of pollution hazards as defined hereinbefore, a double check valve assembly (DCVA) shall be installed in the Customer's service line or lines at the Customer's expense.
- 15.8.6. All presently installed backflow prevention devices which do not meet with the requirements of an "approved" device which can be shown to have been adequately inspected, tested and maintained, shall be acceptable and approved as long as the authority is assured that these devices can adequately protect the distribution system. If however, the existing device is moved from its present location, requires more than minimum maintenance, or maintenance will constitute a health hazard, the device must be replaced by an approved device.
- 15.8.7. All devices must be ASSE approved and lead free.
- 15.8.8. Multi-family dwellings of more than two, served by one service line are to be considered commercial establishments.

15.9. **NO ALTERATION OF DEVICE:** No Customer shall alter, bypass or render ineffective or inoperable any backflow prevention device approved and covered by these rules without the written consent of the Authority.

15.10. **PRIVATE WELL CONNECTION:** Customers who have previously obtained their water supply from a private well or wells located on their property and who will or have applied for a water service line connection from the Authority shall physically disconnect the well supply from their internal plumbing system or install approved backflow prevention device that is approved by the Authority.

16. GENERAL RESTRICTIONS OF HARMFUL DISCHARGES

16.1. **HARMFUL DISCHARGES PROHIBITED:** The 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 pre-treatment of wastewaters by any person using the sewer system in order to prevent discharges deemed harmful, or to have a deleterious effect upon any portion of the sewer system.

17. GENERAL INFORMATION

17.1. **NO ABATEMENT OF WATER OR SEWER RENTALS OR CHARGES:** There shall be no abatement of water or sewer rentals or service charges imposed by these rules unless the property with respect to which an abatement is requested shall have been physically disconnected from the water and sewer system in a manner satisfactory to the Authority. It is intended by this Section to prohibit any abatement of water or sewer rentals or water or sewer service charges for any period during which a property connected to the water or sewer systems of the Authority shall have been vacant or unoccupied unless the property is physically disconnected, as aforesaid.

17.2. **INSPECTION:** Authorized employees of the Authority shall have access to the Customer's premises at all

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reasonable hours, for the purpose of turning the water on or off; inspection, repair and/or replacement of service lines and service line Extensions; inspections, setting, reading, repairing, replacing and removal of meter; and for all such justifiable purposes.

The Authority shall have the power to make such excavations as are required for the proper execution of the work.

17.3. TURN-ON CHARGE: When water has been turned off because of an unpaid bill or violation of the terms of the application or rules of the Authority, a turn-on charge, currently in effect must be paid before water service is restored.

17.4. INTERFERENCE WITH AUTHORITY'S PROPERTY: No repair person, Owner, tenant or other unauthorized person shall turn the water on or off at any corporation cock or curb stop or break the seals, disconnect or remove the meter, or otherwise interfere with the Authority's property.

For unauthorized operation of street valve, curb stop, service cock or other service connection, the person owning the premises served by the line connected to said street valve, curb stop, service cock or other service connection shall be required to pay the fee in effect and any costs required in connection with damage to these facilities.

17.5. ONLY RULES BINDING: No agent or employee of the Authority shall have Authority to bind it by any promise, agreement or representation not provided for in these rules without approval of the Authority Board.

17.6. 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 their address as shown on the records of the Authority. Failure on the part of the Customer to receive a notice or a bill following proper service by the Authority shall not excuse the Customer for payment of all amounts due, including penalties for late payment.

The Authority will send all such notices and bills to the address given on the application for water supply until a notice or change, in writing, has been filed with the Authority by the applicant.

All notices of a 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.

17.7. COMPLAINTS: Complaints relative to the character of the service furnished or the reading of meters or of bills rendered must be made in writing and delivered to the main office of the Authority.

17.8. 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 a given quantity of water through any service connection, whether for domestic, commercial, industrial, manufacturing or other general uses, or for public or private fire protection purposes, or for any other special purposes; but the Authority will at all times and under all conditions endeavor to maintain the efficiency of its service.

The Authority shall have the right to temporarily cut off the water supply in the case of breaks, emergencies, or for any other reasonable cause, in order to make necessary repairs, connections and do such other work. In such cases, the Authority shall not be liable for any damage or inconvenience or any claim for interruption of service, lessening of supply, inadequate pressure, poor quality of water and such other reasons.

17.9. RESTRICTION OF SUPPLY: The Authority reserves the right to restrict the supply of water in case of scarcity or whenever the public welfare may require it, and to reserve a sufficient supply of water at all

SLIPPERY ROCK MUNICIPAL AUTHORITY

times in its reservoirs to provide for fire and other emergencies.

- 17.10. WATER HAMMER:** No use of water will be permitted which may or does cause water hammer.
- 17.11. BULK WATER SALES:** All bulk water sales will be at the discretion of the Authority. Authority personnel will determine the time and location for filling tanks. The Authority will not be responsible for the quality of water received. Purchasers of bulk water shall provide the Authority with name, billing address, and credit references prior to receiving water. Payment shall be due and payable within fifteen days of receipt of invoice. Rates for bulk water are based on the current Fee Schedule. Bulk water service may be terminated at any time for non-payment of invoices, failure to abide by established rules, or water shortages due to drought, fire or other causes.
- 17.12. SWIMMING POOLS:** The filling of swimming pools shall, in general, be subject to the following:
- 17.12.1.** The rate of filling shall not be excessive and/or cause any disturbance or serious pressure drop in the existing Authority system, and be subject to approval of the Authority.
 - 17.12.2.** No swimming pool shall be filled except through a metered connection.
 - 17.12.3.** There shall be an approved backflow preventer on all swimming pool fill lines or a visible air gap.
 - 17.12.4.** The Customer can request to have Authority water used to fill a swimming pool to be deducted from a sewer bill if prior arrangements acceptable to the Authority have been made.
- 17.13. MISCELLANEOUS WORK AND SERVICE FURNISHED BY THE AUTHORITY;** The cost of repair and/or restoration of Authority facilities damaged due to the actions of others, including the cost of lost water, shall be paid for by those responsible therefore. All bills for such work and services furnished by the Authority shall be rendered by the Authority and be due and payable within fifteen (15) days after the date of presentation. Acceptance or remittance of such bills on the last day of this fifteen (15) day period shall be determined as evidenced by the postmark of the United States Post Office. The Authority, if necessary, will take appropriate legal action to recover all monies due if payment is not made to the Authority.
- 17.14. TAPPING FEES:** Pursuant to Act 203, the Authority has established a tapping fee schedule for all connections to main water lines and sewer lines, such fees to vary, subject to the conditions under which the main line or lines have been installed and such other factors, as set forth in the tapping fee schedule.
- The tapping fee varies for each individual size connection, amount of water usage, and may differ depending on whether the connection is on a line installed by the Authority and/or others, whether the main line is subject to an agreement with others involving reimbursement conditions as related to connections to the line or lines, whether the main line was installed under an assessment program, and to whether there are any other special conditions.
- 17.15. ATTORNEY'S FEES AND COSTS:** Attorney's fees and costs imposed upon delinquent Customers, which are delinquent in payment of any rates or other charges due to the Authority, in accordance with the procedures set forth in Act 1996-1 and in accordance with the fee schedule adopted by the Authority as amended, from time to time.
- 17.16. VIOLATION OF RULES AND REGS:** Anyone in violation of these rules and regulations shall be charged the violation fee on the Fee Schedule.
- 17.17. CONDITIONAL WAIVERS OF SERVICE:** The Authority asserts its primary right to provide water and

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sewer service in its service area comprising the Borough of Slippery Rock, and Slippery Rock Township, Butler County, PA. Notwithstanding the Authority's primary right to provide such service, the Authority may, upon written consent to the Authority after consideration by the Board, waive its right to provide service in order to permit an applicant to receive service from another water or sewer service provider. The tender of such waiver shall provide that in the event adequate service capabilities are installed by or for the benefit of the Authority in the future, upon written notice, that applicant will switch its water or sewer service (as the case may be) to service by the Authority within ninety (90) days of such notice. Any applicant seeking such a waiver shall agree in writing to these terms and provisions as a condition of such a waiver being granted by the Authority.

- 17.18. COPIES OF RULES:** Copies of these rules may be obtained at the office of the Authority for \$20.00 per copy. Copies are available for review at the office of the Authority at all times during regular working hours.

18. EFFECTIVE DATE

These rules compile the existing and presently effective and previously adopted policies of Slippery Rock Municipal Authority, as amended and enacted this 12th day of September, 2018, effective October 15, 2018, by Resolution of the Board of the Slippery Rock Municipal Authority at a regularly scheduled meeting of the Board held that date, a quorum being in attendance and upon motion made, seconded and unanimously adopted.

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Appendix A

RATES AND FEES TO BE PAID FOR WATER SERVICES OR FOR WATER AND SEWER SERVICES A-1

➤ **NOTE:**

- **RESOLVED AND ADOPTED, September 12, 2018.**
- All rates and fees to be paid for water service or for water and sewer services shall become **effective September 12, 2018.**
- All other resolutions inconsistent herewith are deemed rescinded.

RESIDENTIAL WATER - CAPITAL CHARGE FEES A-2

RESIDENTIAL SEWER – CAPITAL CHARGES FEES A-3

NON-RESIDENTIAL WATER -- CAPITAL CHARGE FEES..... A-4

NON-RESIDENTIAL SEWER – CAPITAL CHARGE FEES..... A-5

➤ **NOTE:**

- **RESOLVED AND ADOPTED, September 12, 2018.**
- All tapping fees, connection fees and customer facilities fees shall become **effective September 12, 2018.**
- All other resolutions inconsistent herewith are deemed rescinded.

SLIPPERY ROCK MUNICIPAL AUTHORITY

RATES AND FEES TO BE PAID FOR WATER SERVICES OR FOR WATER AND SEWER SERVICES

Monthly Minimum Rate Effective September 12, 2018	Customer Service Fee	Gallons inclu ded	Minimum Water Rate	Minimum Sewer Rate
1-inch or less meter (Rate X Number of Units)	\$9.00	1,000	\$7.25	\$9.25
1½- inch meter	\$40.00	10,000	\$72.50	\$92.50
2-inch meter	\$45.00	20,000	\$145.00	\$185.00
3-inch meter	\$75.00	30,000	\$217.50	\$277.50
4-inch meter	\$150.00	50,000	\$362.50	\$462.50
6-inch meter	\$225.00	100,000	\$725.00	\$925.00

Fee Schedule (Effective September 12, 2018)	
Service Deposit (refundable)	\$100.00
Name/Address Change Fee (for copies of bills)	\$10.00
Service Activation Fee (service was not shut off)	\$20.00
Service Activation Fee (temporary or hydrant)	\$40.00
Service Restoration Fee (temporary or hydrant)	\$62.50
Service Restoration Fee - After Hours (service was shut off)	\$92.50
Meter Reading (outside normal schedule)	\$31.25
Returned Check for Insufficient Funds Fee	\$25.00
Municipal Lien Letter Fee	\$25.00
Meter Accuracy Test Fee	\$40.00
Damaged Meter Fee	\$50.00
Private Fire Hydrant Fee (per year)	\$150.00
Private Sprinkler System Fee (per year)	
2-inch riser	\$50.00
2½-inch riser	\$70.00
3-inch riser	\$100.00
4-inch riser	\$200.00
6-inch riser	\$400.00
8-inch riser	\$800.00
Bulk Water Sales	
Customer Service Fee (per load)	\$6.00
Charge per 100 gallons	\$1.00
Violation of Rules and Regulations (per occurrence)	\$300.00

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TAPPING AND CONNECTION FEES FOR WATER AND SEWER

1. **Residential Tapping and Connection Fees for Water and Sewer** for single family dwellings served by public water:

- 1.1. **Residential Water - Capital Charge Fees**

- 1.1.1. **Connection by Authority**

Connection Fee and Customer Facilities Fee ¹	
Connection Fee per Connection	\$880.00
Customer Facilities Fee per Unit	\$310.00
Tapping Fee	
Capacity Part	\$1188.00
Distribution Part	\$517.00
Special Purpose	As Applicable
Reimbursement ²	As Applicable
Total	\$2895.00

- 1.1.2. **Connection by Developer**

Connection Fee and Customer Facilities Fee ¹	
Connection Fee per Connection	\$250.00
Customer Facilities Fee per Unit	\$310.00
Tapping Fee	
Capacity Part	\$1188.00
Distribution Part	\$517.00
Special Purpose	As Applicable
Reimbursement ²	As Applicable
Total	\$2265.00

¹**Connection and Customer Facilities Fees** are based upon average actual cost; and shall be charged in most cases; and shall consist of direct materials, fringe/employment costs, equipment, inspection, direct labor, and/or application/administrative costs.

²**Reimbursements** are provided based upon any existing developer's agreements with the property owner(s) who have extended the Authority's water or sewer mains, or both, at their own expense.

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TAPPING AND CONNECTION FEES FOR WATER AND SEWER

1.2. Residential Sewer – Capital Charge Fees

1.2.1. Connection by Authority – In-Street

Connection Fee and Customer Facilities Fee ¹	
Connection Fee per Connection	\$1275.00
Customer Facilities Fee per Unit	\$30.00
Tapping Fee	
Capacity Part	\$1338.00
Distribution Part	\$650.00
Special Purpose	As Applicable
Reimbursement ²	As Applicable
Total	\$3293.00

1.2.2. Connection by Authority – Out-of-Street

Connection Fee and Customer Facilities Fee ¹	
Connection Fee per Connection	\$1025.00
Customer Facilities Fee per Unit	\$30.00
Tapping Fee	
Capacity Part	\$1338.00
Distribution Part	\$650.00
Special Purpose	As Applicable
Reimbursement ²	As Applicable
Total	\$3043.00

1.2.3. Connection by Developer

Connection Fee and Customer Facilities Fee ¹	
Connection Fee per Connection	\$250.00
Customer Facilities Fee per Unit	\$30.00
Tapping Fee	
Capacity Part	\$1338.00
Distribution Part	\$650.00
Special Purpose	As Applicable
Reimbursement ²	As Applicable
Total	\$2268.00

¹**Connection and Customer Facilities Fees** are based upon average actual cost; and shall be charged in most cases; and shall consist of direct materials, fringe/employment costs, equipment, inspection, direct labor, and/or application/administrative costs.

²**Reimbursements** are provided based upon any existing developer's agreements with the property owner(s) who have extended the Authority's water or sewer mains, or both, at their own expense.

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TAPPING AND CONNECTION FEES FOR WATER AND SEWER

2. **Non-Residential Tapping and Connection Fees for Water and Sewer** served by public water:

2.1. **Non-Residential Water - Capital Charge Fees**

- 2.1.1. **Maximum Tapping Fee for Non-Residential Water Connection** will be based on the water meter size and the number of gallons per day required by the new connection and computed as follows:

Capacity Part	\$7.16
Distribution Part	\$3.12
Total (per gpd)	\$10.28

- 2.1.2. **Minimum Tapping Fee for Non-Residential Water Connection** for properties served by public water based on the water meter size serving the property and number of gallons used per day as follows:

Meter Size	Minimum Tapping Fee	Gallons per Day
¾"	\$2,600.00	260
1"	\$4,300.00	420
1½"	\$8,500.00	830
2"	\$13,600.00	1330

- 2.1.3. **Non-Residential Water Tapping Fee for Water Meter Sizes above 2"** will be individually calculated based on meter size and type, service location, line capacity and the actual costs incurred.

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TAPPING AND CONNECTION FEES FOR WATER AND SEWER

2.2. Non-Residential Sewer - Capital Charge Fees

2.2.1. **Maximum Tapping Fee for Non-Residential Sewer Connection** will be based on the water meter size and the number of gallons per day required by the new connection and computed as follows:

Capacity Part	\$5.82
Distribution Part	\$2.83
Total (per gpd)	\$8.65

2.2.2. **Minimum Tapping Fee for Non-Residential Sewer Connection** for properties served by public water based on the water meter size serving the property and number of gallons used per day as follows:

Meter Size	Minimum Tapping Fee	Gallons per Day
¾"	\$3000.00	350
1"	\$5000.00	580
1½"	\$9900.00	1150
2"	\$15900.00	1840

2.2.3. **Non-Residential Sewer Tapping Fee for Water Meter Sizes above 2"** will be individually calculated based on meter size and type, service location, line capacity and the actual costs incurred.

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Appendix B

Standard Construction Specifications

GENERAL SPECIFICATIONS FOR WATER, SEWER & FORCE MAIN LINES	B-1
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GENERAL SPECIFICATIONS FOR WATER, SEWER & FORCE MAIN LINES

The Contractor shall conduct their work so as to comply with the rules and regulations promulgated by the Occupational Safety and Health Administration (O.S.H.A.).

The Contractor shall strictly comply with all the requirements of the Pennsylvania Department of Transportation (Penn DOT) and/or local authorities or agencies controlling the roadways or other areas affected by their work.

The Contractor shall comply with Pennsylvania Act 50 of 2017 requiring notification of all utilities serving the site 72 hours (3 working days) prior to starting excavation.

Granular backfill material shall be IB Washed Gravel. Fill sand may be permitted in dry trenches only, if approved by the Authority for Water main installation.

Concrete used for cradles, thrust blocks, or encasement shall be Class C 3,000 psi concrete.

Pipe shall be laid in a trench independent of any other utility line, deep enough so as to maintain a minimum cover of 42 inches above pipe, and must maintain at least 36 inches from any other utility line

All water, which may be found in the trenches, shall be pumped or bailed out so that the trench will be dry during the pipe laying period.

All pipes shall be supported on granular bedding of not less than 6 inches below the bottom of the pipe. Bedding shall be placed in the trench for its full width to uniformly support the pipe at the required line and grade. Bedding shall be carried over the pipe to a depth of 6 inches using the granular material spread evenly over the top of the pipe.

No backfilling may be done before the Authority gives permission. After pipes have been checked for alignment, bedding and approved by the Authority backfilling may be started.

Any backfill in Penn DOT, Borough or Township right-of-ways must be done in accordance with Penn DOT requirements with the top 18 inches being granular backfill material, all thoroughly compacted by mechanical compactors except that in unpaved shoulders the restoration shall be equal or better than the condition existing prior to the beginning of work.

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WATER PIPE SPECIFICATIONS

Ductile iron pipe shall conform to "Ductile Iron Pipe Centrifugally Cast In Metal Molds or Sand-Lined Molds, for Water and Other Liquids" (ANSI A21.51), (AWWA C151), Thickness Class 52, with double cement lining, conforming to ANSI A 21.4.

The pipe shall be furnished complete with push-on joints. Rubber gaskets shall conform to ANSI A 21.11 (AWWA C111) for push-on joints. All pipe shall be coated on the outside with a bituminous coating in accordance with ANSI A 21.51.

Polyvinyl Chloride (PVC) shall meet all requirements of AWWA C900 or C909, Class 150 (DR 18). Provisions must be made for contraction & expansion at each joint with a rubber ring, and integral thickened bell as part of each joint.

Each piece of pipe shall have the DR number and class designation conspicuously cast or painted on it. Each piece of pipe shall also have painted on it the manufacturers name or trademark and production code. Each piece of pipe shall also have the reference mark on the spigot end so that it can be accurately installed.

All buried fittings shall be mechanical joints with rubber gaskets meeting (AWWA C-111) Specifications. Bolts for mechanical joints shall be high strength corrosion resistant alloy steel meeting (AWWA C-111). Fittings shall be ductile iron in accordance with (AWWA C-110)

Blue detectable marking tape must be placed at least 1 foot above all water pipe.

If PVC pipe is used, a number 14-trace wire must be installed in the trench with the pipe and locating post placed at the beginning and every 500 ft after.

All Water Lines shall be required to sustain a pressure test of 1½ times the expected working pressure for a 2 hour time period.

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GRAVITY SEWER PIPE SPECIFICATIONS

Polyvinyl Chloride (PVC) shall meet all requirements as set forth in (ASTM D 3034), with (standard dimension ratio) SDR 35. The pipe shall be colored green for in-ground identification as sewer pipe. Provisions must be made for contraction and expansion at each joint with a rubber ring, and integral bell.

Each piece of pipe shall have the SDR and ASTM designation conspicuously painted on it. Each piece of pipe shall also have painted on it the manufacturers name or trademark.

All fittings and accessories shall be as manufactured and furnished by the pipe supplier or approved equal and have bell and/or spigot configurations compatible with that of the pipe. Fernco flexible couplings will be permitted.

The sewer shall be installed to line and grade by using laser beam equipment or other methods APPROVED by the Authority

Green detectable marking tape must be placed at least 1 foot above all sewer pipes.

All Gravity Sewers shall be required to sustain 5 PSI of air pressure without loss or drop in pressure for a period of 5 minutes. In the event that loss does occur, appropriate repairs must be made and the test procedure shall be rerun.

MANHOLES

Manholes constructed on Authority pipelines up to 18-inch diameter shall be a 4-foot precast concrete and where the pipe diameter exceeds 18 inches, the manhole shall be a 5-foot precast concrete. The manhole structures may be furnished with prefabricated base sections or, the bases may be cast in-place with reinforced concrete. Manholes furnished with prefabricated base sections shall be installed on 6 inch minimum thickness crushed stone or washed gravel. Said materiel shall also be placed in the bottom of the manhole excavation a minimum of one foot above the top of the influent and effluent pipes. The manhole barrel sections shall be sealed with two rings of bitumastic materials placed one on the inside and one on the outside of the joint. All manholes shall be provided with reinforced polypropylene steps located 12 inches on center.

All manholes shall be provided with EAST JORDAN IRON WORKS 1890 or 1891 frame and cover.

All manholes shall be vacuum-tested for water tightness. A vacuum of 10 inches of mercury shall be drawn, after which the vacuum pump shall be shut off. If the indicated vacuum drops to 9 inches in less than one minute, appropriate repairs must be made and the test procedure shall be rerun.

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FIRE HYDRANT SPECIFICATIONS

Fire Hydrants shall meet or exceed AWWA Standard C 502 latest revision and the following detailed specifications.

APPROVED Hydrants - Mueller Centurion and/or Kennedy K-81

- 5¼-inch main valve
- 6-inch mechanical joint inlet
- 2 - 2½-inch NST hose nozzles
- 1 - 4½-inch NST hose nozzle
- 1½-inch pentagon operating nut

Direction of opening shall be open left.

Depth of bury shall be as shown on the plans, minimum 4 feet with a minimum of 18 inches between the nozzle and the ground.

The Hydrant shall be supplied with a traffic safety feature designed to break cleanly upon impact and will consist of breakable safety flange and breakable stem coupling. The design shall permit 360-degree rotation of the upper barrel.

INSTALLATION

Each Hydrant shall be connected to the main with the following material, or approved equivalent.

- TYLER 6" DUCTILE IRON (C110) FULL BODY SWIVEL HYDRANT TEE
- 6" GATE VALVE
- TYLER 6850 SERIES VALVE BOX WITH "**WATER**" CAST ON LID
- TYLER 6" (5-198) adapter

A stone or concrete foundation, at least 6 inches thick and 18 inches square, shall be placed underneath the base of the hydrant. The space around the circumference of the hydrant shall be filled with absolutely clean stone or gravel, and not less than 18 inches in height above drain.

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GATE VALVE SPECIFICATIONS

Gate valves shall be Kennedy or Mueller, Resilient Seat and meet or exceed AWWA Standard C 509 latest revision and the following detailed specifications.

Non-rising-stem

Mechanical joint ends

2-inch operating nut

"O" ring stem seal open left

VALVE BOXES

Valve Boxes shall be installed on all Gate Valves and shall be TYLER Series 6850, 5¼ inch screw type, with "**WATER**" for water lines or "**SEWER**" for sewer lines cast on the lid, or approved equivalent.

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WATER SERVICE LINE EXTENSION

Before You Dig — Pennsylvania Act 50 of 2017 Requires You

Call PENNSYLVANIA ONE CALL 1-800-242-1776 or 811

- 1. General** — Service line extension (Customer Service Line) includes connection of the line from the curb stop to the point within the premises housing the meter, angle valve or gate valve the same size as the service line, pressure regulator, the meter, dual check valve or backflow preventer if required. Immediately ahead of the hot water tank install a thermal expansion absorber on the cold water supply to the tank. The meter, meter connections, remote reading system and interconnecting wires will be furnished and installed by the Authority.
- 2. Materials** — Water service line shall be minimum size ¾" diameter Type K soft copper tubing or 200 PSI rated polyethylene (PE) copper tube size (CTS) plastic tubing. If plastic tubing is used underground a number 14 trace wire must be installed in trench with the tubing. Water service fittings shall be flared, compression or threaded, and shall be brass. Lead-free water supply pipe and fittings, including valves and faucets shall be used in the water supply system. Owner shall provide a grounding jumper around the water meter. If water meter cannot be installed within the building an approved meter pit must be installed at the Owner's expense.
- 3. Installation** — Lay a line as straight as possible at right angle to the street and/or water main. Minimum depth shall be 4 feet below finished grade. Bedding material may be required if a severe rock condition is encountered. The service line shall be located a minimum of 3 feet from parallel utility lines.
- 4. Inspection** — Water service lines shall be inspected and tested before trench is backfilled. All necessary fees shall be paid prior to the commencement of installation work. Lines must remain uncovered until after inspection and observation of hydrostatic testing by Authority inspectors. No loss due to leakage is permitted. Notify the Authority at least 24 hours in advance of name, location and time when ready for inspection. Inspections will be performed only during normal working hours, Monday through Friday 7:00 a.m. until 2:30 p.m. No inspections will be performed on weekends or holidays.
- 5. Water Pressure Reducing Valve** — If the static line pressure is above 75 PSI, a pressure reducing valve is required suitable for maximum line pressure of 300 PSI with a delivery pressure range of 45 to 75 PSI.
- 6. Backflow Preventer** — Residential — Watts #7 Double Check Valve or equal. Non-residential — determined individually by the Authority based upon review of operation of Applicant for service and determination by the Authority of the degree of hazard to the water system associated with the applicant's operations. Devices installed for protection against backflow shall be maintained in good working condition by the Owner.
- 7. Location** — Where the building is located more than 200 feet from the road right-of-way; a meter pit may be required. The costs associated with the meter pit are the responsibility of the applicant for service. The meter pit shall not be located within the public right-of-way.
- 8. Multi-Unit** — All newly constructed multi-unit buildings shall be constructed so as to accommodate through a water manifold with curb stops and boxes outside the building, or a utility room within the building with individual unit lockable valves to allow for individual unit disconnection.
- 9.** Typical installation can be found at www.srmaws.com .

SLIPPERY ROCK MUNICIPAL AUTHORITY

SANITARY SEWER SERVICE LINE CONNECTIONS

Before you Dig — Pennsylvania Act 50 of 2017 Requires You

Call PENNSYLVANIA ONE CALL 1-800-242-1776 or 811

1. **General** — **SERVICE LINE CONNECTIONS** shall be furnished and installed by the Authority from the sewer main to the property line. Service Line Extensions shall be furnished and installed by the Owner from the property line into the building.
2. **Materials** — Sanitary sewer line shall be SDR 35 or SCH 40 PVC Solvent Cement or Elastomeric Gasket Joint sewer pipe, and shall not be less than 4 inches in diameter. Sanitary sewer fittings shall be made of PVC and shall be Solvent Cement or Elastomeric Gasket Joints. Fernco Flexible couplings may also be used. The assembly of joints shall be in accordance with the pipe manufacturer's recommendations.

Food preparation establishments shall install grease traps of a style and size acceptable to the Authority. The Authority may require other establishments to install grease traps if warranted.

There shall be a cleanout installed outside the building wall and no more than 100 feet apart on the sanitary sewer service line. Cleanouts shall be installed at each change of direction. No direction change shall be greater than 45 degrees. Every cleanout shall be installed to open in the direction of the flow and shall be brought up to 6 inches above finish grade and capped.

3. **Building Traps** — Building traps are not required. Each building trap, when installed, shall be provided with a cleanout and relief vent or fresh air intake on the inlet side of the trap. Such relief vent or fresh air intake shall be carried above grade and terminate in a screened outlet located outside the building.
4. **Inspection** — Sewer service lines shall be inspected and tested before trench is backfilled. All necessary fees shall be paid prior to the commencement of installation work. Lines must remain uncovered until after inspection by Authority inspectors. Notify the Authority at least 24 hours in advance of name, location and time when ready for inspection. Inspections will be performed only during normal working hours, Monday through Friday 7:00 a.m. until 2:30 p.m. No inspections will be performed on weekends or holidays.

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ALTERNATE PRESSURE SEWER

SINGLE FAMILY DWELLING

In areas where conventional gravity sewers are not available and as provided in Ordinance No. 346 dated April 4, 1989, Alternative Pressure Sewer Connections can be made as individually approved by the administrative staff. Multi unit dwellings, commercial or industrial users will require additional specifications and will be determined on an individual basis.

SPECIFICATIONS

E/One GP 2010 Grinder Pump system complete with Grinder Pump, Stainless Steel Check Valve Curb Stop assembly, HDPE tank and controls.

Applicant may use tanks and alarm controls supplied by others upon approval by Slippery Rock Municipal Authority prior to permit being granted.

Buildings utilizing an Alternate Pressure Sewer System shall have pump controls and high-level alarm.

Gravity sewer lines shall be 4-inch SCH 40 PVC and must have a clean out within 3 feet of the outside wall.

Pressure discharge from tank shall be 1½ INCH polyethylene tubing, or PVC pipe, 160 PSI pressure rated, and must have a #14 copper trace wire installed in trench with tubing or PVC pipe.

A 1¼ inch Stainless Steel Lateral valve/check valve shall be installed at the property line. E/One lateral valve, see illustration at www.srmaws.com .

There shall be a solenoid valve installed in water supply line that shuts off the water in the event of a power failure. (Normally-closed) A hose valve may be installed after the meter and before the solenoid valve to permit a small amount of water to be used during power failure.

NOTE: It is the owner's responsibility to install and maintain the complete system.

Startup and Inspection: A Supplier Representative shall inspect and startup pump system, along with a Representative from Slippery Rock Municipal Authority.

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PRESSURE SEWER MAIN LINE

Polyvinyl Chloride (PVC) shall meet all requirements as set forth in (ASTM D 2241), and shall be min. SDR 21 (200 PSI) or C-900 (DR 18). Provisions must be made for contraction & expansion at each joint with a rubber ring, and integral thickened bell as part of each joint. A number 14-trace wire shall be installed in the trench with the pipe and locating post placed at the beginning and every 500 feet after. Trace wires shall be connected to all valves and all service line trace wires so as to provide a continuous circuit.

Valves shall be located at all intersections and in all directions. Valves 2-inch and less shall be brass Ball Curb stop with quarter turn check (Mueller B-20283 or approved equivalent) Valves larger than 2 inch shall meet Standard Gate Valve Specifications. (See page 6)

Cleanouts shall be installed with a 2-inch brass ball valve and 2-inch male IPT connection and shall be installed at the end of all Force mains and upstream from all valves.

SERVICE LINE CONNECTIONS shall be 1¼-inch or 1½-inch PVC SDR 21 or 200-PSI PE tubing from to force main to the curb stop along with trace wire in trench.

A 1¼-inch Stainless Steel Lateral valve/check valve shall be installed at the property line. E/One lateral valve, see illustration at www.srmaws.com .

The service line shall be connected so as to prevent the service from blowing off when connection is made.