

RED LION MUNICIPAL AUTHORITY
Center Square, P.O. Box 190, Red Lion, Pennsylvania 17356



**WATER SYSTEM
RULES AND REGULATIONS**



AMENDED THROUGH JANUARY 25, 2017

**RED LION MUNICIPAL AUTHORITY
WATER SYSTEM**

TABLE OF CONTENTS

ARTICLE 1. APPLICABILITY; DEFINITIONS	1
Section 1.1 Rules and Regulations Governing Water System Adopted	1
Section 1.2 Effective Date; Applicability	1
Section 1.3 Rights Reserved by the Authority	1
Section 1.4 Construction and Severability	1
Section 1.5 Definitions.....	1
ARTICLE 2. WATER SERVICE.....	4
Section 2.1 Application for Water Service	4
Section 2.2 Change in Ownership of Service	4
Section 2.3 Service Provided by the Authority.....	5
Section 2.4 Temporary Water Service	5
Section 2.5 Fire Sprinkler Systems.....	5
Section 2.6 Fire Hydrant Service	7
Section 2.7 Special Contracts	7
Section 2.8 Termination of Service for Failure to Comply with Rules	7
Section 2.9 Termination of Service at Request of Customer.....	8
ARTICLE 3. BILLING AND PAYMENT.....	9
Section 3.1 Deposits.....	9
Section 3.2 Payment of Bills.....	9
ARTICLE 4. CONNECTIONS	11
Section 4.1 Water Connections and Service Lines	11
Section 4.2 Maintenance and Ownership of Customer Service Lines.....	12
Section 4.3 Separate Connections.....	13
Section 4.4 Frozen Water Lines.....	14
Section 4.5 Meters	14
Section 4.6 Meter Pit Construction and Maintenance	15
Section 4.7 Testing Meters	16
Section 4.8 No Bypasses.....	16
Section 4.9 Connection of Outside Meters	16
Section 4.10 Cross Connections	16
ARTICLE 5. WATER MAIN EXTENSIONS	17
Section 5.1 Standard Methods and Procedures for Service Main Extensions	17
Section 5.2 Installation of Water Lines.....	19
ARTICLE 6. ENFORCEMENT	20
Section 6.1 Enforcement.....	20
Section 6.2 Entry on Private Property.....	20
Section 6.3 Damage to Water System.....	20
Section 6.4 Interference with Easements	20
Section 6.5 Penalties	21
Section 6.6 Waivers	21

APPENDICES

APPENDIX A—Design Plan Standards

APPENDIX B—Notes to be Shown on All Plans for Water Line Extensions

FIGURES

FIGURE 4.1—Diagram of Water Service Installation and Connection

DISCLAIMER

The water system rules and regulations of the Red Lion Municipal Authority (the “Authority”) govern and control operation of the Authority’s water system and its distribution and provision of water to customers serviced by the Authority. These water system rules and regulations are a part of the contract with each customer. Every customer, by taking water service, agrees to be bound hereby and by the rates adopted from time to time by the Authority.

These water system rules and regulations are not intended to conflict with any local, state, or federal laws or regulation, and are intended to be in compliance with the Pennsylvania Municipality Authorities Act of 1945, Act of May 2, 1945, P.L. 382, 53 P.S. § 301, as amended. If any provision contained herein is held to be invalid, illegal or unenforceable, all other provisions shall nevertheless continue in full force and effect.

All applications, permits or waivers referenced in or required by these water system rules and regulations or by applicable federal, state or local laws or regulations are the sole responsibility of the customer. These water system rules and regulations are not meant to supersede or replace any existing federal or state laws or regulations regarding public health and safety and all such laws and regulations will remain in full force and effect.

All references to gender in these water system rules and regulations are intended to be gender neutral and whenever used include the corresponding masculine, feminine or neuter forms.

**WATER SYSTEM
RULES AND REGULATIONS**

ARTICLE 1

Applicability; Definitions

1.1 Rules and Regulations Governing Water System Adopted.

The Authority hereby establishes and adopts the following rules and regulations as the rules and regulations which shall govern and control operation of the water system by the Authority and distribution and supply of water to customers serviced by the Authority. A copy of the water system rules and regulations is filed with the Authority for inspection by any interested parties at any time during regularly scheduled office hours and also available for review online at www.redlionpa.org. These rules and regulations are a part of the contract with each customer, and each customer, by taking water service, agrees to be bound by these rules and regulations and by the rates adopted from time to time by the Authority.

1.2 Effective Date; Applicability.

These rules and regulations are effective upon adoption by the Authority and shall be applicable to all customers serviced, or to be serviced in the future, by the Authority.

1.3 Rights Reserved by the Authority.

The Authority reserves the right to repeal, amend or modify these water system rules and regulations, or any part hereof, in such manner and at such times as, in the opinion of the Authority, shall be necessary or desirable. The Authority may from time to time establish fees and charges not otherwise provided for in these rules and regulations. The Authority also reserves the right to make special contracts with customers, if deemed to be in the best interests of the Authority.

1.4 Construction and Severability.

In the event any provision, section, sentence, clause or part hereof, shall be held to be invalid, such invalidity shall not effect or impair any remaining provision, section, sentence, clause or part thereof, it being the intention of the Authority that such remainder shall remain in full force and effect.

1.5 Definitions.

Unless the context specifically indicates otherwise, the meaning of terms used in these water system rules and regulations shall be as follows:

AUTHORITY shall mean Red Lion Municipal Authority, a municipal authority organized and existing under provisions of the Pennsylvania Municipality Authorities Act of 1945, approved May 2, 1945, P.L. 382, as amended and supplemented from time to time.

CUSTOMER shall mean a person who is receiving or shall receive water service, and by accepting such water service, is bound by these water system rules and regulations. In the case of a tenant-occupied property, the customer shall include both the owner and tenant of the property.

CUSTOMER SERVICE LINE shall mean the service line between the curb stop and the meter.

DELINQUENT BILL FEE shall mean the non-refundable charge established in the Schedule of Fees and Charges that is applicable to a delinquent bill for water service that remains unpaid at the expiration of the five (5) day notice to discontinue service as provided for in Section 3.2(c).

DWELLING UNIT shall mean any structure or part thereof intended for a single occupancy.

MULTIPLE UNIT DWELLING shall mean any building in which more than one family is housed in separate dwelling units.

MULTIPLE UNIT BUILDING shall mean any building in which more than one non-residential use is operated in separate units.

NON-SUFFICIENT FUNDS (NSF) FEE shall mean a fee charged if a customer's check is returned by the bank for insufficient funds, closed account or other such reasons, established herein and set forth in the Schedule of Fees and Charges.

OWNER shall mean any person having an interest, whether legal or equitable, sole or partial, in any property.

PERSON shall mean an individual, partnership, corporation, limited liability company, firm, association, society, trust, governmental body, or any agency, department or political subdivision thereof or any other group.

PREMISE HAVING ACCESS TO THE FACILITIES OF THE AUTHORITY shall mean any premise of which any part abuts a highway, street, alley or public way in which the facilities of the Authority are located and which can be served by the facilities of the Authority.

PROPERTY shall mean a building under one roof, owned or leased by one party and occupied as one residence or business, a combination of buildings owned or leased by one party in one common enclosure and occupied by one family or business, or the one side of a double house having a solid vertical partition wall, or each family occupying part of a building occupied by more than one family even though some or all fixtures may be used in common, or each

apartment, office of suite or offices located in a building having several such apartments, offices or suites of offices and using in common one hall and or one or more means of entrance.

RLMA SERVICE LINE shall mean the service line between the street water main and the curb stop and includes the tap and corporation cock at the main, the curb stop and the curb box.

SCHEDULE OF FEES AND CHARGES shall mean the Authority's fees and charges related to water service.

SCMS shall mean the Red Lion Municipal Authority Standard Construction Material Specifications, as amended, superseded or replaced from time to time.

SERVICE shall mean the supplying of water to a customer at a property.

SERVICE LINE shall mean the pipeline connection between street water main and the meter and includes the RLMA service line and the customer service line.

SERVICE RESTORATION FEE shall mean the non-refundable charge established in the Schedule of Fees and Charges for restoring service to a property which has had service terminated or discontinued.

UTILITY ROOM means a room in which all water meters are installed that serve a multiple unit dwelling, mobile home court or multiple unit building served by a single connection. Utility rooms shall be accessible to Authority personnel without having to enter or pass through any of the individual units. Utility rooms shall not be accessible to any individual users.

WATER DEPARTMENT shall mean the water department of the Authority.

WATER MAINS shall mean those water pipes in streets or within easement areas to which service water connections are made, and the water pipe lines connecting between them.

WATER SYSTEM shall mean the Authority's water supply, treatment, transmission and distribution facilities, in whole or in part, including all property, real, personal and mixed, rights, powers, franchises, easements, licenses, privileges, rights-of-way and any and all other property of interests in property of any nature, for use in connection with acquiring, constructing, operating and maintaining said water facilities and all additions, extensions, and improvements which hereafter from time to time, may be made thereto.

End of Article 1

ARTICLE 2

Water Service

2.1 Application for Water Service.

(a) Before service is initiated, the owner of the property shall make written application for service on a form to be provided by the Authority. An agent making application on behalf of the owner shall provide the owner's name and clearly designate the firm or themselves as agent. Upon approval of such application by the Authority, which approval shall be indicated thereon, such application, together with these rules and regulations, shall become the service contract, and the applicant and the Authority shall thus become the contracting parties.

(b) A tenant may make application for service, provided the application is co-signed by the property owner. In co-signing, the property owner agrees to guarantee the payment of all bills rendered to that tenant; however, the property owner will be held liable for payment regardless of co-signature. Where private fire service is rendered to a multiple-tenant premises, such bills for fire service shall be billed to the property owner.

(c) A new application must be made upon any change in ownership of a property, in tenancy where the tenant is the applicant, or in use. Similarly, a customer moving from one premises to another within the Authority's system must make a new application for service.

(d) Providing false information on an application shall be considered fraudulent conduct and shall render the contract voidable by the Authority at its sole discretion. Such conduct shall also be considered a violation of these rules and regulations and shall be punishable in accordance with Article 6 hereof.

2.2 Change in Ownership of Service.

(a) When the ownership of a property changes from one person to another, the previous owner shall notify the Authority in writing and in advance of the date of discontinuance of the service under his ownership. Should the owner fail to give such notice, he shall be responsible for all charges up to and including the date the new owner makes application for service. The new owner shall make application for service in the same manner as for the new service.

(b) If the owner of a premise is not the customer served by the Authority and there is a change in occupancy of such a premise, the owner shall within seventy-two (72) hours of a change in occupancy notify the Authority of such a change. If an owner fails to give the required notice they shall be assessed a penalty in the amount of one hundred dollars (\$100.00).

2.3 **Service Provided by the Authority.**

(a) Water from the water system may be used for all residential, commercial, industrial, agricultural and public purposes. The Authority reserves the right to impose, at any time, such restrictions in the use of water as may become necessary due to accidents, breakdown, droughts or unavoidable emergencies or temporary cut-off of water to make necessary repairs, renewals or replacements. Every effort will be made to notify customers before service is interrupted.

(b) No deduction in water rates will be allowed for failure on the part of the Authority to supply water. The Authority accepts no responsibility for losses due to inability to supply water.

(c) Every customer, by the taking of water service, understands and agrees that the Authority assumes no liability as an insurer of the property or person and that the Authority, by providing public or private fire protection service, does not contemplate any special service, pressures, capacity or facility other than that ordinarily provided in normal operation. Each and every customer waives, by accepting water service, any and all claims for injuries or damage to person and/or property by reason of fire, water or failure to supply water, pressure or capacity.

2.4 **Temporary Water Service.**

(a) Upon request and application, the Authority shall install a temporary water meter on a temporary water service for the purpose of furnishing water for construction purposes. Regular water rates for water service and consumption shall apply. The developer and the owner of the property to be improved shall be considered the customer under these rules and regulations.

(b) The customer shall be responsible for the care and condition of a meter placed on temporary connections. The meter shall be placed in a meter pit if considered necessary by the Authority.

(c) Temporary service from hydrants for private use is prohibited. Bulk water may be purchased at locations designated by the Authority at the commercial water hauler rate as established by the Authority.

2.5 **Fire Sprinkler Systems.**

(a) **Residential Sprinkler Systems.**

(i) Stand-ready service for a residential fire suppression system shall be provided by the Authority at the request and expense of the customer. The service line for domestic service and fire protection service shall be constructed in accordance with the SCMS as then in effect.

(ii) Residential fire protection service lines and fire suppression systems shall be designed and installed in accordance with the International Residential Code and other applicable fire safety regulations as then in effect for the governing municipality. The

customer shall be solely responsible for engineering, installation and maintenance of residential fire protection service lines and fire suppression systems; provided, however, the Authority retains the right to inspect and approve the service line. The customer shall submit calculations of the peak demand that may be used by the fire suppression system. The calculations must demonstrate that sufficient water pressure and volume exists in the water system to service the fire suppression system at peak demand as certified by a licensed professional engineer. Authority representatives must be notified at least twenty-four (24) hours in advance of service line flushing prior to connection of the sprinkler system in advance.

(iii) The customer service lines for domestic service and fire protection service shall be exclusively owned and controlled by the customer, while the service line shall be the responsibility of the Authority following dedication and acceptance by the Authority. The fire protection service shall be used only in case of fires. Violation of this section is subject to the penalties set forth in Article 6 below.

(iv) The customer shall be charged a base fee for stand ready water service for residential fire protection. Actual usage of the residential fire protection service line will be charged at then current water rates.

(b) Non-Residential Sprinkler Systems.

(i) Stand-ready service for a non-residential fire suppression system shall be provided by the Authority at the request and expense of the customer. A water meter shall be installed on the fire suppression system service line.

(ii) Non-residential fire protection service lines and fire suppression systems shall be designed and installed in accordance with the International Building Code and other applicable fire safety regulations as then in effect for the governing municipality. The customer shall be solely responsible for engineering, installation and maintenance of non-residential fire protection service lines and fire suppression systems; provided, however, the Authority retains the right to inspect and approve the service line. The customer shall submit calculations of the peak demand that may be used by the fire suppression system. The calculations must demonstrate that sufficient water pressure and volume exists in the water system to service the fire suppression system at peak demand as certified by a licensed professional engineer. Authority representatives must be notified at least twenty-four (24) hours in advance of service line flushing prior to connection of the sprinkler system in advance.

(iii) The fire protection service line shall be exclusively owned and controlled by the customer from and after the water main connection. The fire protection service line shall be used only in case of fires. Violation of this section is subject to the penalties set forth in Article 6 below.

(iv) The customer shall be charged a base fee for stand ready water service for non-residential fire protection. Actual usage of the residential fire protection service line will be charged at then current water rates.

2.6 **Fire Hydrant Service.**

(a) Fire hydrants for public fire protection service will be located, installed and maintained by the municipality. The municipality shall be charged accordingly for stand ready water service to public fire hydrants. Public fire hydrants shall be used only for fire protection unless specifically permitted in writing by the municipality for a specific instance.

(b) Fire hydrants for private fire protection service will be located, installed and maintained by the customer. The customer shall be charged accordingly for stand ready water service to private fire hydrants. Private fire hydrants shall be used only for fire protection unless specifically permitted in writing by the Authority for a specific instance.

(c) Flushing and testing of private fire hydrants shall be scheduled to correspond with flushing of the water system where possible. Written notice must be provided in writing to the Authority at least five (5) business days prior to flushing or testing of private fire protection systems. Flushing or testing schedules for private fire protection systems are subject to approval by the Authority. In no event may flushing or testing the private fire protection system interfere with or impede the water system or negatively impact service to the surrounding customers connected to the system. Violation of this section is subject to the penalties set forth in Article 6 below.

(d) The Authority reserves the right to surcharge the municipality or other user of water from a fire hydrant for any purpose other than suppression of an active fire.

2.7 **Special Contracts.**

When, in the opinion of the Authority, the rates, rules and regulations do not apply to a particular customer, the Authority reserves the right to make a special contract with such customer, if it is deemed by the Authority to be in its best interest.

2.8 **Termination of Service for Failure to Comply with Rules.**

(a) Upon failure of any customer or owner to comply with these rules and regulations, or upon termination of sewer service for any reason, the Authority may shut off the supply of water at the curb stop or by removal of the meter and capping of the line at the expense of the owner. A service restoration fee and/or a delinquent bill fee, as applicable under the circumstances, shall apply in such cases before service will be restored. In the case of the owner not being the ultimate customer, disconnection of the service must be in accordance with the "Utility Service Customers & Tenants Act," 68 P.S. § 399.1 *et. seq.* Termination of water service shall further be regulated by these rules and regulations as provided hereafter.

(b) A violation notice shall be mailed to the customer and owner specifying the violation, notifying the customer that the violation must be remedied within ten (10) days or, if the customer fails to remedy the violation, water service will be terminated five (5) days thereafter. For any violations other than a failure to pay, a non-refundable service restoration fee shall be assessed and be payable on the fifteenth (15) day after mailing of the violation notice regardless of whether service is subsequently discontinued. If the violation is due to a failure to make payment on the due date, such failure shall constitute notice of violation as of the due date

and no written notice will be necessary prior to the start of water termination procedures. Termination for failure to pay a water bill when due shall be handled as provided in Section 3.2(e) below.

(c) If prior to the termination date, the customer provides the Authority a written statement, under oath or affirmation, stating a defense to the violation or claim for payment, plus payment of a \$300.00 deposit against the cost of a hearing, the water supply shall not be terminated until heard by a hearing officer in accordance with the local public agency law. The Authority Board may appoint the hearing officer for the purpose of taking testimony, and preparing a written decision. Additional costs incurred by the Authority as a result of conducting the hearing, including stenographer fees and reasonable attorney fees, shall be paid by the party requesting the hearing. The hearing officer may waive the costs of hearing in cases in which the requesting party prevails in its defense.

(d) If water service is terminated, it shall not be restored until all water bill delinquencies, interest, penalties and delinquent bill fee or service restoration fee are paid in full, or until reasonable assurance is given that the customer will comply with the rules and regulations, as the violation may apply.

2.9 **Termination of Service at Request of the Customer.**

(a) A customer may request water service be temporarily discontinued for maintenance work in the home or when the property will be unoccupied for an extended period of time. The customer shall pay a fee for this turn-off service at the time of the request to discontinue and a turn-on fee at the time of the request to turn service back on. All voluntary turn-offs and turn-ons of service will be during regular business hours of the Authority. A customer will continue to be billed for water service during the period that service is temporarily discontinued.

(b) A customer may request water service be permanently discontinued when the property will no longer be occupied. The customer shall pay a fee for turn-off and removal of the water meter. All outstanding amounts owed to the Authority must also be paid prior to permanent termination of service. The customer account will thereafter be permanently closed.

End of Article 2

ARTICLE 3

Billing and Payment

3.1 Deposits.

(a) Deposits may be required from customers taking service for a period of less than thirty (30) days in an amount equal to the estimated gross bill for such temporary period. Deposits may be required from all other customers provided that in no instance may deposits be required in excess of two (2) months, with a minimum of fifty dollars (\$50.00).

(b) Deposits secured from customers shall be returned to the depositor when he shall have paid undisputed bills for service over a period of twelve (12) consecutive months; and any such customer, having secured the return of a deposit, shall not be required to make a new deposit unless the service has been discontinued for any reason.

3.2 Payment of Bills.

(a) Monthly Billing. Bills for water service will be rendered and are payable on a monthly basis for regular water service furnished in the preceding period. Overpayments on bills will be carried over to the next bill as a payment credit. Each bill shall be made out in the name of the customer, who the Authority shall hold responsible for its payment. Non-receipt of a bill shall not be considered a waiver of the customer's obligation to make timely payment of any charges for service.

(b) Final Bills. Final bills will be rendered upon the change of ownership or the discontinuance of service. Overpayments on final bills will only be refunded to the customer if the credit balance exceeds \$5.00. Underpayments on final bills will be assessable against the property as a municipal lien in the case of discontinued service or against the new owner in the case of a change in ownership. Service to the new owner may be terminated in accordance with this subsection (e) below following notice to the new owner of the past due amount.

(c) Notice to Owners of Tenant-Occupied Properties. If the ultimate customer is not the owner of the premises served by the Authority, and such customer fails to pay the bill for a period of five (5) days following the due date, the Authority shall within thirty (30) additional days notify the owner and the customer of the delinquency by first-class mail at the address of the owner provided to the Authority and the billing address of the customer, respectively, and the owner shall be jointly and severally liable for full payment of the bill immediately at the applicable rate. The Authority may also take action to discontinue service to the customer in accordance with subsection (e) below. In such case, upon request of the Authority, the owner shall arrange access to the premises within twelve (12) hours for the Authority to cut-off metered service to the customer, and failure of the owner to do so shall subject the owner to a fifty dollar (\$50.00) penalty. In no case shall the owner be liable for any service provided to a customer ninety (90) or more days after the customer's delinquent bill first became due unless the Authority has been prevented by court order from terminating service to the customer.

(d) Payment of Bills; Late Charges. Bills rendered for water service are due and payable in full on or before the due date set forth on the bill. All bills shall be payable in full at the business office of the Authority during its regular working hours or the offices designated on the bill. When bills are paid by mail, the date of receipt by the Authority will be considered the date of payment. Bills may also be paid electronically by credit card or direct debit through the approved Authority electronic payment service provider. A late charge of ten percent (10%) of the amount due will be applied on all bills not paid by the due date on the bill. Payments that are more than 30 days past due shall also be assessed interest at the annual rate of twelve percent (12%) until paid. The customer shall be responsible for payment of all collection costs incurred with respect to a delinquent account, including all court costs and attorney fees. Payments received on delinquent bills shall be applied first to late charges, interest and collection costs and thereafter to principal.

(e) Discontinuance of Service. Whenever any bill or part of a bill for water service rendered shall remain unpaid for a period in excess of five (5) days after the due date, it shall be delinquent, and the Authority may, after five (5) days written notice, discontinue water service. A non-refundable delinquent bill fee will be assessed and payable upon expiration of the five (5) day notice to discontinue service without regard to whether an actual shut-off occurs. Discontinued water service will not be restored until the bill, together with late charges and delinquent bill fee, set forth on the Authority's Schedule of Fees and Charges, have been paid. Any customer desiring restoration of water service outside of normal working hours will additionally be charged a minimum of four (4) hours overtime wages (may change from time to time as dictated by the Authority's Labor Agreement), plus late charges and delinquent bill fee. The charges stipulated in this paragraph shall be paid directly to the Authority Office in cash, certified check or money order only. **PERSONAL CHECKS WILL NOT BE ACCEPTED FOR SUCH PAYMENT.**

(f) Returned Check. If a customer's check is returned by the bank for insufficient funds, closed account or other such reasons, the customer's account will be treated as though no payment was received as of the date and a Non-sufficient Funds (NSF) Fee will be added to that customer's account.

(g) Dispute Resolution. If prior to the termination date, the customer provides the Authority a written statement, under oath or affirmation, stating a bill dispute and defense to the claim for payment, plus payment of a \$300.00 deposit against the cost of a hearing, the water supply shall not be terminated until heard by a hearing officer in accordance with the local public agency law. The Authority Board may appoint the hearing officer for the purpose of taking testimony, and preparing a written decision. Additional costs incurred by the Authority as a result of conducting the hearing, including stenographer fees and reasonable attorney fees, shall be paid by the party requesting the hearing. The hearing officer may waive the costs of hearing in cases in which the requesting party prevails in the dispute. If the dispute is resolved substantially in favor of the customer, the customer will be allowed five (5) days from the date of the decision by the Authority to pay the bill and will be assessed the prescribed late charges thereafter.

End of Article 3

ARTICLE 4

Connections

4.1 Water Connection and Service Lines.

(a) The service line for each property abutting upon a street, alley or right-of-way in which there is a water main owned by the Authority, will be extended by the owner to the curb line, or property line where no curb line exists, upon proper application by the property owner. Such application shall be under exclusive control of the Authority. Following dedication and acceptance by the Authority, the Authority shall own the RLMA service line and all maintenance and repairs shall be the responsibility of the Authority. See **Figure 4.1** for a diagram of the water service installation and connection.

(b) The size, location, depth and type of construction of all such service lines, shall be as determined by the owner of the property with approval from the Authority. The location of a service line must be in direct alignment with the dwelling receiving the new service.

(c) It will be the responsibility of the home or property owner to pay full cost of labor and materials for construction of the service line from the main to the meter. Service lines that use a sleeve to run through a wall must use a PVC pipe with a Fernco from the PVC sleeve to the copper service line. Caulking and/or use of concrete is not an acceptable method to seal wall penetrations around service lines. This cost will include the necessary excavation and permanent repair of the street should any such repairs be required. A deposit, as established by the Authority, will be paid prior to the beginning of work if being done by Authority personnel. Installation may be done by licensed contractors in the Commonwealth of Pennsylvania. The contractor must notify the Authority ahead of the installation to schedule the required inspections. All plans for installation must first be submitted and approved by the Authority.

(d) When a request for installation of water service is received, the installation shall be done as soon as possible. At the time of installation the meter shall be installed in an accessible position for reading and service. The property owner is responsible to have the piping installed to receive the meter connections and for a tapping fee for each dwelling unit. All meters shall be sealed. If it is necessary to remove a meter for any reason, it shall be done only by Authority personnel and a service charge shall be paid for such service unless waived by the Authority.

(e) It shall be unlawful for any person to turn off or on the water at a curb stop before first contacting the Authority, and then only in case of extreme emergency. In all other instances, the Authority shall turn a service on or off. The Authority shall charge a fee for this service as provided for in these rules and regulations.

(f) It shall be unlawful for any unauthorized person to open or close the valves or stop cocks in any line up to and including the curb stop before the customer service line. The owner of any property found to have a curb stop that has been turned on or off without the permission of the Authority will be billed a fifty dollar (\$50.00) penalty for each occurrence.

(g) Where new connections are completed, no water service shall be initiated until the property has been metered. Curb stops will be left in the off position until the owner has made application for water service, all fees have been paid and the meter has been installed. Any owner, builder, developer or plumbing contractor violating this regulation shall be charged a minimum of three hundred dollars (\$300.00) per occurrence.

(h) The use of unmetered water shall be prohibited. Temporary water meters may be obtained in accordance with Section 2.4 above.

4.2 **Maintenance and Ownership of Customer Service Lines.**

(a) The customer shall own the customer service line and all maintenance and repairs of the customer service line shall be the responsibility of the customer. Should a leak occur in the customer service line, the customer shall take immediate steps to repair the leak. When the Authority notifies the customer of a leak in the customer service line, the customer shall have ten (10) days from the date of notification to repair the leak. Upon failure to repair the leak within a reasonable time, the Authority shall shut-off the supply of water until such repairs are made and the customer has applied for service. The customer shall be charged the service restoration fee to restore water service.

(b) Where an existing customer service line is found to be leaking and the material used for construction does not meet the SCMS, the entire customer service line must be replaced at the customer's expense with materials meeting the SCMS that are in force at the time of repair. If the existing service line is not copper, it must be replaced with copper at the customer's expense.

(c) No connection of an existing galvanized or lead service line, not presently in use, will be permitted. The customer shall be responsible for the installation of the service line to meet the SCMS as may be in force at the time. The existing unused service line shall be disconnected at the corporation stop at the customer's expense.

(d) Where a service line or part thereof is voluntarily abandoned by the property owner, or service is otherwise permanently discontinued, the property owner shall be responsible to disconnect the abandoned service line at the corporation stop. This shall apply when the property owner desires to change the size of the service due to a change in use of the property, take water from another water supplier or source, or upgrade an existing, functioning service line with materials meeting the SCMS as may be in force at the time.

(e) Where new connections are made, material used for the connection from the main to the meter shall conform to the SCMS as may be in force at the time. All new service lines must comply with the Federal Reduction of Lead in Drinking Water Act of 2011 (amending Section 1417 of the Safe Drinking Water Act) and the Pennsylvania Plumbing System Lead Ban and Notification Act of 1989. A shut off valve shall be placed on the main side of the meter, a back flow prevention device, as approved by the Authority, and a shut off valve shall be placed on the discharge side of the meter. Where directed by the Authority, a pressure regulator valve shall be installed at a location approved by the Authority. On existing customer service lines, these valves must be installed if and when the connection is renewed or repaired.

(f) No service will be installed in, over or through premises not owned in fee simple by the property owner of the property to be served. Where these types of connections are preexisting the service line shall be brought into compliance with this regulation at the time of sale, change of use, or when renewed or replaced. If the existing service line does not conform to a CMS as may be in force at the time, that must be replaced at the customer's expense. If an existing service line is not copper, that must be replaced with copper, at the customer's expense.

(g) Under no circumstances shall the potable water system of any property be connected to more than one water source or supply, except where an on-site well exists. In such instances, the well may be connected separately from the potable water system for the purpose of irrigation or other approved external non-drinking water uses.

4.3 **Separate Connections.**

(a) Except as provided in Paragraph (b) below, not more than one (1) dwelling unit shall be served by each service line on private property. Garages, stables, etc. on the rear of a lot that are under the same ownership as the main dwelling on the lot, may be served by a single service line.

(b) Any multiple unit dwellings, mobile home courts or multiple unit buildings served by a single connection at the time of enactment of these rules and regulations, shall be permitted to continue with the said single service connection, subject to the following:

(i) In the case of a single service connection, the bill shall be calculated as follows: "Water Used" divided by "Units Served" equals "Gallons Per Unit"; "Cost of Gallons Per Unit" times "Units Served" equals the "Monthly Bill". Any violation of Authority rules and regulations, such as nonpayment of water bill, by the owner of the single service connection shall result in the owner being required to bring the property into compliance with the SCMS and applicable regulations then in effect.

(ii) Any new service connection for multiple unit dwellings or multiple unit buildings shall have a separate meter for each individual dwelling unit. The owner of the multiple unit dwelling or multiple unit building shall provide either (i) a utility room within which all meters and shutoffs are located, or (ii) individual meters located in each unit, with individual shutoffs located outside the building. The type of connection for a mobile home court shall be at the discretion of the Authority.

(iii) In the event the owner of a multiple unit dwelling or multiple unit building being served by a single connection and meter desires to convert to individually metered units, such conversion shall be done in accordance with the SCMS and applicable regulations with respect to service lines and individual shut-offs located outside or individual meters located within a utility room.

(iv) When two or more customers are supplied through a single service line, any violation of the rules and regulations of the Authority by either or any of said customers shall be deemed a violation by all such customers and the Authority may take such action as could be taken against a single customer, except that such action shall not be taken against a non-violating customer until reasonable opportunity has been given to attach their line to a separately

controlled service connection. The Authority may direct, at its discretion, the violating party to install the separately controlled service connection for the non-violating customer.

(v) The owner of a multiple unit dwelling or multiple unit building being served by a single connection and meter shall not re-sell or otherwise collect separate payment for water service from occupants or residents of the multiple unit dwelling or multiple unit building at a rate greater than the rate paid by the owner to the Authority.

(c) A group of public, ecclesiastical, educational, charitable, club, farm or industrial buildings under common ownership and on a single tract of ground, may be served by one connection, at the option of the Authority.

(d) Installation of special service lines shall be done at the cost of those requiring the service and, except for those used in approved fire systems, shall be provided with a water meter paid for by those requiring the service. The water meter shall be of the size, type and manufacture as the Authority determines suitable, shall become the property of the Authority, and shall be maintained by the Authority.

4.4 **Frozen Water Lines.**

In the event that the water service to a property is frozen underground but it cannot be determined if the frozen portion is in the customer service line or the RLMA service line, Authority personnel shall contact a welding firm to thaw the line. Thawing shall be attempted first on the customer service line. If this is successful and indicates the frozen line is in the customer service line, the property owner shall be responsible for all costs incurred for the welding firm. Additionally, if this occurs after normal working hours, the customer will be billed for labor costs incurred by the Authority in an amount not less than four (4) hours at one and one-half times the prevailing hourly rate. In the event the frozen line is in the RLMA service line, the Authority will assume all expenses to thaw the line.

4.5 **Meters.**

(a) Except as provided in Section 4.3 above, the Authority will furnish, install and maintain a meter on each customer service line upon commencement of water service. The customer will pay a customer facilities fee for this service prior to installation of the meter and commencement of the water service. The size, type, manufacture and location of the meter, and type of setting, shall be such as the Authority determines suitable. Meters shall be located immediately inside the building along the interior wall nearest where the service line enters the foundation of the building. Where the building is constructed on a concrete slab, no service line shall be permitted under the slab prior to the meter. In all such cases a meter pit will be required.

(b) The meter for water service shall remain under the ownership of the Authority and will be maintained by the Authority.

(c) Industrial and commercial customers, upon approval of the Authority and, if not connected to the Authority sewer system, approval of the municipality or authority owning the sewer system to which the customer is connected, may install a water meter to measure the water that is not being or will not be discharged into the municipal sanitary sewer system. The

size, type and manufacture of the meter shall be such as the Authority determines suitable. The meter shall be purchased from the Authority at the cost applicable at the time of purchase. The customer shall be responsible for the installation and maintenance of such meter. The installation must be inspected by the Authority's designated representative before being put into use. The Authority reserves the right to remove and test the meter at any time, and if such meter is found to be inaccurate it shall be repaired or replaced at the owner's expense. **IN NO CASE WILL SUCH A METER BE PERMITTED TO BE INSTALLED AHEAD OF THE METER MEASURING TOTAL WATER FLOW INTO THE PROPERTY.**

(d) During new construction, the developer/builder shall contact the Authority for meter installation when the piping is installed to accept the meter or the building is enclosed, whichever event occurs first. Thereafter a meter with remote reader capability will be set and the developer/builder or person making application for service will be billed the appropriate meter rate. Failure to notify the Authority will be considered a violation of Section 4.1(g) of these regulations.

(e) Customer service lines shall be of one continuous length of copper tubing between the curb stop and meter. Customer service lines in excess of one continuous length of copper tubing, or where a joint is created, will require the installation of the water meter in a meter pit. In the case of an industrial plant, the meter shall be placed in a meter pit.

(f) Customers shall be responsible for the protection of meters and remote reading devices from damage including but not limited to damage due to hot water, vandalism or external causes, including freezing. Repairs to, or replacement of, meters and/or remote reading devices so damaged shall be at the expense of the customer. It shall be the responsibility of the customer to provide accessibility to the water meter and remote reading device. Where meters and/or remote reading devices are found to be inaccessible, the customer shall be in violation of these rules and regulations and shall be subject to termination of service and service restoration fees in accordance with Section 2.8.

(g) If, in the opinion of the Authority, it becomes necessary to install a remote meter reading device on a property, the customer, after written notice, shall have ten (10) days to contact the Authority and make an appointment for Authority personnel to install the device during normal working hours. Failure to contact the Authority may result in the termination of water service and a service restoration fee will be charged to reinstate service.

(h) It shall be unlawful for any person not specifically authorized by the Authority to interfere with, remove, replace or tamper with the meter. Anyone tampering with the meter shall be billed five (5) times the previous monthly bill amount, but in no case less than one hundred dollars (\$100.00) in addition to penalties hereinafter provided.

4.6 Meter Pit Construction and Maintenance.

(a) When a meter pit is required, the construction and maintenance of the meter pit is the responsibility of the property owner. The meter pit shall be constructed in accordance with the SCMS. Failure to properly maintain the meter pit may, after written notification from the Authority, result in the termination of water service until such time as the

meter pit is repaired or replaced in accordance with the Authority's then current SCMS. In the event water service is terminated, a service restoration fee will be charged to reinstate service.

(b) The meter pit location will be determined by the street right-of-way or water main right-of-way. The meter pit location will be within five (5') feet of the right-of-way line unless otherwise determined after an on-site conference between the applicant or his representative and the Authority representative.

4.7 **Testing Meters.**

(a) The Authority reserves the right to remove and test any meter at any time. If such meter is found to be inaccurate, the Authority shall substitute another meter of the same size in its place, either permanently or temporarily. All water meter replacements shall be at the customer's expense.

(b) In case of a disputed account involving the accuracy of the meter, such meter will be tested by the Authority upon the written request and payment of deposit by the customer. In the event that the meter tested is found to have an error in registration greater than 2%, plus or minus, the cost of the test will be borne by the Authority and the deposit returned, and the prior month's bill will be adjusted accordingly with the adjustment appearing as a credit on the next billing statement. Should the meter be found to be correct or within the 2% tolerance, the deposit will be retained by the Authority.

4.8 **No Bypasses.**

No by-pass around the meter will be allowed under any condition.

4.9 **Connection Outside Meters.**

No secondary or unmetered connection shall be made to any service line between the water main and the meter.

4.10 **Cross Connections.**

Under no circumstances shall the potable water system of any property be connected or cross-connected to more than one water source or supply. Where an on-site well exists, the well may be connected separately from the potable water system for the purpose of irrigation or other approved external uses.

End of Article 4

ARTICLE 5

Water Main Extensions

5.1 Standard Methods and Procedures for Service Main Extensions.

(a) Plan Submission and Approval. Any person desiring to construct a water main extension shall submit a signed Water Main Extension Agreement, along with an application fee, to the Authority. Forms for the Water Main Extension Agreement may be obtained from the Authority Office. All plans for water main extensions must be approved by the Authority before any construction may begin. The procedure to submit plans for approval will be as follows:

(i) Preliminary plans must be provided to the Authority Engineer, Manager and Superintendent (1 set to each) at least two (2) weeks prior to the Authority meeting where approval is requested. All plans for water main extensions must be submitted in accordance with the standards as described in APPENDIX A and must contain the notes as described in APPENDIX B.

(ii) After review by the Engineer, Manager and Superintendent, four (4) sets of plans containing recommended changes, if any, and a signature block for Authority Members, must be submitted along with four (4) copies of the subdivision plan and two (2) copies of plan profiles.

(b) Rights-of-Way. Water main extensions may only be constructed across permanent water easements or rights-of-way conveyed to the Authority. All permanent water easements or rights-of-way necessary for construction of a water main extension must be obtained before any construction may begin. Permanent water easements or rights-of-way will be a minimum width of twenty feet (20') or a greater width if determined by the Authority Engineer to be necessary for the construction, maintenance, repair and placement of water lines and appurtenant facilities, including, but not limited to water mains, valves, valve boxes, manholes and service lines. Developer must also obtain any temporary easements necessary for the construction and installation of the water main extension.

(c) Financial Security. The Authority may require the developer to post financial security in the amount and of the type provided for in the Municipality Authorities Act, 53 Pa.C.S. § 5607(d)(23), to insure the completion in accordance with the approved plan and with the rules and regulations of the Authority for any water mains and related apparatus and facilities required to be installed by the developer under the approved plan. The developer agrees that the portion of the financial security posted for construction of the water main extension will not be reduced or released without prior inspection and approval of the Authority.

(d) Reservation of Capacity. A developer may reserve capacity in the water system by executing a Reservation of Capacity Agreement with the Authority and paying an annual reservation of capacity fee as determined by the Authority in accordance with the Municipality Authorities Act, 53 Pa.C.S. § 5607(d)(24). A developer may, alternatively, reserve capacity by pre-paying the tapping fee for each property to be connected to the water system. Each property for which a tapping fee has been pre-paid must connect to the water system within

three (3) years of the date of pre-payment of the tapping fee or the tapping fee and right to connect to the water system shall expire. Tapping fees are non-refundable and non-assignable. A Reservation of Capacity Agreement must be executed or pre-paid tapping fees must be paid in full before any capacity on the water system will be reserved for the developer or a letter of water availability will be provided to a municipality.

(e) Rules Governing Construction of Water Main Extensions.

(i) Water mains shall be constructed in compliance with all applicable regulations of the Authority in effect at the time of construction. The Authority may, at its discretion, require that mains shall be larger than six (6") inches to accommodate future extensions of the system. All water main extension shall include installation of warning tape and tracer wire in accordance with the Red Lion Municipal Authority Standard Construction and Material Specifications.

(ii) Water mains shall not be placed in new streets until concrete curbing is in place. In new streets where concrete curbing is not proposed to be constructed, water main installation shall not proceed until all storm sewer catch basins have been set to finished grade. If neither curbing nor catch basins are to be constructed, no water main shall be placed until approval of the Authority inspector has been obtained.

(iii) Where a water main extension is required, it shall be the responsibility of the property owner to extend the main to the furthest limit of the property. In the event that the water main extends past undeveloped or uncommitted property owned by parties other than the party making the extension, the Authority may, but shall not be required to, agree with the person making the extension that no intervening property shall be connected to the extension unless and until a connection charge in an amount specified by the Authority is first paid to the Authority, which charge shall be refunded to the person making the extension. Any change in ownership of property, in whole or in part, for which water has been allocated or approved and to which water mains and services have not been satisfactorily extended and accepted by the Authority, shall require application to the Authority by the new owner for extension of water main and service lines to said property.

(iv) Only approved contractors or Water Department personnel shall install water main extensions and then only in accordance with the SCMS in effect at the time of installation.

(f) Final Inspection and Dedication.

(i) After completion of construction and installation, the developer will submit a signed Acceptance Agreement to the Authority, along with an "AS BUILT" drawing of the project, signed and sealed by a registered professional engineer. The "AS BUILT" drawing will include electronic mapping data for the project in a GIS-compatible format approved by the Authority.

(ii) Upon approval of the Acceptance Agreement and "AS BUILT" plan by the Authority, the water main extension and all appurtenances shall become the property of the Authority and shall be placed into service.

(iii) The Authority may, as a condition of acceptance of dedication, require posting of financial security to secure the structural integrity of the improvements as well as the functioning of the improvements in accordance with the design and specifications as depicted on the final plan and the Authority's rules and regulations. The financial security shall be in an amount and duration as provided for in the Municipality Authorities Act, 53 Pa.C.S. § 5607(d)(23).

(g) Costs. All application, permit, recording, engineering, inspection, legal and other Authority expenses incurred for the project are the responsibility of the developer.

(h) Enforcement. A violation of any of the procedures in this Section 5.1 will result in cancellation of service and subject the developer and any contractor to the enforcement and penalty provisions under Article 6. In the case of a violation relating to any part of a phased development, service may be canceled to all phases of the development at the discretion of the Authority. A waiver by the Authority of any of the requirements of this Section 5.1 shall not be deemed a waiver of any other requirements described herein.

5.2 **Installation of Water Lines.**

All water lines and service lines shall be installed and braced in accordance with the SCMS in effect at the time of installation. All such SCMS of the Authority are incorporated herein by reference and made a part of these rules and regulations. The owner shall submit plans signed and sealed by a professional engineer licensed by the Commonwealth of Pennsylvania for any new or replacement water line installation. No installation shall be allowed without prior approval by the Authority.

End of Article 5

ARTICLE 6

Enforcement

6.1 **Enforcement.**

Proper officers of the Authority are hereby authorized and directed to do all things and take all actions necessary and proper to enforce the provisions hereof in the manner permitted by law. All tapping fees, assessments, termination fees, and rates charged hereunder, including all penalties, interest, costs, fines, charges, expenses and fees, including reasonable attorney fees, shall be enforceable as a municipal lien against property in accordance with the "Municipal Claims and Tax Lien Act," 53 P.S. § 7101 *et seq.*, in addition to all other remedies available under these rules and regulations.

6.2 **Entry on Private Property.**

Properly authorized and identified representatives of the Authority shall have full and free access to any customer's property at all reasonable times for the purpose of reading meters, for inspection and repairs, for removal of property of the Authority, or for any other purpose incident to water service.

6.3 **Damage to Water System.**

(a) It shall be unlawful for any person to uncover, tap, repair or interfere with any facilities of the water system without proper notification to, and written authorization of, the Authority.

(b) Hydrants, owned and maintained by the Authority or a municipality, shall not be tampered with or obstructed in any way which would interfere with proper use.

(c) During construction of any private dwelling, building, street or during any excavation work, if a pipe line owned by the Authority should be uncovered, the Authority shall be notified immediately; the person so acting shall be responsible for any damage resulting from such work, either physical damage, or damage due to freezing of the pipe line. The Authority may also, at its sole discretion, bill such person at the prevailing rate for water released as a result of the damage.

6.4 **Interference with Easements.**

(a) It shall be unlawful for any person to encroach, impair, obstruct or otherwise interfere with any easement of the Authority without proper notification to, and written authorization of, the Authority.

(b) It shall be unlawful for any person to construct any improvements or perform any excavation or other construction work in an easement of the Authority without first

submitting a plan detailing the work to the Authority. The Authority will review the plan and issue a written determination whether the proposed work may proceed, along with any conditions deemed necessary by the Authority. Any person performing any work shall be responsible for any damage to any facilities of the water system resulting from such work, either physical damage, or damage due to freezing of the pipe line. The Authority may also, at its sole discretion, bill such person at the prevailing rate for water released as a result of the damage.

(c) Violations of this section may be remedied by discontinuance of service as provided for in Section 2.8(b). The Authority may also, in its discretion, take such other actions as permitted under these rules and regulations or at law to remedy the violation, including, without limitation, entry upon the property to remove obstructions and the entry of a municipal lien on the property for the costs of such removal.

6.5 **Penalties.**

Any person who violates the provisions of these rules and regulations shall, in a summary proceeding before a District Magistrate and conviction thereof, be sentenced to pay a fine of not less than \$50.00 or more than \$1,000.00 per offense, plus costs of prosecuting (including attorney fees) and in default of payment of such fine and costs, to undergo imprisonment for not less than five (5) days or more than ninety (90) days. For purposes of this section, a continuing violation shall be considered a separate offense for each day during which the violation continues.

6.6 **Waivers.**

(a) The rules and regulations are the minimum standards for the protection of customers and the water system. The Authority may grant a waiver or modification of the requirements of one or more provisions of these rules and regulations if the literal enforcement will exact undue hardship because of peculiar conditions pertaining to the land in question or the other unique circumstances to the customer, provided that such waivers or modifications will not be contrary to the public interest and that the purpose and intent of the rules and regulations is observed.

(b) The customer shall file all requests for waivers or modifications in writing at least two (2) weeks prior to the Authority meeting where waiver or modification is to be considered. The customer shall state in full the grounds and facts, of unreasonableness or hardship on which the request is based, the provision or provisions involved and the minimum waiver or modification necessary. The Authority may refer the request to the Authority Engineer and/or solicitor for recommendations. The Authority may establish a fee for the processing and review of waiver or modification requests and, in addition, the customer shall be responsible for all engineering or legal costs incurred by the Authority to review the waiver or modification request.

(d) Waivers and modifications shall be granted or denied in the sound judgment of the Authority. The Authority may place reasonable conditions on the grant of a waiver or modification.

End of Article 6

APPENDIX A

DESIGN PLAN STANDARDS RED LION MUNICIPAL AUTHORITY

- I. Index or Key Map
 - A. Maximum drawing size: 24" x 36"
 - B. Scale: Adjusted to meet maximum drawing size
 - C. Details to be shown:
 - 1. Street layout with names
 - 2. Lot layout with numbers
 - 3. Existing water mains with pipe sizes
 - 4. Proposed water mains (with proposed pipe sizes and materials)
 - 5. Existing and proposed sanitary sewers
 - 6. Sanitary sewer and other utility easements
 - 7. Topography with 5' contour intervals
 - 8. Valve locations and blow off locations
 - 9. Hydrant locations
 - 10. Stormwater management facilities
 - 11. References to Plan and Profile indicated along streets
 - 12. PennDOT Legislative and traffic route numbers
 - 13. PennDOT Highway Segments and Offsets
 - 14. Accurate location map with North Arrow

- II. Plan and Profiles
 - A. Maximum drawing size: 24" x 36"
 - B. Plan Scale: 1" = 25'
 - C. Profile Scale: 1" = 25' Horizontal; 1" = 2.5' Vertical
 - D. Profiles shall be shown on same drawing as plan portion
 - E. Plan details to be shown :
 - 1. Same as index map, including topography
 - 2. Adjoining street names
 - 3. Match lines, if utilized
 - 4. Existing and proposed utilities with pipe sizes
 - 5. Storm drainage facilities with pipe sizes
 - 6. Pertinent physical features such as buildings, fences, driveways, etc.
 - 7. Trench cross-sections including specified location warning tape for water mains. Details for water main tracer wire installation including alignment with the water main, connections of valve boxes, intermediate/false valve boxes, splices/connectors and extensions for surface access.
 - 8. Red Lion Municipal Authority standard details for fire hydrants, blow-offs, curb boxes and covers, valve boxes and covers, water service installation, main thrust blocking, trench restoration, residential service configuration, residential sprinkler line plans in sections, and commercial system fire line plans and sections.
 - 9. Residential Fire Sprinkler System, the minimum requirements of such as follows:
 - a. Location map, street address, lot number and reference for approved subdivision and land development plan where applicable.
 - b. Professional certification of RSSP

- c. Required minimum static supply pressure (psi)
 - d. Domestic system design system flow rate (gpm)
 - e. Sprinkler system design flow rate (gpm) (30-Minute supply design flow rate)
 - f. Minimum operating pressure of RFSS
 - g. Service line pipe sizing calculation
 - h. Peak demand calculation
 - i. All survey and proposed water main extension alignment shall be established in the PA State Plane Coordinate System, Horizontal Datum NAD 83, and Vertical Datum NAVD 88.
- F. Profile details to be shown:
- 1. Existing ground profile
 - 2. Finished grade profile
 - 3. Pipe size, pipe material and cover
 - 4. All utility crossings with 18" vertical clearance, 5' horizontal (10' horizontal for sanitary sewer utilities)

III. Record Drawings (As Builts)

- A. Final water main and valve location as constructed, including swing ties or dimensions from permanent reference points (i.e. curb lines, etc.), with electronic-mapping data in GIS-compatible format.
- B. The following information shall be shown for the end of all services:
 - 1. Length of service measured from the main
 - 2. Distance to closest property corner
 - 3. Swing ties referenced to at least two (2) permanent points
 - 4. Depth of service line at the main and curb box
 - 5. Location of meter pits where applicable
 - 6. Abandonment/Termination of service details for existing mains that have been relocated or taken out of service as a result of new main extension/construction

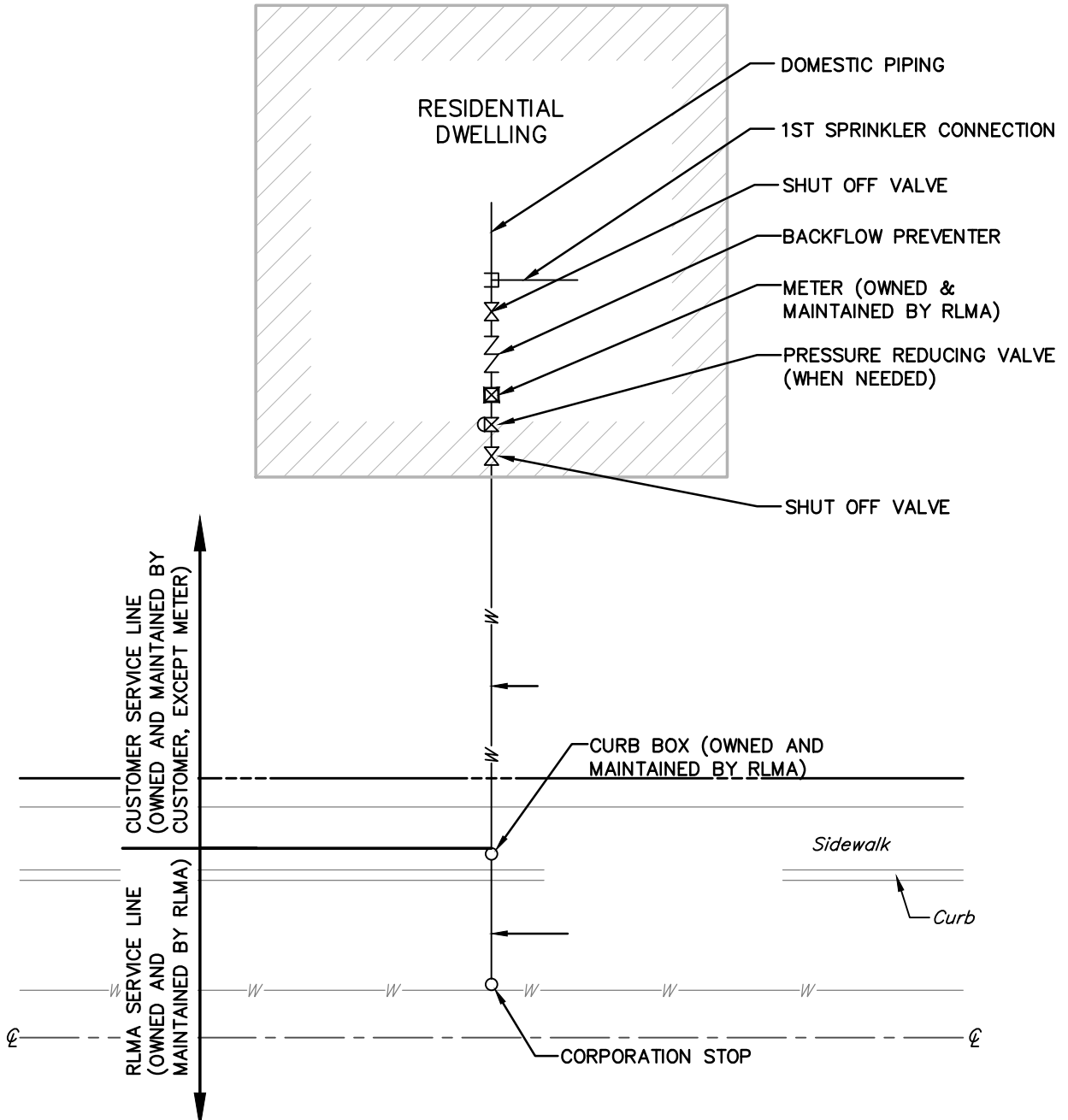
APPENDIX B
**THE FOLLOWING NOTES MUST BE SHOWN ON
ALL PLANS FOR WATER LINE EXTENSIONS**

1. All water mains are to be cement lined ductile iron pipe, Class 52, with brass wedges at, at least, two (2) different points in every joint or fitting. Warning tape and tracer wire shall be installed in accordance with the Red Lion Municipal Authority Standard Construction and Material Specifications.
2. All PaDEP water supply regulations apply.
3. Water lines shall be kept separated a minimum of five (5') feet horizontally from any other utility, except sanitary sewer lines, the separation for which shall be in accordance with PaDEP regulations.
4. All water mains are to be laid on 6" of select excavated material, and covered with 6" of select excavated material, as measured from the top of the bell.
5. All lines must be a minimum depth of 42" to the top of the bell on mains or to the top of the service line.
6. Chlorine in the liquid form must be input to the new line at 50 parts per million and remain for 24 hours. This line shall be totally flushed to not more than three (3) parts per million.
7. All mains and services must be inspected by a representative of the Water Department prior to backfilling.
8. All mains are to be pressure tested with a representative of the Water Department present during testing.
9. All service connections shall be a minimum of 3/4" K copper. Service lines in excess of one coil of tubing require installation of an approved meter pit. Joints are not permitted between the curb box and meter pit.
10. All curb and valve boxes shall be brought to finished grade.
11. Unless otherwise stated, the developer/installer/owner shall be responsible for costs incurred by the Authority for street or highway restoration, and the Authority will hire the contractor to complete such work.
12. The remaining rules and regulations for installation of water mains and service lines as in effect at the time of installation shall be adhered to.
13. All work associated with water main extension improvement shall be completed in accordance with the Red Lion Municipal Authority Standard Construction and Material Specifications.

ABOVE ACKNOWLEDGED this _____ day of _____, 20____.

WITNESS:

OWNER/DEVELOPER/INSTALLER



NOTES:

1. WATER SERVICE LINE SHALL BE SIZED BY HOME BUILDER/SPRINKLER SYSTEM DESIGNER AS DICTATED BY THE RED LION MUNICIPAL AUTHORITY RULES & REGULATIONS.
2. THE FIRST SPRINKLER PIPING CONNECTION MUST BE MADE DOWNSTREAM OF THE BACK FLOW PREVENTER.
3. PRESSURE REDUCING VALVE MAY BE INSTALLED DOWNSTREAM OF BFP & SPRINKLER PIPING CONNECTION WITH APPROVAL.

NOTE: NOT TO SCALE

RED LION MUNICIPAL AUTHORITY RULES AND REGULATIONS

RED LION MUNICIPAL AUTHORITY CENTER SQUARE, P.O. BOX 190 RED LION, PA 17356 TELEPHONE: (717)244-3475 FAX: (717)246-0455	RESIDENTIAL WATER SERVICE CONFIGURATION	DATE: 7/21/2011
		DRAWN BY: CRP
		CHK. BY:
		NO. RLMA 02642-1

K:\130110004\dwg\Amendment - 9.13.2010\RLMA 02642-1.dwg

Figure 4-1