

## SECTION 5

### METERS, BACK-FLOW PREVENTION AND REDUCED PRESSURE ZONE DEVICES

#### A. Metered Service

The Authority shall furnish a water meter for all water services. All meters shall be accessible to and under control of the Authority and shall be and remain the property of the Authority. The cost of meter installation is borne by the owner. Approval of the installed meter rests with the Authority inspector, who shall record the initial reading.

#### B. Size of Meter

1. The Authority shall determine the size and the style of the meter to be installed but in no case shall the meter be more than one (1) commercial size below the size of the service line.
2. A 3/4" meter shall be the smallest meter to be installed on House Connections for domestic use, but this size meter shall only be considered as being adequate for one (1) Consumer. When four or more Consumers receive their supply through a single meter, the size shall be at least 1 inch.

#### C. Installation of Meters

1. Location: All water meters shall be installed as near to the point of entry of the House Connection within the house, in a clean, protected and accessible location, safe from freezing and mechanical damage. No meter shall be installed in a crawl space, coal bin or other inaccessible area. An outside register shall be provided for meter reading.
2. Height: Meter shall be from 12 inches to 54 inches above the floor, set level with dial up.
3. Adaption: Meters shall be installed in a yoke or horn, so designed that inlet and outlet piping are permanently connected physically and bonded electrically and that meter charges do not disturb piping. When the House Connection lies in a vertical position, a corner or other inaccessible location, the

proper adapter such as a yoke or horn shall be used to place the meter to a horizontal position for convenient reading.

4. Shut-off: All meters shall have a shut-off valve on the main side of the meter sized to conform with the inlet line.
5. Inspection: At the completion of the installation of each water meter, the Owner or his agent, shall fill in an installation card furnished by the Authority upon delivery of the meter. Upon return of the card to the Authority, the meter installation will be inspected, and approved if satisfactory. The inspection will make the first meter reading.
6. If the Authority decides that the meter is to be placed outside the building, it must be placed in a meter box approved by the Authority. The meter shall be installed in accordance with the foregoing paragraphs.

D. Inaccurate Meters

The quality of water recorded by the meter shall be conclusive on both the Consumer and the Authority except when the meter has been found by the Authority to be registering inaccurately or has ceased to register. In either case excepted above, the meter will be repaired promptly by the Authority and the quantity of water consumed for the billing period when the meter was out of service or registering inaccurately shall be estimated by the average registration of the meter on three (3) previous corresponding billing period.

E. Protection of Meter

1. The Consumer must, at all times, properly protect the meter from injury by frost or any other cause and will be held responsible for repairs to meter made necessary due to his negligence. Damage due to freezing, hot water, or external cause shall be paid for by the Consumer. Meters will be maintained by the Authority so far as ordinary wear is concerned.
2. The charge for the reinstallation or changing of a meter when removed because of damage in any way to the

negligence of Consumer shall be the same as listed herein for the meter tests. The charge shall include testing of the repaired meters.

F. Meter Tests

At the written request of an Owner or a Consumer, the Authority will make a test of the accuracy of the meter supplying a Property, and if so desired in his presence or that of his authorized representative. A deposit will be required before the meter is tested, which will be returned if the meter is found to be registering more than 4% against the Consumer on a flow equal to one-eighth of the diameter of the service, otherwise the deposit will be retained by the Township to cover the cost of the test. Deposit required with requests for meter and testing shall be as set forth in the Schedule of Rates and Charges then in effect.

G. Liability of Authority

The Authority shall not be liable for any damage resulting from leaks, broken pipes, or from any other cause occurring to or within any house or building, or between curb stop and meter and it is expressly stipulated by and between the

Authority and the Consumer that no claims shall be made against the said Authority on account of the bursting or breaking of any main or service pipe or any attachment to said water works.

H. Meter Calibration/Back-Flow Prevention (Reduced Pressure Principle Back-Flow Prevention Devices). (Rev. 11/6/13)

(a) All Authority customers served with a 2" water service or larger or a fire service meter shall be responsible for meter calibration, and shall provide certification of calibration of each such meter to the Authority. Each service supply meter of 2" or larger and every fire service meter shall be calibrated, at the sole expense of the customer, at least bi-annually, by a person or firm certified to perform such calibration, with certified results returned to the Authority office by December 31 of each even numbered year (i.e., 2014, 2016, 2018, etc.)

(b) Every Authority Customer with a service connection which includes a Back-Flow Prevention Device, including Reduced Pressure Principle Back-Flow Prevention Devices (referred to

herein as "RPP Devices" and used in fire suppression systems which contain fluids or other substances other than potable water) shall be responsible to provide certification to the Authority annually of the proper functioning of all such devices in accordance with then applicable ANSI and AWWA standards, after inspection by a licensed person or company. Such certification shall be provided to the Authority by the end of each calendar year.

(c) All remedial work and replacement costs necessary to achieve satisfactory meter performance and satisfactory performance of backflow preventers, including RPP Devices, shall be the responsibility of the Customer.

(d) In the event the Authority fails to receive certification from any customer to which this Rule applies, the Authority shall provide written Notice of Noncompliance. If compliance is not achieved within sixty (60) days from the date of such Notice, the Authority shall cause each such meter to be calibrated and certified, and shall cause each such back-flow preventer or RPP Device to be inspected and certified, with the cost of such calibration, inspection and certification (together with remediation costs, if necessary) to be the responsibility of the customer. Costs associated with calibration, certification of equipment and/or remediation by the Authority or its contractors or agents shall be billed as part of a monthly or quarterly bill following performance of the work.

(e) The Authority shall be permitted access to all service connections to independently inspect and verify meter calibration and proper functioning of back-flow prevention devices, including RPP Devices.

(f) Non-compliance with any of the provisions of this Section H shall constitute cause for termination of water service by the Authority, upon Notice given in accordance with Section 9.G.3 of these Rules. Notice shall not be required and Rule 9.G.2.f shall apply in instances when the Authority determines service termination is necessary to protect the public health and safety.

#### I. Leaks or Waste

All water passing through a meter shall be charged for at the regular rate, and no allowance will be made for excessive consumption due to leaks or waste.

J. Access to Meter

The Authority shall have the right of free access at all reasonable times to the Property in or on which a meter is installed for purposes of setting, reading, testing, inspecting or repairing.