POLICY FOR INSTALLATION

OF

NEW WATER SERVICE TAPS
AND SPECIFICATIONS FOR REQUIRED METER SETTINGS

WWW.MAWC.ORG

Revised
May 24, 2018
GENERAL
For clarification to questions regarding specific provisions of this Policy for Installation, please contact 800-442-6829 extensions 5885 or 5886. This document also includes the Authority's specifications for the required meter settings.

APPLICATION FOR WATER SERVICE
Applications for new water service taps must be signed and payment made at our business office prior to the actual installation of the water tap. The application form is available for download from our website at www.mawc.org. All payments will include the established prevailing tap fee as of the application date. You will have one (1) year from the date of application to have your service line installed. In the event your service line is not installed within the one (1) year period, you may be required to pay for any increase in the price of tap and related fees from the date of your application to those in effect at the time of connection. No depositor of any premises serviced with water by the Authority will be allowed to supply water to other persons or families or other premises without the approval of the Authority. In applying for water service, you are agreeing to use the water according to the rules, regulations and rates approved by the Municipal Authority of Westmoreland County, copies of which are available for inspection or purchase at our business office, or online at www.mawc.org.

WATER TAP INSTALLATIONS
After the application date, a representative of the Authority will contact the designated individual requested on the application for a field meeting to review the location of the water tap installation. The Authority will have final determination of the exact location of the new water tap. If proposed water tap is for new construction, all lots must be properly marked with appropriate number at the property line. The depositor must notify the Authority when the service line has been installed and the Authority will schedule the tap installation. The Authority will obtain the required permits for the tap installation.

SERVICE TAP INSTALLATIONS
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 depositor. The service line must be laid in a straight line and at a depth to provide not less than four (4) feet cover to protect from freezing. No service line shall be laid in the same trench with a gas pipe, drain or sewer pipe, or any other facility of another public service without Authority approval. Leave at least three (3) feet of pipe coiled above the ground at the tap site for the required hook up prior to backfilling the service line trench. All hook ups between the depositor's service line and the Authority tap must be approved by the Authority.

BILLING FOR SERVICE WILL BEGIN THE DAY THE TAP IS INSTALLED BY THE AUTHORITY.

SERVICE LINE MATERIAL
Type “K” copper must be used between the curb box and the required meter setting. Plastic pipe is permitted after the meter setting providing it is 160# pressure test. Please note that plastic pipe cannot be thawed by mechanical means when freezing occurs. The service line shall be no less than ¾” in size and shall be in keeping with the service for larger sizes.

CURB BOX / SHUTOFF
No obstructions are to be placed over, in or around curb boxes in such a manner as to prevent normal operation of the curb stop, or result in damage to the curb box, curb stop, or service line. Curb stops at the curb line shall not be used by the customer for turning on, or shutting off, the water supply. Curb stops are for the exclusive use of the Authority, and should remain exposed and accessible. The depositor will be held responsible for any obstructions and/or damages.
CROSS CONNECTION CONTROL PROGRAM

In accordance with the Pennsylvania Department of Environmental Protection’s Safe Water Drinking Act, the Authority hereby implements the following Cross Connection Control Program.

PA Title 25 Section 109.709

(a) No person may introduce contaminants into a public water supply through a service connection of a public water system.

(1) It shall be the responsibility of the customer to eliminate cross-connection or provide backflow devices to prevent contamination of the distribution system from both backsiphonage and backpressure. Individual backflow preventers shall be acceptable to the public water supplier.

(2) If the customer fails to comply with paragraph (1) within a reasonable period of time, the water supplier shall discontinue service after reasonable notice has been made to the customer.

RESIDENTIAL CUSTOMERS: Installation of a dual check valve for backflow prevention is required by the Safe Drinking Water Act. This will create a closed system within your home and may require the installation of an overflow tank on your hot water tank, or the installation of a thermal expansion relief valve. Section 607.3.2 of the 2009 IPC Code requires installation of an expansion tank. Please consider this when you are preparing your plumbing for municipal water.

Total Containment (Premise Isolation) Program

1. Industrial Priority
   (Hospitals, Manufacturing Facilities, etc.)

2. Commercial Priority
   (Apartment Buildings, Retail & Office)

3. Residential Priority
   Homes WITHOUT the following:
   - Alternative water source
   - Irrigation system
   - Business in home

ALL ASSEMBLIES AND/OR DEVICES INSTALLED MUST BE ASSE APPROVED:

1013: Reduced Pressure Backflow Assembly (RPBA)
1015: Double Check Valve Assembly (DCVA)
1024: Dual Check Backflow Preventer
1047: Reduced Pressure Detector Backflow Assembly (RPDA)
1048: Double Check Valve Detector Assembly (DCDA)

INSTALLATIONS

All assemblies and/or devices should be horizontal, with the exception being when the manufacturer of the backflow device states it may be installed vertical or horizontal. Other positions as approved by the Water Authority. Follow Authority guidelines for location of backflow preventer and any valving required.

Reduced Pressure Assemblies (RPBA)
- Above ground heated enclosures preferred
- Underground vault not permitted
- Inside heated building
Municipal Authority of Westmoreland County

- Accessible for testing and repair
- Not to be installed in residential unless approved by Authority

**Double Check Valve Assembly (DCVA)**
- Underground vault permitted
- Above ground heated enclosures permitted
- Inside heated building
- Residential use permitted

**Dual Check Valves**
- Residential only, inside building or underground meter pit
- Homes with the following, please contact MAWC to determine which type of backflow is required for your situation
  1) Irrigation system
  2) Business in home
  3) Fire sprinkler
  4) Swimming pool

FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS, ALL INSTALLATION AND/OR MAINTENANCE WORK MUST BE DONE BY A CERTIFIED BACKFLOW CONTRACTOR OR SPECIALIST.

**TESTING**

**Methods:**
New England Waterworks Association
American Society of Sanitary Engineering
Others as approved by Authority

**Frequency:**

Industrial - RPBA, once each year. Test due date based on installation date.

Commercial - DCVA or RPBA, once each year. Test due date based on installation date.

Residential - Dual Check and/or DCVA, visual check and/or test to coincide with meter maintenance. Change-out subject to manufacturer's recommendation.

THE ACCOUNT HOLDER MUST RETAIN A CERTIFIED TEST PROVIDER TO PERFORM THE REQUIRED ANNUAL TEST(S). TEST RESULTS (ONLY POSITIVE RESULTS ARE ACCEPTABLE) SHALL BE REPORTED TO THE MAWC ON AN APPROVED FORM WITHIN 60 DAYS AFTER THE TEST DATE.

**ACCEPTABLE TESTER CERTIFICATIONS:**
- American Society of Sanitary Engineering (ASSE)
- Backflow Management, Inc. (BMI)
- New England Waterworks Association (NEWWA)

Recertification required based upon each agency's requirements.

**SURVEYING & HAZARDS**

Completed by Water Authority on industrial facilities, based on degree of hazard.

Commercial and residential will be inspected during meter maintenance, renovations and/or owner/tenant change etc.
Table VII - 3.1 from Chapter seven of PA-DEP water supply manual used as guideline to determine which assembly to be used. ALWAYS check or contact Water Authority for final decision.

**TERMINATIONS**
Property owner has a sixty (60) day period to comply with installation and/or testing requirement. Non compliance after sixty (60) days will be subject to termination of service. If service is shut off, a turn on fee will be collected *BEFORE* water will be restored.

The Authority must assign a “Degree of Hazard” to all accounts. This “Degree of Hazard” will determine the type of backflow protection needed. The following steps will assure that there will be no interruption of service to any of our customers and water quality will not be compromised.

1. **High Hazard** – Will be determined by the Authority and will need to install Reduced Pressure Backflow Assembly (RPBA)

2. **Low Hazard** – Will be determined by the Authority and will need to install Double Check Valve Assembly (DCVA).

3. To avoid service interruptions, a parallel set, or twin set, of backflow devices should be used. These will consist of two (2) Pressure Reducing Valves (PRVs), two (2) Meters and two (2) Backflow Assemblies.

4. If the customer chooses to use only one (1) set of backflow devices, both customer and the Authority must sign an agreement as such. If test on this assembly fails, water must remain off until corrected.

5. All backflow assemblies must be approved by the Authority.

I choose to only have one (1) meter and one (1) backflow assembly installed on this account. I understand that in the event that failure of any sort, by the meter or backflow device, will cause my service to be terminated and remain off, until the situation is remedied to the satisfaction of the Authority.

<table>
<thead>
<tr>
<th>Customer Name/Signature</th>
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<tbody>
<tr>
<td>Customer Address</td>
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<tr>
<td>Customer Telephone Number</td>
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<tr>
<td>Acct. Number/ Tap Service Number</td>
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_________________________
MAWC Representative Signature
PRESSURE REDUCING VALVES
Due to varied elevations within the Authority's distribution system, certain areas will have high pressure. In order to protect your plumbing, the Authority requires customers to install pressure reducing valves before the meter setting.

PUBLIC NOTIFICATION OF LEAD
Only lead-free solder and materials are to be used for new construction or repairs. The Pennsylvania Department of Environmental Resources, under The Pennsylvania Plumbing System Lead Ban and Notification Act, requires all public water suppliers to obtain a certification that only lead-free materials will be used in the construction of new homes and buildings after January 6, 1991. Connection will be refused if proper certification is not provided. Certifications are available at the time of water tap application.

METER INSTALLATIONS
Upon completion of water tap being installed, the consumer can request the required meter setting by contacting our customer service department. New consumers are required to complete application forms located at our office or on our website. Listed below are the allowable meter settings and locations established by the Authority:

(A) Inside meter settings are available to the consumer providing the distance between the curb stop and the service line entrance to the home is less than 100’. (See attached specifications)

(B) Outside meter settings will be required if the distance from the curb stop and service line entrance into the home is over 100’. The installation and maintenance of the outside meter box will be the responsibility of the consumer. The ground box meter lid and meter yoke are available from the Authority at a nominal cost. Both the meter lid and yoke can be picked up at the time of the service tap application. Please note that the backflow prevention device must be installed inside a meter pit. (See attached specification)

(C) Responsibility of home owner and tenants for water meter settings and water service

1. Always plumb the meter settings so the meter will be positioned horizontally and in an area that is accessible to the meter department of the Authority. Even if there is a touch read meter set, the inside water meter must be maintained and read periodically.

   With the above in mind, it is required:

   (A) Walking access to the inside meter
   (B) The meter cannot be behind appliances
   (C) The meter cannot be behind water softeners
   (D) Meter setting must be six (6) inches from the wall
   (E) Meter setting must be at least twelve (12) inches off the floor
   (F) Meter setting cannot be more than fifty four (54) inches off the floor
   (G) No settings in garage area
   (H) No settings in crawl spaces
   (I) No settings under steps in bi-level homes and townhouses, or backside of closet or any storage area
   (J) Built in meters must have hinged or magnetic doors with items (A) thru (I) taken into consideration
   (K) Meter must be installed in a fashion to keep from freezing

2. Notify the Authority when the water needs to be turned off at the street.
3. Notify the Authority when work is to be performed within the meter setting.

4. Never remove the water meter.

5. Notify the Authority to have the outside touch pad unit removed for re-siding area where touch pad is mounted.

6. The setting
   
   (A) Brass or copper
   (B) Ball or gate valves (No bleed ports)
   (C) Authority approved backflow preventers
   (D) If first valve fails, it must be removed and replaced

7. When does the setting need updated?
   
   (A) Whenever there is work done on the plumbing in the area of the setting
   (B) Whenever the service line is replaced
   (C) Whenever the check valve or backflow preventer fails or is not present in old setting
   (D) No connections are allowed in the setting before the second valve
   (E) Whenever the meter is incorrectly installed i.e. (vertical or inaccessible installations)

TEMPORARY WATER SERVICE CAN BE OBTAINED BY EITHER OF THE REQUIREMENTS LISTED BELOW:

(A) Builder/Developer will install an outside meter setting ground box at a determined location per the attached specifications. Upon the Authority's setting a meter and turning on the requested service, the builder/developer will be billed according to the established rate schedule, which is in effect at that time.

(Note) Outside ground box setting can be used as permanent meter setting.

(B) Builder/Developer will make $150.00 non-refundable deposit with the Authority upon completion of water tap installation. Minimum billing, based on the meter size, will occur until written notification is given for termination. It shall be the builder/developer's responsibility to notify the Authority upon occupancy of the premises.

(Note) Builder/Developer will be responsible for billing until either termination notice or occupancy notice is given to the Authority.
Municipal Authority of Westmoreland County

ADDITIONAL INFORMATION

MAWC retains certain governmental immunities under Pennsylvania Judiciary and Judicial Procedure, Title 42, Section 8541. Specifically, unless otherwise provided for by exception, the Authority bears no liability, “... for damages on account of any injury to a person or property caused by an act of the local agency or an employee thereof or any other person”.

MAWC shall bear no responsibility to the Owner for landscape repairs, replacements and/or reimbursements if such landscaping exists in and/or on a public right-of-way and/or other rights-of-ways granted to the Authority and/or others for use as a utility easement.

MAWC CONTACT INFORMATION

Website – WWW.MAWC.ORG

Mailing Address-Correspondence
Municipal Authority of Westmoreland County
PO Box 730
Greensburg, PA 15601-0730

Mailing Address-Bill Payments Only
Municipal Authority of Westmoreland County
PO Box 800
Greensburg, PA 15601-0800

New Stanton Business Office Location
Municipal Authority of Westmoreland County
124 Park and Pool Road
New Stanton, PA 15672

Telephone Numbers
Application for Water Service 724-755-5800 Option #4 Customer Service Department
Scheduling of Water Tap Installation 724-755-5800 Option #5 Distribution Department
New Meter Installation 724-755-5800 Option #4 Customer Service Department
Toll Free 800-442-6829

General Inquiries
New Stanton Business Office 724-755-5800
Toll Free 800-442-6829
NOTES:

METER AND 1/2" METER COUPLINGS FURNISHED BY AUTHORITY AT NO EXTRA COST TO THE PROPERTY OWNER AS SHOWN ON PROJECT "B"

ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY

PROJECT "A" (BY AUTHORITY)

- 3/4" CURB STOP
- CURB BOX
- BEGINNING OF PROJECT "B"

1. RESIDENTIAL DUAL CHECK
2. COMMERCIAL and INDUSTRIAL CUSTOMERS REQUIRE RPBA or DCVA
3. RESIDENTIAL CUSTOMERS WITH ONE OF THE FOLLOWING WILL REQUIRE RPBA or DCVA
   1. IRRIGATION SYSTEM
   2. BUSINESS IN HOME
   3. FIRE SPRINKLER
   4. SWIMMING POOL

PROJECT "B"

- PROPER SLEEVE
- FOUNDATION WALL
- 3/4" K COPPER
- 3/4" BALL VALVE OR CHECK VALVE PER CUSTOMER PREFERENCE OR AS SPECIFIED BY LOCAL PLUMBING CODE
- 1/2" METER COUPLING
- PRESSURE REGULATOR BEFORE METER
- BACKFLOW DEVICE
- METER 5/8"

Municipal Authority of Westmoreland County

CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REVISED: 5/22/2018
NOTES:

METER AND 1/2" METER COUPLINGS FURNISHED BY AUTHORITY AT NO EXTRA COST TO THE PROPERTY OWNER AS SHOWN ON PROJECT "B"

ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY

PROJECT "A"
(BY AUTHORITY)

1" CURB STOP

GROUND LEVEL

CURB BOX

BEGINNING OF PROJECT "B"

1" METER COUPLING

PRESSURE REGULATOR BEFORE METER

PROPER SLEEVE

FOUNDATION WALL

FLOW

1" K COPPER

1" BALL VALVE OR CHECK VALVE PER CUSTOMER PREFERENCE OR AS SPECIFIED BY LOCAL PLUMBING CODE

NOTE: ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY

PROJECT "B"

1" METER COUPLING

BACKFLOW DEVICE 1 2 3

CONTACT MAWC TO DETERMINE WHICH BACKFLOW DEVICE TO BE INSTALLED

1" STOP & DRAIN VALVE

FLOW

15 1/2"

Municipal Authority of Westmoreland County

CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REVISED: 5/22/2018
APPROVED SERVICE LINE SET-UP
FOR 5/8” METER IN GROUND BOX

1. COMMERCIAL and INDUSTRIAL CUSTOMERS REQUIRE RPBA or DCVA
2. RESIDENTIAL CUSTOMERS WITH ONE OF THE FOLLOWING WILL REQUIRE RPBA or DCVA
   1. IRRIGATION SYSTEM
   2. BUSINESS IN HOME
   3. FIRE SPRINKLER
   4. SWIMMING POOL
3. CONTACT MANIC TO DETERMINE WHICH BACKFLOW DEVICE TO BE INSTALLED

COPPER MUST BE 10” MIN. FROM METER

NOTES:
METER YOKE AND METER LID AVAILABLE FROM AUTHORITY AT NOMINAL COST.
ALL PRECAUTIONS SHOULD BE TAKEN FOR PROPER DRAINAGE.
UNLESS THESE AUTHORITY SERVICE SPECIFICATIONS ARE COMPLIED WITH, THE WATER WILL NOT BE TURNED ON.
ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY

Municipal Authority of Westmoreland County
CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REVISED: JULY 3, 2013
APPROVED SERVICE LINE SET-UP
FOR 1" METER IN GROUND BOX

GROUND LEVEL

2" DIAMETER x 36" LONG METER BOX

1. COMMERCIAL and INDUSTRIAL CUSTOMERS REQUIRE RPBA or DOVA
2. RESIDENTIAL CUSTOMERS WITH ONE OF THE FOLLOWING WILL REQUIRE RPBA or DOVA
   1. IRRIGATION SYSTEM
   2. BUSINESS IN HOME
   3. FIRE SPRINKLER
   4. SWIMMING POOL
3. CONTACT MAVC TO DETERMINE WHICH BACKFLOW DEVICE TO BE INSTALLED

COPPER MUST BE 10' MIN. FROM METER

NOTES:
METER YOKE AND METER LID AVAILABLE FROM AUTHORITY AT NOMINAL COST.
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Municipal Authority of Westmoreland County
CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REVISED: JULY 3, 2013
TYPICAL VAULT SECTION
(Reinforced Concrete Meter Vault Specifications)

- Vault as manuf. by American Tank & Concrete Service or equal
- Billco or equal
- Finish grade
- L' length x 6' wide inside dimensions
- 6' (typical)
- Floor elev.
- 4' drain/trap slope to atmosphere

NOTE: Any modification must be approved by the authority

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Municipal Authority of Westmoreland County
CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REvised: July 3, 2013
Municipal Authority of Westmoreland County

MAWC FIRE SERVICE METER SPECIFICATIONS

(3", 4", 6", 8" & 10" Meters)

DOUBLE DETECTOR QUICK VALVE ASSEMBLY.
BILGE PIPE SYSTEMS ARE USED WHERE FREEZE INHIBITORS ARE REQUIRED.

FIRE SERVICE METER

GATE VALVE

NOTE: ANY MODIFICATION MUST BE APPROVED BY THE AUTHORITY

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REVISION: JULY 3, 2013

CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

Municipal Authority of Westmoreland County
Required For Residential Sprinkler Systems

18-Inch Diameter Rigid Dual Service Meter Pit for 1" Meter

Plan View

- 1" Full Port Angle Ball Valve
- PVC Stabilizing Bracket
- 1" U-Bar
- Spacer Bar In Place Of Pressure Regulator Valve

Detail A

- 18" Composite Lid
- 18" Dia. PVC Shell
  Min. Wall Thick. = 0.366"
- 18" Dia. Insulating Pad, Optional
- Spacer Bar In Place Of 1" Meter
- See Detail A

Section View

- 1" Brass Risers
- 1" Brass Hex Nut (Typ.)
- 1" Brass MIP Inlet Connection
- 2" 3/4" Brass MIP Outlet & 3/4" Brass MIP Outlet Connections

Municipal Authority of Westmoreland County
CUSTOMER SUPPORT
724-755-5800 or 800-442-6829 Ext 5885 or 5886

REVISED: JULY 3, 2013
WATER RATE SCHEDULE

Please refer to https://www.mawc.org/water-rates or call 724 755-5800 for information about current water rates.