

**RULES AND REGULATIONS**

Applying to

**WATER SERVICE**

Adopted by the

**DEPARTMENT OF MUNICIPAL SERVICE**

of the

**CITY OF WYANDOTTE, MICHIGAN**

Since 1889

Revised February 19, 2006

**RULES AND REGULATIONS APPLYING  
TO WATER SERVICE**

**ARTICLE 1**

**DEFINITIONS**

**SECTION 1. COMMISSION.** The Board of Commissioners of the Department of Municipal Service of the City of Wyandotte, Michigan, and its authorized representatives.

**SECTION 2. BACKFLOW PREVENTER.** A backflow preventer is a device or assembly designed to prevent backflow into the potable water system. There are many types of backflow preventers, be specific in its description.

**SECTION 3. CROSS CONNECTION.** A cross connection or interconnection is any physical connection between a city water supply and any waste pipe, soil pipe, sewer, drain or any private or uncertified water supply. Furthermore, it is any potable water supply outlet which is submerged or can be submerged in waste water, and/or any other source of contamination.

**SECTION 4. SERVICE.** The facilities between the Utility's Mains and the service connection and shall include all of the pipe, fittings and valves necessary to make the Connection.

**SECTION 5. CUSTOMER'S SERVICE LINE.** The pipe and Fittings owned by the customer between the service Connection and the place of consumption.

**SECTION 6. SHALL, SHOULD, MAY.** The word "shall" when Used in the Rules and Regulations is mandatory; "should" is not mandatory, but expresses the recommendation of the Commission; "may" implies neither compulsion nor recommendation, only permission.

## **ARTICLE 2**

### **GENERAL REGULATIONS**

**SECTION 7.** All applications for the use of City Water and connections to the City water mains shall be made at the Office of the Department of Municipal Service.

**SECTION 8.** Applications shall state in detail, the purpose for which the supply is required, the correct address, or any other information required. A water contract shall be signed at the time applicant applies for water service.

**SECTION 9.** All work performed by plumbers on water services and meter settings shall be subject to inspection by the Commission, or its employees who have authority hereby granted, to order any part of such work to be discontinued or changed, in order that the same shall comply with the Rules and Regulations or any other requirements of the Commission.

**SECTION 10.** The Plumbing Inspector for the City of Wyandotte shall act as Inspector for the Commission.

## **ARTICLE 3**

### **ACCESS TO PROPERTY**

**SECTION 11.** The utility shall, at all reasonable hours, have access to meters, service connections and other property owned by it which may be located on the customer's premises for purposes of installation, maintenance, operation or removal of its property at the time service is to be terminated. The customer's system should be open for inspection at all reasonable times to authorized representatives of the Commission. Employees of the Commission whose duties require him/her to enter the customer's premises shall wear a distinguishing uniform or other insignia identifying him as an employee of the Commission, or carry on his/her person a badge or other identification which will identify him/her as an employee of the Commission, the same to be shown by him/her on request.

## ARTICLE 4

### EXPLANATION OF CHARGES

**SECTION 12.** Service connection charges may be revised from time to time at the discretion of the Municipal Service Commission.

**SECTION 13.** Charges and rates for services rendered and water supplied by the water supply system, and connections thereto, shall be charged to each lot or parcel of land, building, premises, or part thereof having any connection with the system on the basis of the schedules of charges and rates determined by the Commission.

**SECTION 14.** On all paved City streets, where the water main is under pavement, and it is necessary to break same, in order to tap the main and make service pipe connections, an additional charge shall be made on services 1½" and larger.

**SECTION 15.** All service connections and service pipes from the City's mains to lot lines shall be installed by properly authorized employees of the Commission. before receiving a service connection there must be paid such sum as the Commission may require to cover the expense of installing same.

**SECTION 16.** When property is supplied with two service pipes, each having a meter, and it is the wish of the owner or occupant to disconnect one of the meters, thereby eliminating one minimum rate, it will be necessary for the owner or occupant to connect these two lines at his expense and receive service through one meter.

**SECTION 17.** All fire sprinkler service lines shall have a detector check meter, purchased from the Commission at the current rate for water meters. The entire cost of said meter shall be paid by the property owner.

## ARTICLE 5

### SERVICE LINES

**SECTION 18.** All new service lines from the water main to the meter shall be a minimum of 1 inch.

**SECTION 19.** All water service lines, in sizes from 1 inch to 2 inches shall be of Type "K" copper, from the City main to the water meter.

*SPECIAL NOTE: Plastic pipes such as those manufactured of polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), polyethylene (PE), polybutylene (PB) and acrylonitrile-butadiene-styrene (ABS) are widely used in the water industry. With incidents of permeation by organic chemicals (gasoline, kerosene, motor oil, paint thinner, etc.) Wyandotte Municipal Service discourages the use of plastic pipe for potable water in underground applications.*

*The Plumbing Board has accepted plastic pipe for the same application subject to the same conditions. The Plumbing Board will permit the plastic pipe as an acceptable material to enter the building. It shall then terminate at the meter, or within 5 feet inside of the point of entering the building. It shall then terminate at the meter, or within 5 feet inside of the point of entering the building. Electric grounding shall be accomplished in conformity to the Wyandotte Electrical Code. Plastic pipe shall be approved by the National Sanitation Foundation Testing Laboratory for potable water supply and bear the NSF seal of approval. The pipe shall only be used for cold water. The pipe shall have a pressure rating of no less than 125 psi and the pressure rating shall be marked on the pipe. The plumber shall install necessary approved fittings to adapt from plastic pipe to standard water works fittings.*

**SECTION 20.** All service pipes from property lines to meter shall be exposed for inspection and approval before a permit will be issued to apply for a water service from the main to property line. The plumber shall install a soldered male fitting and valve within five (5) feet from the point where the meter service enters the basement or building.

**SECTION 21.** All service lines from the City water main to the **property line** shall be maintained by the Commission.

All maintenance on service lines from the property line to the meter shall be repaired by the property owner at his expense. Property owners shall be given 10 days notice to repair said line and if at the end of 10 days repairs have not been completed, the water shall be shut off.

**SECTION 22.** In all cases on underground copper water services, approved flared or compression fittings must be used. In no case shall the use of a sweat or soldered fitting be permitted.

**SECTION 23.** The top of all service pipes shall be not less than 4½ feet below grade of pavement, and on unpaved streets or areas where final grades are not known, service pipe shall be 6 feet below the surface of the earth.

**SECTION 24.** It is expressly forbidden to lay aside of premises a service pipe along the outside wall or in any position where there is danger of frost. It is also expressly forbidden to make new connections or install any new attachments or fixtures to old connections or install any new attachments or fixtures to old connections that will require stream to prevent freezing.

**SECTION 25.** The underground water service pipe and the building drain or building sewer shall be installed not less than ten (10) feet apart horizontally and shall be separated by undisturbed or compacted earth, except that the water service pipe may be placed in the same trench with the building drain and building sewer provided the following conditions are met:

1. The bottom of the water service pipe, at all points, shall be at least twelve (12) inches from the top of the sewer line at its highest point.
2. The water service pipe shall be placed on a solid Shelf excavated at one side of the common trench.

**SECTION 26.** If City water is piped into a building or Premises through more than one service pipe, there shall Be at least one check valve in each service between the Meter

**SECTION 27.** All valves 4 inches and larger on service lines shall be of the gate type, left hand open, and may be constructed with an iron body or all brass.

**SECTION 28.** All services from the City main to meter pipes, over 2 inches inside diameter, shall be equivalent to Class "54" ductile iron pipe, slip joint or mechanical joint, cement lined, poly wrapped and conform with the specifications of the AWWA.

**SECTION 29.** No person, other than employees of the Department shall open or close any valve in the public main, nor molest or interfere with any valve or valve box cover.

**SECTION 30.** No person shall tap or connect any water main or insert a service clock therein excepting employees of the Commission duly authorized to do so.

## **ARTICLE 6**

### **LOCATION OF SERVICE**

**SECTION 31.** The customer's service line shall extend to that point on the customer's property line easiest of access to the utility from its existing distribution system or requiring the least extension of the existing distribution line. The Commission shall be consulted and its approval secured as to the proper location for the customer's service line.

## **ARTICLE 7**

### **CROSS CONNECTIONS**

**SECTION 32.** The water supply for drinking and domestic purposes shall not be connected with the distribution system of another water supply unless such connection is approved by the Commission. No plumbing, plumbing fixture, construction, valve, fitting, device, apparatus or connection shall be installed which will provide a cross connection between the distributing system of water supply for drinking and domestic purposes and a drainage system, soil or waste pipe, so as to permit or make possible the back flow of sewage or waste into the water supply system.

Water supply pipe connections to swimming pools, hospital sterilizers, bed pan sterilizers, house tanks and plumbing fixtures shall be made in a manner so as to make impossible the return of any water, liquid or waste from the swimming pool, sterilizer, house tank or plumbing fixture to the water supply distributing system either by gravity or siphoning.

When it is determined that a backflow prevention assembly is required for the protection of the public system the water department shall require the customer, at the customer's expense, to install an approved backflow prevention assembly where determined, to test immediately upon installation and annually or more often in those instances where successive inspections indicate repeated failure, to properly repair and maintain such assembly or assemblies and to keep adequate records of each test and subsequent maintenance and repair, including materials or replacement parts.

## **ARTICLE 8**

### **METERING**

**SECTION 33.** All new connections with the water mains must be prepared for the use of water through a meter. The Commission, on July 15, 1927, adopted the policy of metering all water consumed. Only one meter per service is permissible.

**SECTION 34.** The Commission shall furnish up to and including a 1 inch meter. If a larger meter is required, the difference in cost between the larger meter and the 1 inch meter shall be paid by the property owner, except where a detector meter is installed on a fire sprinkler service line, and in such cases the entire cost of said meter shall be paid by the owner.

**SECTION 35.** On all properties where meters larger than 1½ inch are required, the meter shall be of the compound type purchased from the Commission.

**SECTION 36.** A template for the meter will be furnished on receipt at the Municipal Service Office of an application blank properly filled out by the plumber. The template must be set before the property becomes occupied.



**SECTION 37.** Meters and their valves will not be allowed in any location where there is difficulty of access.

**SECTION 38.** All meters shall be set horizontally, in dry, clean sanitary places, perfectly accessible, and where a leak or the spilling of water will do no damage.

**SECTION 39.** All pipes  $\frac{3}{4}$  inch and 1 inch shall be arranged so as to allow a  $\frac{1}{2}$  inch spring for installing and removing the meter.

**SECTION 40.** All meters in basements, residential or commercial buildings shall not be less than 2 feet nor more than 4 feet above the basement floor.

**SECTION 41.** No accessible outlet between the meter and the main shall be allowed.

**SECTION 42.** Temperature relief valves meeting ASA Z21.22 standards are required on hot water heaters in addition to pressure relief valves.

**SECTION 43.** The owner of any premises where a meter is installed shall be held responsible for its care and protection from damage by freezing or hot water and from injury or interference by any person or persons. Cost of repairs will be billed to the property owner.

**SECTION 44.** The owner of any premises where a remote reading device is installed shall be held responsible for its care and shall protect it from damage or interference by any person or persons.

**SECTION 45.** All services, 3 inches and larger must have a by-pass the same size as the meter. All meters  $1\frac{1}{2}$  inches and larger shall be set by the plumber, after the meter setting has been inspected and approved by the Commission.

**SECTION 46.** All persons are forbidden to break seals or in any way interfere with or remove a water meter from any service connections without first receiving permission from the Commission. Whenever a meter is removed by permission, it must immediately be returned to the Commission, under penalty of having the water disconnected or the plumber's license revoked.

**SECTION 47.** All clearance distance from wall or any other object to center of service pipe shall be as follows:

<b>METER SIZE</b>	<b>CLEARANCE</b>
5/8"; 3/4"	5"
1"	6"
1½"	12"
2"	14"
3"	18"
4"	22"
6"	30"

**SECTION 48.** Outside meter wells are not allowed.

## **ARTICLE 9**

### **ENFORCEMENT**

**SECTION 49.** The supply of water may be withheld from the premises when ordinances of the City of Wyandotte, or the Rules and Regulations of the Commission have, in any manner been violated. If any person shall, after the water has been shut off from any premises, cause or suffer such premises to be supplied with water without permission of the Commission, such premises shall be disconnected from the distribution pipe of the Utility.

**SECTION 50.** The license of any plumber may, at any time, be suspended or revoked by the Board of Plumbing Examiners for the violation of any of the rules and regulations of the Commission. Plumbers must comply with such regulations as the Commission may adopt from time to time, in regard to water service.

No plumber shall allow his name to be used by any other party, directly or indirectly, for the purpose of doing work or obtaining permits under his license.

**SECTION 51.** The failure to perform work in accordance with the Rules and Regulations of the Commission shall subject the plumber to a temporary or permanent suspension of his license.

## ARTICLE 10

### DISCONTINUATION OF SERVICE

**SECTION 52.** Service may be refused or discontinued for any of the following reasons listed below:

1. In the event of a condition determined by the Commission to be hazardous, the service will be discontinued without notice.
2. Without notice in the event of customer use of equipment in such a manner as to adversely affect the utility's equipment or the utility's service to others.
3. Without notice in the event of tampering with the equipment furnished and owned by the Commission.
4. Without notice when the utility has discovered clear and convincing evidence that by fraudulent means a customer has obtained unauthorized water service or has diverted water service for unauthorized use or has obtained service without same being properly registered upon the Commission's meters.
5. For violations and/or noncompliance with the Commission Rules and Regulations.
6. For failure of the customer to fulfill his contractual obligations for service.
7. For failure of the customer to permit the Commission reasonable access to it's equipment.
8. For nonpayment of bill including delayed payment charges.