

ORDINANCES
OF
THE METROPOLITAN DISTRICT
RELATING TO
WATER SUPPLY

MDC



This Compilation has been Published
by the Office of the District Clerk of
THE METROPOLITAN DISTRICT
and Contains all Revisions Through March 1, 2020

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This compilation has been published by the Office of the District Clerk of The Metropolitan District and contains all revisions through March 1, 2020. Where adoption and effective dates are not noted, ordinance approval is November 6, 1961.

Any reference to the District Manager, or to the Manager, shall be construed as referring to the Chief Executive Officer, as provided in Section B2d of the By-Laws of the District Board of The Metropolitan District, as approved on September 11, 2000.

Any reference to the Registrar of The Water Bureau shall be construed as referring to the District Clerk, as provided in Section B2h of the By-Laws of the District Board of The Metropolitan District, as approved on September 11, 2000.

The Metropolitan District's Ordinances are divided into three categories — General, Sewerage, and Water Supply — and are published separately.

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W-1 WATER RATES

PART 1, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W1a</u>	Water Used Charge (Treated Water)
<u>W1b</u>	Customer Service Charge
<u>W1c</u>	Surcharge Outside The Metropolitan District
<u>W1d</u>	Charges for Untreated Water
<u>W1e</u>	High-Pressure Service
<u>W1f</u>	Surcharge Outside The Metropolitan District for Capital Improvements

SEC. W1a WATER USED CHARGE (TREATED WATER)

The WATER USED CHARGE is the quantity of water used as read at the meter, as follows:

BILLS RENDERED

RATE

MONTHLY

\$3.97 per 100 Cubic Feet

(Adopted December 16, 2019)

(Effective January 1, 2020)

SEC. W1b CUSTOMER SERVICE CHARGE

The CUSTOMER SERVICE CHARGE is a service charge applicable to all metered services and services to be metered. The charge shall be determined from the size of each meter installed or to be installed on the premises, as follows:

SIZE OF METER

MONTHLY BILLING

5/8"	\$14.98
3/4"	\$14.98
1"	\$14.98
1 1/2"	\$48.60
2"	\$77.80
3"	\$145.89
4"	\$243.55
6"	\$486.07
8"	\$771.16
10"	\$1,777.77
12"	\$1,896.38

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W1c SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT

In towns outside the limits of The Metropolitan District, in addition to charges under SEC. W1a and W1b, there shall be a surcharge determined from the size of the meter installed on the premises, as follows:

SIZE OF METER

MONTHLY BILLING

5/8"	\$14.98
3/4"	\$14.98
1"	\$14.98
1 1/2"	\$48.60
2"	\$77.80

3"	\$145.89
4"	\$243.55
6"	\$486.07
8"	\$771.16
10"	\$1,777.77
12"	\$1,896.38

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W1d CHARGES FOR UNTREATED WATER

Charges for untreated water sold to water companies and agencies under agreement between The Metropolitan District and such companies or agencies, or by other arrangement, shall remain at the rate of \$1.50 cents per hundred cubic feet.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W1e HIGH-PRESSURE SERVICE

There are established within the territory served by The Metropolitan District, high-pressure areas, such areas being those tributary to, and served by, the following pumping plants:

Wickham Hill in East Hartford
Mountain Road in West Hartford
Canal Road in West Hartford
Farmstead Lane in Glastonbury
Mountain Road in Newington
Simsbury Road in Bloomfield
Hawley Road in West Hartford
Orchard Street in Glastonbury
Vexation Hill in Newington
Bear Ridge in Bloomfield
Buckingham in Glastonbury

Within the following areas, there shall be added to the established rates, charges to cover the extra cost of furnishing high-pressure service, as follows: In the areas served by the Mountain Road Pump Station, including the second stage Canal Road Area, in West Hartford, an amount equal to fifteen percent of the water bill at established rates, to continue until the attributive costs of furnishing such service have been recovered.

(Adopted Dec. 3, 1973)

(Effective Dec. 13, 1973)

SEC. W1f SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS

In towns outside the limits of The Metropolitan District for which capital improvements or layout and assessment projects are constructed, in addition to the charges set forth in SEC. W1a, W1b and W1c, there shall be a surcharge on the water rates as follows:

1. On or before the end of each fiscal year, The Metropolitan District shall determine the actual cost of each capital improvement constructed for each non-member town and the net cost (cost less assessments) of layout and assessment projects constructed for each non-member town. The costs and/or net costs, as applicable, shall be allocated to the towns for which the work was performed and shall be a surcharge on the water rates of the users located in such towns.
2. The annual surcharge to be added to each user's water rate shall equal the total amount of the costs and/or net costs, as applicable, allocated to the town in which such user is located [excluding costs which the town has paid as set forth in Section W1f(3)] amortized over a twenty year period using an interest rate computed by the District which approximates the District's long-term cost of funds for its General Obligation Bond portfolio at the time of the expenditure multiplied by the percentage of hydraulic capacity of each user's meter size (based on the American Water Works Association meter size capacity) of the aggregate hydraulic capacity of all meters in such town. The surcharge shall be billed in either quarterly or monthly installments, as applicable, commencing with the first bill sent out in the fiscal year succeeding the fiscal year in which the work was performed and continuing over the twenty year period.
3. The District shall, as soon as possible after the completion of each capital improvement project or separate phase thereof, provide to the non-member towns for which a capital improvement was constructed a compilation of the costs associated with the construction of such project(s). If, on or before the end of the District's fiscal year in which such construction was completed, a non-member town agrees to pay and does in fact pay all or a portion of the cost of a capital improvement constructed for such town, then the amount paid by such town shall be deducted from the total amount of costs and/or net costs allocated to such town as described in Section W1f(1) and used to calculate the individual surcharges as set forth in Section W1f(2).

Farmington

SIZE OF METER	MONTHLY BILLING
5/8"	\$1.07
1"	\$2.14
1 1/2"	\$4.27
2"	\$80.13
3"	\$186.97
4"	\$320.53
8"	\$427.37
	\$1,068.43

Glastonbury

SIZE OF METER	MONTHLY BILLING
5/8"	\$1.57
3/4"	\$2.35
1"	\$3.13
1 1/2"	\$6.26
2"	\$117.44
3"	\$274.03
4"	\$469.77

South Windsor

SIZE OF METER	MONTHLY BILLING
5/8"	\$.34
3/4"	\$.67
1"	\$1.01
1 1/2"	\$1.35
2"	\$25.29
3"	\$59.00
4"	\$101.15
6"	\$134.86

Manchester

SIZE OF METER

MONTHLY BILLING

5/8"	\$2.43
1"	\$7.29
3"	\$425.28
6"	\$972.07

(Adopted February 10, 2020)

(Effective February 20, 2020)

W-2 WATER BILLS AND METERS

PART 2, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W2a</u>	Payment of Water Bills
<u>W2b</u>	Unpaid Water Bill Constitutes Lien
<u>W2c</u>	Shut-Off for Non-Payment
<u>W2d</u>	All Water Metered
<u>W2e</u>	Meter Furnished by Water Bureau
<u>W2f</u>	One Meter for Each Service
<u>W2g</u>	Location of Meter
<u>W2h</u>	Charge for Meter Boxes and Pits
<u>W2i</u>	Temporary Unmetered New Services
<u>W2j</u>	Removal of Meter and Abandonment of Service
<u>W2k</u>	Payment of Miscellaneous Water Bills

SEC. W2a PAYMENT OF WATER BILLS

Water bills shall be due and payable within 25 days of the date of issue. Beginning July 1, 2003, one per cent (1%) interest will be applied monthly to the unpaid balance, including previously applied interest, of all water bills outstanding beyond the 25 days.

(Adopted May 7, 2018)

(Effective June 1, 2018)

SEC. W2b UNPAID WATER BILL CONSTITUTES LIEN

Any claim or debt due for charges for the use of water shall be and constitute a lien upon the lot, house, tenement or premises upon, or in conjunction with which, said water was used until such claim or debt, together with interest and lien charges shall be fully paid, but no such lien shall attach unless a certificate of such lien, describing the property on which the same exists and the amount to be claimed, signed by the Registrar or other authorized representative of the Water Bureau, shall be filed with the town clerk of the town wherein such lien accrued, within two years after the original charge shall have become payable.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W2c SHUT-OFF FOR NON-PAYMENT/DENIAL OF ACCESS

The Water Bureau reserves the right to shut off the water from premises where the bill remains unpaid 30 days after date on which payment is due or the property owner refuses to grant access to view, inspect, repair or replace the water meter or other District equipment. If so turned off, the water will not be turned on again without payment of all charges, or the granting of access to the District equipment, as the case may be, plus a fee as established by the Water Bureau as part of its Special Rules and Charges.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W2d ALL WATER METERED

All Metropolitan District water, except for fire protection service, is supplied through meters and the charge for all water passing through such meters will be billed to the owner of record of the property supplied whether the water is used or wasted. If, from any cause, the meter fails to register, the consumption of water will be estimated and the charge made will be based on the registration of the meter when in order, or upon the registration for a corresponding prior period.

SEC. W2e METER FURNISHED BY WATER BUREAU

The Water Bureau reserves the right to designate the size of meter to be installed on any service and will furnish and maintain the meter. In case of loss, misuse, or damage by frost, hot water, or external causes, the expense of replacement or repair will be collected from the property owner.

(Adopted October 7, 1974)

(Effective October 17, 1974)

SEC. W2f ONE METER FOR EACH SERVICE

One meter, and one meter only, shall be allowed on a service pipe, except that battery meter settings may be installed on large services at the discretion of the Water Bureau. The customer service charge for battery settings shall be the sum of the customer service charges for the size of meters making up the battery. All water supplied to the premises through that pipe, except that used for fire protection only, shall pass through that meter, or battery of meters, and shall be billed at the regular rates.

(Adopted October 7, 1974)

(Effective October 17, 1974)

SEC. W2g LOCATION OF METER

The property owner shall furnish and maintain an approved place for the meter, in a horizontal position, just inside the building wall, not more than 225 feet from the street, where the meter will be accessible for reading and repairing, or shall furnish a suitable housing for meters 5/8" through 2" in size. For larger meters the property owner shall build a suitable housing for the meter from plans approved by the Deputy Manager for Engineering and Planning and shall maintain such housing in good safe condition.

(Adopted December 13, 1983)

(Effective Jan. 1, 1984)

SEC. W2h CHARGE FOR METER BOXES AND PITS

This section has been deleted.

(Adopted December 13, 1983)

(Effective Jan. 1, 1984)

SEC. W2i TEMPORARY UNMETERED NEW SERVICES

All new domestic service installations will carry a customer service charge based on the size of the meter to be installed, as provided in Section W1b. All new fire services will carry a monthly charge based on the size of the service, as provided in section W6f. The customer service charge will commence the day after the date on which the domestic service is extended from the water main and will continue until the meter is installed, after which the regular water rates and service charges will take effect. The monthly charge for fire services will commence the day after the date on which the service is extended from the water main.

(Adopted June 2, 2003)

(Effective June 12, 2003)

SEC. W2j REMOVAL OF METER AND ABANDONMENT OF SERVICE

An order from the property owner for the removal of a meter for any reason whatsoever will not relieve the property owner of the customer service charge rate payment for the size of meter removed until an order is received from the owner of the property authorizing the Water Bureau to abandon the service itself. Customers will be liable for all charges for water service until written notice has been given the Water Bureau to discontinue the supply or that a change of ownership has taken place.

(Adopted October 7, 1974)

(Effective October 17, 1974)

SECTION W2k PAYMENT OF MISCELLANEOUS WATER BILLS

Miscellaneous water bills shall be due and payable within one month from the date of issue, and the Water Bureau is empowered to permit an extension of the due date up to seven days after the end of the billing period. One per cent (1%) per month will be applied to all outstanding miscellaneous water bills beyond the extension of time.

This ordinance shall be effective for bills rendered on or after October 1, 1999.

(Adopted August 2, 1999)

(Effective October 1, 1999)

W-3 CLASS I DISTRIBUTION MAINS

PART 3, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W3a</u>	Applications for Connections
<u>W3b</u>	Connection Charges
<u>W3c</u>	Service to Interior Lots
<u>W3d</u>	Payment of Connection Charges
<u>W3e</u>	Connection Charge Becomes Lien

SEC. W3a APPLICATIONS FOR CONNECTIONS

Whenever a water main has been installed from which service connections will be permitted, for the general purpose of strengthening the system, without assessing the cost upon the abutting property, which mains are designated "Class I Distribution Mains", an owner of such property may be allowed to have service connections from the main so installed, provided his application is accompanied by a plan showing all the frontage owned by him abutting on the main and on which he has indicated any approved and recorded subdivision thereof and the portion to be served with water.

(Adopted Dec. 13, 1983)

(Effective Jan. 1, 1984)

SEC. W3b CONNECTION CHARGES

For each service so installed, a connection charge in addition to the regular service charge will be made. If the frontage of the lot or section of the legally subdivided property so served, or the total contiguously owned frontage if not legally subdivided, is less than twice the width of a legal lot, this connection charge shall be the current main pipe assessment charge multiplied by such frontage. If such Frontage is equal to or more than twice the width of a legal lot, the frontage to be paid for shall be the larger of 150 feet or the width of a legal lot. In unusual situations, such as no legal lot width, zoning restrictions on developable frontage, and where plot planning restricts subsequent subdivision, the Water Bureau will determine the frontage to be paid for. In commercial and industrial zones, the total frontage of record shall be paid for. The width of a legal lot as referred to above is the minimum frontage required under current zoning regulations for the area in which it is situated.

(Adopted Aug. 9, 1971)

(Effective Aug. 19, 1971)

SEC. W3c SERVICE TO INTERIOR LOTS

If the property to be supplied is interior land with no frontage on a main but with a right of way to a main, it may be supplied upon payment of a fee equal to the current base assessment rate multiplied by the larger of one legal lot width or 150 feet, unless otherwise determined by the Water bureau. If a public street is later built, so that property so served has frontage on it, any subsequent main pipe assessment against the property will be credited with the amount of the fee.

(Adopted Jan. 4, 1971)

(Effective Jan. 14, 1971)

SEC. W3d PAYMENT OF CONNECTION CHARGES

Upon approval of an application for a Class I connection, the treasurer shall be notified and the Treasurer shall prepare and send notices to the property owner or owners, for each service so installed, stating the Amount of the connection charge and when the same is due and payable. Said connection charges for installations approved after the effective date of this ordinance may be paid in the same manner as provided for payment of Class II assessments. Sec. W4c, and the rate of interest charged shall be the current rate being charged Class I assessments at the time the connection charge is declared due and payable.

(Adopted Aug. 9, 1971)

(Effective Aug. 19, 1971)

SEC. W3e CONNECTION CHARGE BECOMES LIEN

Under the provisions of Sec. 5-2b charter, edition of 1968, the connection charge shall be a lien upon the land on account of said installation, which lien shall commence and attach to said land from the time the connection charge shall be declared due and payable, provided a certificate of such lien describing the property and the amount of the connection charge due shall be filed with the clerk of the town wherein such lien accrued, within one year after the connection charge shall have become due and payable.

(Adopted Aug. 9, 1971)

(Effective Aug. 19, 1971)

W-4 CLASS II MAINS AND ASSESSMENTS

PART 4, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W4a</u>	Cost of Extensions Assessed
<u>W4b</u>	Public Hearing on Assessment
<u>W4c</u>	Payment of Assessment
<u>W4d</u>	Amount Assessed Becomes Lien
<u>W4e</u>	Basis of Assessment
<u>W4f</u>	Conditions for Laying Pipe
<u>W4g</u>	Replacement of Mains
<u>W4h</u>	Installation of Mains by Developer's Method
<u>W4i</u>	Acquisition of Private System

SEC. W4a COST OF EXTENSIONS ASSESSED

Whenever in the opinion of the Water Bureau of The Metropolitan District, public necessity and convenience require the extension of any main pipe and whenever said bureau shall vote to make such extension, said bureau shall assess the cost of such extensions against the land found by said bureau to be specially benefited thereby whether the land of such person or persons abuts upon the road, street, highway or main or not and in proportion to the frontage or adjusted frontage of said land.

(Adopted July 6, 1987)

(Effective July 16, 1987)

SEC. W4b PUBLIC HEARING ON ASSESSMENT

Before said bureau shall vote to make any such extension, at least ten days written notice of the proposed extension shall be given to the owner or owners of the land and buildings upon which the cost of such water mains may be assessed, and of the time and place when objections to such extensions will be heard by said bureau or a committee thereof, and notice thereof shall also be published twice, at least, in a daily newspaper published within the limits of The Metropolitan District.

(Adopted Dec. 6, 1976)

(Effective Dec. 16, 1976)

SEC. W4c PAYMENT OF ASSESSMENT

After installing and placing in operation any such water main and after said Bureau has voted that benefits assessed therefore are due and payable, it shall deliver to the Treasurer of the District the description of the properties assessed, with the names of the owner and the amounts of such assessments and the Treasurer shall prepare and send notices to each of the owners whose properties have been so assessed, stating the amount of the assessment and when the same is due and payable.

Said assessments may be paid by any owner in sixteen (16) annual installments over a period of fifteen (15) years. The first installment shall be paid within thirty days after the same is declared to be due and payable, and if so paid, said installment shall be without the addition of any interest charge. Each year thereafter for a period of fifteen (15) consecutive years one installment shall be due and payable on the same month and day as the due date of the first installment. The property owner may elect installment payments over twenty (20) years instead of fifteen (15) and for said charges to be billed monthly as part of the property's water bill rather than annually.

All unpaid balances, unless delinquent, shall bear interest at the following rates:

- (a) Interest on project for which the hearing is held after July 17, 1969, at the rate of six (6) percent per annum.

- (b) Interest on projects for which the hearing was held prior to July 17, 1969, shall continue to be at the rate of four (4) percent per annum.
- (c) Any installment payment or portion thereof not paid within thirty (30) days of its due date shall bear interest at the rate of nine (9) percent per annum to the date of its payment. Any installment or portion thereof delinquent on or after November 1, 1975 shall bear interest at the rate of twelve (12) percent per annum. Any installment or portion thereof delinquent on or after January 1, 1982 shall bear interest at the rate of fifteen (15) percent per annum.
- (d) Any owner so desiring, within sixty days after an assessment is declared to be due and payable, may pay the entire amount of the assessment without the addition of interest thereto. Any owner may make advance payment on any future installment.

(Adopted Dec. 16, 2019)

(Effective Jan. 1, 2020)

SEC. W4d AMOUNT ASSESSED BECOMES LIEN

The amount so assessed shall be a lien upon the lands and buildings on account of which it was assessed, which lien shall commence and attach to said land and buildings from the time of the passage by said bureau of the vote to extend said water main, provided a certificate of such lien, describing the property on which the same exists and the amount thereof, shall be filed with the town clerk of the town wherein such lien accrued, such certificate to be signed by the Registrar or other authorized representative of said bureau and to be filed within one year after the assessment or charge shall have become payable.

SEC. W4e BASIS OF ASSESSMENT

The Water Bureau shall determine and adopt a rate for assessment of benefits for the installation of Class II distribution mains for each calendar year, or oftener if said Bureau deems it necessary, and such rates shall be reported to the District Board at the next meeting thereof. In determining such rate said Bureau shall give consideration to actual cost of 8-inch mains constructed in recent years and to the estimated cost of constructing such mains in the ensuing calendar year. No assessment shall be made against any property in excess of the special benefit deemed by said Bureau to accrue to such property.

On multilane divided state highways, where services and connections cannot be run across the highway in the normal fashion, the rate of main pipe assessment shall be one and one half times the normal assessment rate as determined hereinbefore.

(Adopted Dec. 1, 1969)

(Effective Dec. 11, 1969)

SEC. W4f CONDITIONS FOR LAYING PIPE

Said Bureau may vote to extend its main pipe in accordance herewith in any road, street or highway that has been, or is to be, legally accepted by the city or town within which said road, street or highway is located, or in any existing road, street or highway for which the town has assumed maintenance and public service, or in any private roadway that has been graded and which The Metropolitan District has the right, by deed or otherwise, to install and maintain pipes. Except by special arrangements, no pipe may be laid in any road, street or highway until the same has been rough-graded to an established grade in the location assigned by the city or town authorities for the pipe line.

(Adopted May 6, 1963)

(Effective May 16, 1963)

SEC. W4g REPLACEMENT OF MAINS

Whenever, because of inadequate size or unsatisfactory conditions, public necessity or convenience, as determined by vote of the Water Bureau, shall require the replacement of a public water pipe less than 4 inches in diameter by a main pipe 6 inches or larger in diameter, located in a public street, highway or alley within the area supplied with water by the District, or when such public convenience or necessity, as so determined, shall require replacement by such public water main of an obsolete or inadequate private supply pipe, previously installed without cost to the Water Bureau and subsequently used by said bureau to supply its patrons, the cost of such replacement shall be assessed against the land found by said bureau to be especially benefited thereby in accordance with the then current main pipe assessment rate, but the rate of such assessment shall be 25% of the current main pipe base rate against all abutting property. Existing service pipes will be connected to the new mains without charge.

SEC. W4h INSTALLATION OF MAINS BY DEVELOPER'S METHOD

In lieu of the installation of a Class II main or mains and appurtenances and the assessment therefore, the Water Bureau may, by agreement with the developer or owner, require the construction of, such main or mains and appurtenances at the expense of said developer or owner. The Water Bureau is empowered to authorize the District Clerk to enter into agreements on behalf of the developer's contractors or Water Bureau forces, or combinations thereof, as mutually determined and agreed upon. Such agreements shall provide for assumption of liability by the developer or owner in connection with such construction and adequate insurance shall be required. In cases where, in staff's opinion, special circumstances are involved, the Administration must bring the matter to The Water Bureau for approval. The Chairman or Vice Chairman of the Water Bureau is authorized to sign all such agreements on behalf of The Metropolitan District. The Chairman of the Water Bureau may, at his or her discretion, authorize the District Clerk to sign all such agreements on behalf of The Metropolitan District.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W4i ACQUISITION OF PRIVATE SYSTEM

If any private water system petitions the District to acquire or incorporate the private system into the District's water supply distribution system, or the District is legally ordered to acquire any private system in accordance with Conn. Gen. Stat. § 16-262o, the system must be inspected by District staff and meet District design and construction standards. The design and construction of any necessary improvements will be done in accordance with the District's process for the Developer's Method described in § W4h. The costs associated with any necessary improvements of the acquired private water system shall be paid by the acquired water company or by the properties so served.

(Adopted December 4, 2017)

(Effective January 1, 2018)

W-5 WATER SERVICES

PART 5, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W5a</u>	Charges for Service Pipe
<u>W5b</u>	Applications for Larger Service Pipes
<u>W5c</u>	Service Pipe Details
<u>W5d</u>	Stop and Waste Valves
<u>W5e</u>	Meter Setting
<u>W5f</u>	Backwater Valve
<u>W5g</u>	Combination Services Not Allowed
<u>W5h</u>	Reactivated Services
<u>W5i</u>	Services to Non-Abutting Property
<u>W5j</u>	Services Adjacent to End of Main

SEC. W5a CHARGES FOR SERVICE PIPE

New service pipes shall be installed by, or on behalf of, the property owner from the distribution main to the property to be served. The charges for service taps of the several sizes shall be determined by the Water Bureau for each calendar year and, in determining the charges, said Bureau shall give consideration to actual costs of service taps of the several sizes constructed in recent years and to the estimated cost of making such taps in the ensuing calendar year, and such charges shall be reported to the District Board at the next meeting thereof. Old service pipes that break between the main and street line shall be repaired or replaced by the District at no charge to the property owner. Old service pipes that are inadequate due to corrosion and clogging shall be replaced or relined by the District between the main and street line, at no charge to the property owner, provided the property owner has already renewed his service from the street line to the building, and the District determines, through flow tests or other means, that the service is still inadequate. When a water service pipe is in need of replacement, or a new water service pipe is to be installed for connection to the District's water distribution system, the property owner may at his or her election request to participate in the District's water service installation program as established by the Water Bureau, as may be modified or amended from time to time.

(Adopted December 16, 2019)

(Effective January 1, 2020)

SEC. W5b APPLICATIONS FOR LARGER SERVICE PIPES

Before the approval of the installation of a service pipe larger than 1-inch in diameter, a form listing the water requirements of the property to be supplied shall be filed with the Water Bureau, so that the proper size of meter may be determined.

SEC. W5c SERVICE PIPE DETAILS

Service pipes are to be installed by persons licensed by the State of Connecticut to do such work; such licensed persons shall be retained by the property owner and paid by the property owner. All such installations between the distribution main and meter setting shall be laid in a manner prescribed by the Water Bureau and subject to inspection, before backfilling, by a representative of said bureau.

Such service pipes shall be of type K copper tubing, or other approved pipe, at least one inch and not more than two inches inside diameter. Pipes over two inches in diameter shall be of Class 54 American Water Works Association standard ductile iron water pipe. All pipes shall be laid so as to have at least 4-1/2 feet of cover and shall not be laid in a trench with other pipes or conduits except as allowed by State Public Health Code. Service pipes shall be laid at least ten feet away from any septic tank leaching field.

(Adopted April 2, 1984)

(Effective April 12, 1984)

SEC. W5d STOP AND WASTE VALVES

Plumbers shall furnish and install an approved stop and waste cock, or shut-off valve, on the service pipe immediately after its entry into the building, except in cases where special permission is given to install the same elsewhere. Said cock or valve shall be of the same nominal size as the service pipe.

SEC. W5e METER SETTING

Plumbers shall install a meter setting, furnished by the Water Bureau, in a horizontal position in the house piping immediately after the main shut-off and as near to where the service pipe enters the building as practicable.

SEC. W5f BACKWATER VALVE

All services installed or renewed after enactment of this section shall be equipped by the owner of the property with an approved valve or stop cock immediately following the meter setting, on the house side, to act as a back valve and prevent the house piping from emptying while the meter is being changed, or during other work on the water service pipe, and all services installed prior to the date of enactment of this section shall be equipped by the owner of the property with a similar back valve within 90 days of the passage hereof, provided the water service supplies any hot water tank, pressure vessel or other water-using apparatus not equipped with a vacuum breaker, and so constructed that the formation of a vacuum in the house supply pipes might cause its collapse.

SEC. W5g COMBINATION SERVICES NOT ALLOWED

The installation of combined fire and domestic services will not ordinarily be permitted except by special permission, a separate service connection being required in each case. When a combination service is to be installed by special permission or an existing combination service is repaired or replaced, the service pipe shall be laid in a manner prescribed by the Water Bureau and subject to inspection, before backfilling, by a representative of said bureau.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W5h REACTIVATED SERVICES

When a service 2" or less in size has not been physically disconnected from the main it may be turned on upon the payment of the accumulated customer service charges for a 3/4" meter dating from the time it was ordered cut off.

(Adopted Dec. 13, 1983)

(Effective Jan. 1, 1984)

SEC. W5i SERVICES TO NON-ABUTTING PROPERTY

Whenever application is made for a service connection to supply a single property not abutting upon a distribution main, the owner of the property shall pay a connection charge computed on the same basis as connection charges to Class I Distribution Main.

In case a water main is later installed in the street or land on which the property is located, the main pipe assessment against the frontage covered by said connection charge will be considered paid in full.

(Adopted September 8, 1986)

Effective September 18, 1986)

SEC. W5j SERVICES ADJACENT TO END OF MAIN

If the property to be served is adjacent to the end of a main, the Deputy Manager for Engineering and Planning, after receiving payment of the frontage charges, may permit a tap to the existing main and allow the contractor to extend a one-inch service to the point where the service is desired, provided the distance does not exceed 35 feet.

(Adopted Dec. 13, 1983)

(Effective Jan. 1, 1984)

W-6 HYDRANTS

PART 6, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W6a</u>	Charges for Installation
<u>W6b</u>	Charges for Maintenance
<u>W6c</u>	Charges for Moving Hydrants
<u>W6d</u>	Using Hydrants
<u>W6e</u>	Refund of Connection Charges for Hydrants
<u>W6f</u>	Charges for Private Fire Protection Service
<u>W6g</u>	Payment of Hydrant Maintenance Bills

SEC. W6a CHARGES FOR INSTALLATION

Whenever a public hydrant is requested by proper municipal authority, the order will be complied with by the Water Bureau of The Metropolitan District on payment of an established charge.

The respective charges for all hydrants installed concurrently with the main to which they are to be connected and for all hydrants not installed when the main to which they are to be connected is being laid shall be determined by said Bureau for each calendar year and such charges shall be reported to the District Board at the next meeting thereof. Said charges shall be based on the cost of making each such type of installation during recent years and on the estimated cost of installing such hydrants in the ensuing year.

The charges cover the following items:

- (a) A standard connection, 6 inches in diameter, to the water mains of The Metropolitan District.
- (b) A connecting pipe, with proper gate and other appurtenances, 6 inches in diameter and of cast iron, from the water main to the location for the hydrant designated by the proper authority, in the area back of the curb or pavement limit or in a similar location. The hydrant shall be placed on the side of the street closest to the water main or, if the hydrant is placed on the opposite side of the street, in lieu of the charges determined as hereinbefore provided, the full cost of the installation plus overhead shall be charged.

Private hydrants may be installed at total cost plus overhead.

(Adopted December 1, 1969)

(Effective December 11, 1969)

SEC. W6b CHARGES FOR MAINTENANCE

All public hydrants and their connections, when installed, are part of the public water system of The Metropolitan District, which will maintain them subject to an annual charge to be paid by the responsible party. A public hydrant is defined as any hydrant connected to a public water main regardless of whether the public main is located outside a public roadway. Annual charges for maintenance will be billed to the municipality where the public hydrant is located. A private hydrant is a hydrant connected to a private service and is outside The District's public water system. Annual charges for maintenance of private hydrants will be billed to the property owner or owner of the private water system. The amount of the annual charges for public and private hydrants shall be those established by the Water Bureau, based on current costs.

Non-payment of the annual maintenance charge, after due notice thirty days in advance, will be sufficient authority for the Water Bureau to discontinue service at all hydrants where such payment is in arrears.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W6c CHARGES FOR MOVING HYDRANTS

Obsolete hydrants will be replaced without cost. Undersized hydrant laterals will be replaced with 6" laterals at cost plus overhead, on order of the proper authority. Hydrants that must be moved because of interference with driveways or for other reasons, will be moved, the charge shall be cost plus overhead.

(Adopted July 7, 1980)

(Effective July 17, 1980)

SEC. W6d USING HYDRANTS

No person shall, without proper authority of the Water Bureau, use or interfere with any public fire hydrant.

SEC. W6e REFUND OF CONNECTION CHARGES FOR HYDRANTS

This section has been deleted.

(Adopted December 13, 1983)

(Effective January 1, 1984)

SEC. W6f CHARGES FOR PRIVATE FIRE PROTECTION SERVICE

Charges for metered or unmetered connections to water mains supplying water for fire protection including combination services shall be in accord with the following table:

<u>SIZE OF CONNECTION</u>	<u>MONTHLY CHARGE</u>
1"	\$5.00
2"	\$22.85
3"	\$29.74
4"	\$44.64
6"	\$74.80
8"	\$240.00
10"	\$375.00
12" & Larger	\$540.00

(Adopted December 16, 2019)

(Effective January 1, 2020)

SECTION W6g PAYMENT OF HYDRANT MAINTENANCE BILLS

Hydrant maintenance bills shall be due and payable within one month from the date of issue, and the Water Bureau is empowered to permit an extension of the due date up to seven days after the end of the billing period. One per cent (1%) per month will be applied to all outstanding hydrant maintenance bills beyond the extension of time.

This ordinance shall be effective for bills rendered on or after October 1, 1999.

(Adopted August 2, 1999)

(Effective October 1, 1999)

W-7 GENERAL WATER REGULATIONS

PART 7, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W7a</u>	Cross-Connections Prohibited
<u>W7b</u>	District Not Liable for Service Interruptions
<u>W7c</u>	Notice of Interruption Not Required
<u>W7d</u>	Tapping of Mains, Etc., Prohibited
<u>W7e</u>	Unauthorized Use of Water
<u>W7f</u>	Tampering With Service Pipes
<u>W7g</u>	Violation of Ordinances, Penalties
<u>W7h</u>	Trespass on Water Supply Premises
<u>W7i</u>	Supplementary Regulations
<u>W7j</u>	Trespass on Premises of The Metropolitan District
<u>W7k</u>	Improper Behavior on Premises of The Metropolitan District
<u>W7l</u>	Vehicle Operation on Premises of The Metropolitan District
<u>W7m</u>	Parking of Vehicles on Premises of The Metropolitan District
<u>W7n</u>	Equestrians
<u>W7o</u>	Aircraft

<u>Section</u>	<u>Section Title</u>
<u>W7p</u>	Recreational Use of Reservoirs
<u>W7q</u>	Camping and Building of Fires
<u>W7r</u>	Vandalism
<u>W7s</u>	Vendors
<u>W7t</u>	Alcoholic Beverages and Controlled Drugs
<u>W7u</u>	Protective Gear To Be Worn For Certain Recreational Activities
<u>W7v</u>	Punishment for Violation of Regulations

SEC. W7a CROSS-CONNECTIONS PROHIBITED

Metropolitan District water will not be supplied to premises where the pipes used to convey or distribute said water are connected, directly or indirectly, with any supplementary or secondary fire or other water service system or supply, so as to possibly receive a water supply from any source other than that furnished by the District system; provided, the Deputy Manager for Distribution may allow such connection to be maintained if such other source or supply shall be from a potable supply approved by the Connecticut State Department of Health. The Deputy Manager for Distribution shall cause a severance of all such dual systems and shall prevent the construction of any future system of like character, except as herein provided. All interior piping shall conform with the recommendations of the State Sanitary Code.

SEC. W7b DISTRICT NOT LIABLE FOR SERVICE INTERRUPTIONS

The Water Bureau of The Metropolitan District furnishes water and not pressure, and does not guarantee a continuous supply. No responsibility will be assumed for any damages to any apparatus in any house or building due to the shutting off of water without notice, either for repairs on account of a break in the pipe lines, or for other necessary operations.

SEC. W7c NOTICE OF INTERRUPTION NOT REQUIRED

While it is the intention to give notice, as far as possible, in advance of any work which must be done that will necessitate interruption of the supply, such notice is to be considered a courtesy only and not a requirement on the part of the Water Bureau. In case of break in pipe lines, water will be shut off at any time without notice.

Failure of tenant or property owner to receive notice of interruptions of service shall entail no responsibility on the part of The Metropolitan District, its officers or employees. Property owners must so regulate their installations connected with the water supply system that damage will not occur if water is shut off without notice.

SEC. W7d TAPPING OF MAINS, ETC., PROHIBITED

No person shall, without proper authorization from the Water Bureau, tap the mains or distributing pipes, insert stopcocks therein, set or remove meters on service pipes, interfere with water gates or curb cocks or change or operate any pipe or fixture on a water service pipe between the outlet end of the meter and the street main.

SEC. W7e UNAUTHORIZED USE OF WATER

Every person who shall, without proper authorization from the Water Bureau of The Metropolitan District, tap or make any connection with any street main or service or other distributing pipe connected with the water system, or who shall, without such authorization, open any gate or valve connected with said system so as to obtain water from said system, or for the purpose of obtaining such water, or who shall, in any way, or by any device, obtain the use of such water without such authorization, shall, upon conviction for such offense by the Circuit Court of the District in which the offense was committed, be subject to a fine not exceeding Thirty (30) Dollars or to imprisonment not exceeding thirty days, or to both such fine and imprisonment.

SEC. W7f TAMPERING WITH SERVICE PIPES

No person shall insert, or cause or permit to be inserted, into any water pipe which is a part of the supply or distribution system of The Metropolitan District, or which is directly or indirectly connected with said system, any object, material or substance which may cause damage to said system or stoppage or diminution of the flow of water therein.

SEC. W7g VIOLATION OF ORDINANCES, PENALTIES

If the owner, agent, lessee, tenant or person in charge of any premises shall violate any ordinance of the District affecting said premises and shall fail to remove any violation and comply with any written order of the Water Bureau pertaining thereto within thirty days after such order shall have been sent by mail, postage prepaid, to the last known address of such person, said bureau may discontinue service to such premises. If water service shall be so discontinued, it shall not be resumed until the rule or regulation so violated shall have been complied with to the satisfaction of said bureau and a fee of Two (2) Dollars paid to said bureau for service in turning the water off and on.

SEC. W7h TRESPASS ON WATER SUPPLY PREMISES

Any person who shall, without permission, enter or remain upon any premises of The Metropolitan District used for water supply purposes or for the protection of such supply or in connection therewith, for the purpose of hunting, trapping, fishing or taking or destroying the nests or eggs of birds, gathering nuts, fruits, berries or other materials shall be punished by a fine of not more than thirty dollars or by imprisonment not exceeding thirty days or by both such fine and imprisonment, upon conviction in the Circuit Court of the District in which the offense was committed.

(Note: See Sec. 25-43 of General Statutes re bathing, committing nuisance, etc., in public water supplies).

SEC. W7i SUPPLEMENTARY REGULATIONS

The Water Bureau may make and enforce regulations not inconsistent with these ordinances (W1-W9) and for the purpose of interpretation or amplification of the same.

SEC. W7j TRESPASS ON PREMISES OF THE METROPOLITAN DISTRICT

No person shall without permission of an agent of The Metropolitan District enter upon the premises of The Metropolitan District in any area posted against entry, and no person shall without permission of the Metropolitan District remain in any area beyond the periods of time specified on signs posted thereon. No person shall avoid or attempt to avoid the payment of any fee required by The Metropolitan District for entrance to any of its premises or for the use of any equipment, property or facility.

(Adopted Jan. 5, 1976)

(Effective Jan. 15, 1976)

SEC. W7k IMPROPER BEHAVIOR ON PREMISES OF THE METROPOLITAN DISTRICT

No person shall conduct himself while on the premises of The Metropolitan District in a disorderly manner. Any person who by offensive or disorderly conduct annoys or interferes with any person or any person who by his behavior is apt to injure himself or others; or any person who by his behavior is apt to damage the property of others shall be deemed to have violated this section.

(Adopted July 11, 1966)

(Effective July 21, 1966)

SEC. W7l VEHICLE OPERATION ON PREMISES OF THE METROPOLITAN DISTRICT

Operators of all motor vehicles are required to be properly licensed and to carry such license with them when operating a motor vehicle on Metropolitan District property. The operation of vehicles on Metropolitan District premises shall be limited to established roadways and parking areas when open for public use. The operation of registered commercial vehicles, and the operation of unregistered motor vehicles are prohibited on Metropolitan District premises, and the operation of motorcycles as defined in Section 14-1 (25) of the General Statutes is prohibited in the West Hartford-Bloomfield Reservoir area and in the Glastonbury areas. No vehicle shall be operated in violation of district regulations or in excess of posted speed limits or in a reckless manner, while on the premises of The Metropolitan District.

(Adopted Jan. 5, 1976)

(Effective Jan. 15, 1976)

SEC. W7m PARKING OF VEHICLES ON PREMISES OF THE METROPOLITAN DISTRICT

No person shall park any vehicle, trailer, or cart on the roads or premises of The Metropolitan District in violation of the regulations listed on signs posted thereon or in such a manner so to obstruct other traffic or cause damage to Metropolitan District property. the cost of removing any vehicle, trailer, cart that is parked in violation of this section shall be paid by the owner and/or operator of the vehicle.

(Adopted Jan. 5, 1976)

(Effective Jan. 15, 1976)

SEC. W7n EQUESTRIANS

Horseback riding is prohibited on the premises of The Metropolitan District except on those trails, paths, and such portions of roadways that are designated by signs to be open for this use.

(Adopted July 11, 1966)

(Effective July 21, 1966)

SEC. W7o AIRCRAFT

The landing of aircraft on any reservoir, pond, or lake which is on the premises of the Metropolitan District is prohibited, except in case of emergency, and except that permission may be granted by an authorized agent of The Metropolitan District. The unauthorized use of any unmanned aerial vehicle (drone) is prohibited on all property owned by The Metropolitan District.

(Adopted December 4, 2017)

(Effective January 1, 2018)

SEC. W7p RECREATIONAL USE OF RESERVOIRS

Fishing, boating, skating, skiing, swimming or related activities are prohibited on the Nepaug Reservoir, the Barkhamsted Reservoir, and the West Hartford-Bloomfield Reservoirs.

The carrying or discharge of firearms and/or hunting on property of The Metropolitan District are prohibited provided that such prohibition does not apply to the West Branch and Greenwoods watersheds nor to premises leased by The Metropolitan District to others, nor to areas specifically designated by the Metropolitan District. State regulations relating to hunting on State-leased lands shall be applicable to Metropolitan District land where hunting is permitted.

Swimming, fishing and boating are permitted in the Compensating Reservoir when in full compliance with State law and posted rules and regulations except that fishing, skating, skiing or related activities on or through the ice on the Compensating Reservoir are prohibited.

Fishing and boating are permitted in the West Branch Reservoir and in the Colebrook River Reservoir as provided by State law or by agreement with the United States Government.

(Adopted Jan. 5, 1976)

(Effective Jan. 15, 1976)

SEC. W7q CAMPING AND BUILDING OF FIRES

No person shall camp upon the property of The Metropolitan District. No person shall kindle a fire upon the premises of The Metropolitan District except in those fireplaces, stoves, or braziers provided or approved by an agent of The Metropolitan District and only at those times and in those places permitted by the posted regulations or by an agent of The Metropolitan District.

(Adopted July 11, 1966)

(Effective July 21, 1966)

SEC. W7r VANDALISM

No person shall mark, deface, or damage any building, structure, equipment, sign, road surface, walk, natural rock or earth surface, tree, plant, or shrub that is located on property of The Metropolitan District.

(Adopted July 11, 1966)

(Effective July 21, 1966)

SEC. W7s VENDORS

No vendors shall conduct, or attempt to conduct business on premises owned by The Metropolitan District, except that insofar as permitted by State law, a temporary license may be granted by an authorized agent of The Metropolitan District to conduct such business.

(Adopted July 11, 1966)

(Effective July 21, 1966)

SEC. W7t ALCOHOLIC BEVERAGES AND CONTROLLED DRUGS

No person shall possess or use alcoholic beverages or controlled drugs while on those premises of The Metropolitan District that are designated to be recreation areas,

including the surface of the Compensating Reservoir. No person shall possess or use alcoholic beverages or controlled drugs while on The Metropolitan District premises known as the West Hartford-Bloomfield reservoir system.

(Adopted Jan. 5, 1976)

(Effective Jan. 15, 1976)

SEC. W7u PROTECTIVE GEAR TO BE WORN FOR CERTAIN RECREATIONAL ACTIVITIES

1) Purpose

The purpose of this section is to promote safety and reduce the possibility of serious injuries to persons engaged in certain wheel-mounted recreational activities.

2) Definitions

As used herein, the following words and phrases shall have the meanings set forth:

“Bicycle” shall mean a human-powered vehicle designed to transport, by the act of pedaling, one or more persons seated on saddle seats mounted on its frame. Bicycle shall include, but not be limited to, a mountain bicycle a/k/a mountain bike.

“In-line skates” shall mean roller skates with multiple wheels aligned in a single row meant for the purpose of propelling the user across a pavement or other hard surface which are also known as roller blades.

“Protective helmet” shall mean a piece of headgear which meets or exceeds the impact standard for protective bicycle helmets set by the American National Standards Institute (ANSI), the American Society for Testing and Materials (ASTM) or any safety standard established by an agency of the United States Government or the State of Connecticut.

“Protective pad” shall mean a device designed for protecting a particular part of the human body from impact and/or abrasion including, but not limited to a knee pad, elbow pad, forearm pad or hip pad.

“Roller skate” shall mean a shoe or boot with wheels or casters attached to its sole intended for human conveyance across a pavement or other hard surface.

“Skateboard” shall mean a short narrow board having a set of four roller skate wheels or casters mounted on its underside intended for human conveyance across a pavement or other hard surface.

3) Protective Gear Required

While on the property of the district, no person shall ride upon a bicycle, in-line skates, roller skates, or a skateboard without wearing the protective gear specified below:

While riding on a bicycle:	a protective helmet.
While riding on in-line skates:	a protective helmet and knee pads and elbow pads and wrist pads.
While riding on roller skates:	a protective helmet and knee pads and elbow pads.
While riding on a skateboard:	a protective helmet and knee pads and elbow pads.

4) Penalty

In addition to such penalties as may apply generally to violations of the ordinances of the metropolitan district, a person violating this section shall be subject to expulsion from district property for a period of time deemed appropriate by the district manager or his designee.

(Adopted February 2, 1998)

(Effective February 12, 1998)

SEC. W7v PUNISHMENT FOR VIOLATION OF REGULATIONS

In accordance with Section 54-1a of the General Statutes and in accordance with Section 5-3 of the 1993 Compilation of the Charter of the Metropolitan District, a violator of Metropolitan District Regulation W7j, W7k, W7l, W7m, W7n, W7o, W7p, W7q, W7r, W7s, W7t, or W7u shall be punished upon conviction in the Superior Court of the district in which the violation was committed by a fine not exceeding thirty dollars, or by imprisonment not exceeding thirty days, or by both fine and imprisonment for each violation of a Metropolitan District Regulation or Ordinance.

(Adopted February 2, 1998)

(Effective February 12, 1998)

W-8 AIR CONDITIONING

PART 8, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W8a</u>	Definitions
<u>W8b</u>	Approval and Inspection
<u>W8c</u>	Regulating Devices
<u>W8d</u>	Water Conserving Devices
<u>W8e</u>	Demand Charges

SEC. W8a DEFINITIONS

Air-conditioning as used herein means the cooling or de-humidification, or both, of space used primarily for human occupancy.

Air-conditioning system means any single air-conditioning unit or group of units supplied with water through a common service.

SEC. W8b APPROVAL AND INSPECTION

All air-conditioning system installations requiring the use of water from The Metropolitan District water system, installed after April 1, 1958, shall be subject to the approval and inspection of the Water Bureau.

The Water Bureau shall be notified not later than July 1, 1958, of the existence of any such air-conditioning system installed prior to April 1, 1958.

SEC. W8c REGULATING DEVICES

All air-conditioning installations comprising one or more units with a combined capacity of less than 5 tons shall be equipped with an automatic regulating device so adjusted as to limit the use of water under maximum summertime use to not more than 1.5 gallons per minute per ton.

SEC. W8d WATER CONSERVING DEVICES

All air-conditioning installations comprising one or more units with a combined capacity of 5 tons or more, installed after April 1, 1958, shall be equipped with a water conserving device such as an economizer, evaporative condenser, water cooling tower, spray pond or similar apparatus, which device shall not consume District water for makeup purposes in excess of 5% of the consumption that would be required without such device.

SEC. W8e DEMAND CHARGES

This section has been deleted.

(Adopted March 3, 1980)

(Effective March 13, 1980)

W-9 HIGH-PRESSURE SERVICE

PART 9, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W9a</u>	Assessment on Land

SEC. W9a ASSESSMENT ON LAND

Whenever the Water Bureau shall vote to establish a high-pressure service in an area where, due to elevation, it is impractical to furnish water at adequate pressure without pumping, the cost of the necessary facilities to provide such service may be assessed against the land found by said bureau to be specially benefited thereby, in which case it shall be in addition to any main pipe assessment against the property.

W-10 QUORUM OF THE WATER BUREAU

PART 10, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W10a</u>	Quorum

SEC. W10a QUORUM

This section of the Ordinances has been eliminated.

(Adopted November 7, 2001)

(Effective November 17, 2001)

W-11 CONNECTIONS TO AND WORK ON WATER SERVICES

PART 11, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W11</u>	Connections To and Work On Water Services

SEC. W11 CONNECTIONS TO AND WORK ON WATER SERVICES

To insure compliance with the foregoing sections of these ordinances and to facilitate the safe and proper construction, operation and repair of water services and appurtenances, only the regular forces of the District, those forces working for the District, Federal, State and Local municipal forces as may be approved by the District, or persons, firms and corporations possessing a valid license issued by the State of Connecticut under Public Act 789, as may be amended, shall construct, install or in any way alter water services and appurtenances. Persons, firms or corporations licensed as described above and intending to construct or install water services or appurtenances for the purpose of connecting to the District's public water supply, shall hereby be required to apply for a service tap (connection) to such water supply prior to the construction, installation or alteration of any such water service and appurtenance. All water main taps or connections of any kind shall be performed by District forces: no person, firm, corporation or organization of any other description shall at any time make connection directly or indirectly to the District's water supply system. Prior to accepting any application and the appropriate fee, for service taps (connections), the District shall require that any such person, firm or corporation provide evidence of, but not limited to, the following:

- 1) a valid license issued by the State of Connecticut for the work to be accomplished
- 2) a valid State, city or town permit for excavation, or any other local license or permit as may be required for the work to be accomplished
- 3) insurance and bonds in the amounts required by the District and in the name of the District or others as may be required
- 4) compliance with all District ordinances, rules and regulations, and District standards for materials and the work to be accomplished.

(Adopted April 2, 1984)

(Effective April 12, 1984)

W-12 CROSS CONNECTION CONTROL AND BACKFLOW PREVENTION

PART 12, WATER SUPPLY ORDINANCES

<u>Section</u>	<u>Section Title</u>
<u>W12a</u>	Definitions
<u>W12b</u>	Cross Connection Prohibited
<u>W12c</u>	Duty to Register
<u>W12d</u>	Where Backflow Prevention Devices Required
<u>W12e</u>	Inspections
<u>W12f</u>	Access
<u>W12g</u>	Denial of Services
<u>W12h</u>	Testing
<u>W12i</u>	Inspection of New Backflow Prevention Devices
<u>W12j</u>	Location of Devices; Additional Requirements for High Health Hazards
<u>W12k</u>	Backflow Prevention Devices Required
<u>W12l</u>	Non-Complying Backflow Prevention Installations
<u>W12m</u>	Manual of Practice
<u>W12n</u>	Notification of Changes in Conditions
<u>W12o</u>	Compliance Procedure

SEC. W12a DEFINITIONS

Where and as the context will admit the following terms shall have the meaning indicated where used in this ordinance.

"Air Gap" shall mean the unobstructed vertical separation through the free atmosphere between the lowest opening from any pipe or faucet supplying potable water to a tank, pumping fixture or other device, and the flood level rim of the receptacle. Such separation shall be at least one (1) inch.

"Air Vent Type Backflow Preventer" shall mean a device containing two independently operating check valves separated by a chamber which can automatically vent to the atmosphere if backflow occurs.

"Approved Backflow Preventer" or "Approved Backflow Prevention Device" shall mean any device, method, or type of construction intended to prevent backflow into potable water systems which has been accepted by the State of Connecticut Department of Public Health and/or the District.

"Atmospheric Vacuum Breaker" shall mean a mechanical device not used under continued pressure, which automatically vents air from a pipeline to prevent back siphonage.

"Auxiliary Water Source" shall mean (a) a water supply which is not approved for potable use such as a pond, river, open storage tank or swimming pool; (b) potable water which has become non-potable by the addition of chemicals or from contamination while the water is being stored or held in reserve; (c) private or public well supplies; or (d) any other water supply system not accepted by the State of Connecticut and/or the District.

"Back Pressure" shall mean pressure created by mechanical or other means that creates resistance which, if such pressure rises to a particular level, may cause water or other liquids or substances to flow or move in a direction opposite to that which is intended.

"Back Siphonage" shall mean a form of backflow caused by reduced or negative pressure within a water system.

"Backflow" shall mean a reversal of flow from the direction which is normal or intended or flow toward rather than away from the source of water.

"Backflow Prevention Device" shall mean a device that is installed and used to prevent backflow of non-potable water into potable water.

"Barometric Loop" shall mean a loop of pipe rising at least 35 feet, at its topmost point, above the highest fixture it supplies.

"Building Containment" shall mean the placement at premises or facilities of an approved reduced pressure backflow preventer or an air gap separation on the

downstream side of the District's water meter and by-pass assembly and upstream of any cross connection or service fixture.

"Certified Backflow Prevention Device Tester" shall mean an individual who is qualified to test backflow prevention devices and has attained Connecticut State Department of Public Health certification.

"Compliance Plan" shall mean a document rendered by the owner and approved by the District outlining corrective action to be taken by the owner to comply with this ordinance.

"Contamination" shall mean any physical, chemical, biological or radiological substance or matter in water beyond the allowable limits established by the State of Connecticut Public Health Code or other applicable law.

"Cross Connection" shall mean any actual or potential connection between a potable water system and any other source or systems through which it is possible to introduce into the potable water system any contaminating or polluting agent.

"Cross-Connection Control Program" shall mean a program implemented by the District to prevent the contamination of the potable water it supplies in compliance with the Federal Safe Drinking Water Act, Public Law 93-523 and the State of Connecticut Public Health Code, Section 19-13-b37.

"Cross Connection Technician" shall mean an individual employed or retained by the District to inspect premises and/or facilities for cross connections who has been certified by the State of Connecticut as backflow prevention device tester and cross connection survey inspector.

"Customer" shall mean the owner, tenant or other person in charge of any premises supplied with water by the District.

"Department of Public Health" shall mean the State of Connecticut Department of Public Health, its agents and representatives.

"District" shall mean The Metropolitan District.

"District Manager" shall mean the Manager of the District or his/her designee.

"District Permit" shall mean a permit issued by the District for testable backflow devices which have satisfactorily passed a test conducted by a certified backflow prevention tester.

"Double Check Valve Assembly" shall mean a backflow prevention device which contains two independently acting check valves located between two tightly closing shut-off valves and fitted with properly located test cocks.

"Downstream" shall mean the intended direction of flow of fluid within a pipe or a location on or within a pipe in relation to such intended direction of flow.

"Dual Check Valve" shall mean a backflow prevention device which contains two independently acting check valves and shall have plugged test ports for in-line testing.

"Existing Fire Sprinkler System" shall mean a sprinkler system installed prior to October 1, 1992 and not having undergone, after July 1, 1993, substantial renovations, alterations or additions representing more than 50% of the replacement cost of the existing system at the time of renovation, alteration or addition.

"Fire Sprinkler System" shall mean an integrated system of underground and overhead piping designed to provide fire protection for a building or structure.

"Health Hazard" shall mean an actual or potential threat of contamination to the potable water in the District's public water distribution system or within the potable water system of any premises served by the District.

"In-Plant Protection/Isolation" shall mean the location of an approved backflow prevention device in a manner which provides simultaneous protection of the District's public water system and the potable water system within premises served by the District.

"Inspection" shall mean a detailed survey of plumbing on or in premises and/or facilities to locate or ascertain the location of testable backflow prevention devices and existing and potential cross-connections, including any re-inspection.

"Irrigation System" shall mean an integrated system of piping and sprinkler heads designed to provide irrigation to surrounding vegetation.

"New Fire Sprinkler System" shall mean a sprinkler system installed after October 1, 1992 or a sprinkler system which has undergone, after July 1, 1993, substantial renovations, alterations, or additions representing more than 50% of the replacement cost of the existing system at the time of renovation, alteration, or addition.

"Notification of Violation" shall mean a written report which is sent to the owner by the District delineating cross connection violations found on the owner's premises and directions for corrective action.

"Owner" shall mean any person holding fee title to or having leasehold of premises and/or facilities served by the District's public water distribution system or his/her agent or representative.

"Person" shall mean any individual, corporation, company, association, trust, partnership, the State of Connecticut, a municipality, district, or other political subdivision of the State of Connecticut, or any department, agency, or instrumentality of the United States.

"Plumbing" or "Plumbing System" shall mean all piping and appurtenances thereof used to convey water within premises to the last tap or outlet.

"Pollutant" shall mean an aesthetically objectionable and/or degrading agent or substance which causes pollution but which, if ingested, would tend not to be life-threatening.

"Pollution" shall mean a condition in which a pollutant enters or poses the threat of entering the District's public water distribution system or the plumbing systems within premises and/or facilities served with potable water by the District.

"Potable Water" shall mean water from any source which has been approved by the State of Connecticut Department of Health for human consumption.

"Premises" shall mean a piece or parcel of land and such of the structures, buildings and facilities existing thereon which are connected to the public water distribution system.

"Pressure Vacuum Breaker" shall mean an approved backflow prevention device which contains a spring loaded check valve and a spring loaded atmospheric vent which opens when the pressure approaches atmospheric. Such a device shall include two tightly closing shut-off valves located at each end of the device and two properly located test ports for testing the device.

"Public Health Code" shall mean the Public Health Code of the State of Connecticut, as the same may be amended from time to time.

"Public Water Distribution System" shall mean the District's system for the provision to the public of piped water for human consumption.

"Pumper (Siamese) Connection" shall mean an inlet equipped with one or more couplings to which a fire hose can be attached and through which water can be delivered to a sprinkler system by means of a pump. Fire pump test header connections shall be considered the same as pumper (siamese) connections.

"Reduced Pressure Backflow Preventer" shall mean a device containing within its structure a minimum of two independently acting approved check valves, together with an automatically operating pressure differential relief valve located between the two check valves.

"System Hazard" shall mean causing damage or posing the threat of damage to the physical properties of the public water supply or public water distribution system.

"Test and Maintenance Report Form" shall mean a report form, designated by the State of Connecticut, which is to be used by certified backflow prevention device testers to record pertinent testing information.

"Testable Backflow Prevention Device" or "Testable Device" shall mean a backflow prevention device that requires annual testing by a certified backflow prevention device tester.

"Upstream" shall mean the direction of flow of fluid within a pipe which is opposite of that which is intended or a location within or on a pipe in relation to the intended direction of flow.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12b CROSS CONNECTION PROHIBITED

No owner shall maintain upon his/her premises a cross connection between the public water distribution system or the potable water supplied thereby and any auxiliary water source, unless the installation has been registered with and approved by the District in accordance with procedures described in this Chapter.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12c DUTY TO REGISTER

As a condition of receiving public water supply from the District, it shall be a duty of the owner of premises to locate each cross connection within such premises and to register same with the District in accordance with such procedures as the District Manager may prescribe.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12d WHERE BACKFLOW PREVENTION DEVICES REQUIRED

An approved backflow prevention device installed pursuant to Chapter W-12 shall be required in the plumbing of any premises wherever a cross connection exists. An approved backflow prevention device installed pursuant to Chapter W-12 shall be required in the plumbing of any premises where the following exists:

(a) A by-pass around any approved backflow prevention device.

(b) A fire sprinkler system on any commercial, industrial or institutional premises served by the public water distribution system. No changes in the equipment comprising an existing fire sprinkler system, the source of water supply for such a system, or the use of chemicals therein, shall be made without prior written approval of the District. Such a fire sprinkler system shall be required to have backflow prevention as follows:

1. A fire sprinkler system having a pumper (siamese) connection which was installed prior to October 1, 1992, shall require a minimum of a double check valve assembly installed upstream of each siamese connection tee-off. If a double check valve assembly has not been installed for a fire sprinkler system by January 1, 1999, a reduced pressure backflow preventer assembly must be installed thereon.
2. A new fire sprinkler system with a pumper (siamese) connection shall require a reduced pressure backflow preventer upstream of each siamese connection tee-off.
3. A fire sprinkler system with chemicals added and/or an auxiliary water source shall require a reduced pressure backflow preventer upstream of all siamese connection tee-offs.

(c) A fire sprinkler system within residential premises served by the public water distribution system the feed for which is derived from a combination fire/domestic water service shall require the installation of an approved backflow prevention device downstream of the tee-off from the potable/domestic water service. If the piping of such premises cannot be sized to accommodate a dual check valve, the device shall be a double check valve assembly.

(d) An irrigation system with below grade sprinkler heads the feed for which is derived from a water service connected to the public water distribution system and which does not utilize a chemical injection system shall have a pressure vacuum breaker installed downstream of the tee-off from the potable water feed line.

(e) An irrigation system the feed for which is derived from a water service connected to the public water distribution system and which utilizes a chemical injection system shall have a reduced pressure backflow preventer installed downstream of the tee-off from the potable water feed line.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12e INSPECTIONS

The District Manager shall cause inspections to be made of premises. The frequency of inspections shall be established by the District Manager based on the potential for cross connections to exist. All backflow prevention devices and air gap separators on the plumbing of premises which are connected to the public water distribution system shall be subject to inspection and testing as herein described.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12f ACCESS

As a condition of being furnished water by the District, the owner of any premises shall permit access thereto by a District cross connection technician at any reasonable time for the purpose of inspecting or re-inspecting the plumbing piping therein for potential or existing cross connections. Upon request, the owner shall furnish the District pertinent information regarding the plumbing system(s) and appurtenances on the premises and the assistance of a competent person to facilitate access and inspection. The refusal of the owner to provide access or pertinent information, when requested, shall be deemed evidence of the presence of a cross connection on the premises and shall be cause for the District to cease water service to such premises.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12g DENIAL OF SERVICES

(a) The District may deny or discontinue water service to a customer whenever, in the opinion of the Department of Public Health and/or the District, the provision or continuation of service would pose a health hazard, a pollution hazard, or otherwise be a hazard to the District's public water distribution system. Water service shall not be provided or restored to such premises until the required backflow prevention devices or approved air gaps have been installed and any other violations of this Chapter have been corrected by the owner thereof, or until the hazard has been otherwise eliminated.

(b) If inspection of premises reveals that any required backflow prevention device has been removed from the plumbing system therein, has been by-passed, or is in need of repair, or that a cross connection exists on the premises without an approved backflow prevention device installed in accordance with this Chapter, the District may take whatever action may be required to insure that the public water distribution system is adequately protected, including the discontinuance of water service to such premises until all deficiencies have been corrected to the satisfaction of the Department of Public Health and/or the District.

(c) If an owner of any premises fails to repair any defective backflow prevention device within forty-eight (48) hours of written notice to do so, water service may be discontinued until it is determined by a cross connection technician that the device is functioning properly.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12h TESTING

(a) An owner of premises upon which a testable backflow prevention device exists shall, when such device is first installed and annually thereafter, cause such testable backflow

prevention device to be tested by a certified backflow prevention device tester. Said certified backflow prevention device tester shall submit to the District a test and maintenance report for each testable backflow device tested and certify thereon whether such device has passed the test.

(b) If a test and maintenance report certifying that a testable backflow prevention device has passed the test required in subsection (a) is not filed with the District within ten (10) days of its installation or within ten (10) days of the anniversary date of its prior test, the District may assign a certified backflow prevention device tester to perform a test of such device and bill the cost thereof including such overhead and overtime charges as it deems appropriate, to the owner of the premises. Any such costs shall be incorporated in a subsequent billing for water use at such premises and conditions for payment thereof shall be the same as for the use of water.

(c) Devices failing a test or found defective shall be overhauled, repaired or replaced by a plumber licensed by the State of Connecticut and shall be re-tested by a certified backflow prevention device tester prior to restoring water service to the device. A test and maintenance report showing test results for the repaired device shall be submitted to the District.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12i INSPECTION OF NEW BACKFLOW PREVENTION DEVICES

The owner of premises within which a backflow prevention device is installed shall, within forty-eight hours of such installation, request the District to make an inspection thereof.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12j LOCATION OF DEVICES; ADDITIONAL REQUIREMENTS FOR HIGH HEALTH HAZARDS

(a) To be an approved backflow prevention device, a backflow prevention device(s) on the plumbing of any premises and/or the service connection to such premises shall conform to the following requirements:

1. Be located so that protection against backflow through the subject cross connection(s) is achieved.
2. Be located so as to provide in-plant protection / isolation.

(b) The following types of facilities shall be considered to present high health hazards requiring that in-plant protection/isolation shall be supplemented by the installation of

a reduced pressure backflow preventer or an air gap separation at the immediate downstream side of the District's water meter /bypass assembly:

1. Nuclear reactors or other facilities where radioactive materials are used.
2. Sewage treatment plants and sewage pumping stations.
3. Industrial water treatment plants.
4. Piers, docks, marinas, shipyards.
5. Chemical plants.
6. Metal plating industries.
7. Hospitals, clinics and other medical facilities.
8. Mortuaries
9. Laboratories, except when the District has made a specific determination that no health hazard exists on the premises.
10. Any premises served by an auxiliary water source or by a supplemental water supply such as a well and tank system.
11. Other premises within which facilities are found by the District to present a high health hazard and to the owner of which the District has given written notice of such finding.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12k BACKFLOW PREVENTION DEVICES REQUIRED

The District Manager shall have final determination as to which of the following devices will be required for each cross connection predicated upon the degree of hazard and type of backflow involved:

- (a) air gap separation
- (b) reduced pressure backflow preventer
- (c) double check valve assembly
- (d) atmospheric or pressure vacuum breaker
- (e) backflow preventer with intermediate atmospheric vents

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12l NON-COMPLYING BACKFLOW PREVENTION INSTALLATIONS

- (a) No backflow prevention device shall be allowed within a pit or a confined space area.
- (b) Barometric loops shall not be accepted as a means of backflow prevention.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12m MANUAL OF PRACTICE

The District Manager shall be authorized to have prepared and published a manual of practice which shall provide the technical specifications and requirements pertaining to the manner in which backflow prevention devices shall be installed and maintained. Failure of an owner to comply with such manual of practice shall be a violation of this Chapter.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12n NOTIFICATION OF CHANGES IN CONDITIONS

- (a) The owner of premises wherein a backflow prevention device exists shall notify the District, in writing, no later than fifteen (15) business days prior to the relocation and/or removal from service of any such device and such notification shall include the reason for relocation and/or removal and must indicate if the potential or existing cross connection has been eliminated.
- (b) The owner of premises wherein a backflow prevention device exists shall notify the District, in writing, of any change in ownership of the premises not later than thirty (30) business days after such change of ownership. Such notification shall include, at a minimum, the name and address of the new owner of such premises and the date upon which ownership of the property transferred to such new owner.

(Adopted November 5, 1997)

(Effective November 15, 1997)

SEC. W12o COMPLIANCE PROCEDURE

- (a) Within thirty (30) days of receiving from the District notification of a violation of this Chapter, an owner shall either immediately correct such violation or submit to the

District a compliance plan. Such plan shall include, but may not be limited to, the following:

1. Name of the licensed plumbing contractor performing corrective work.
2. Name of the certified backflow prevention device tester contracted to test the approved backflow prevention device(s) to be installed.
3. Make and model number of each approved backflow prevention device to be installed.
4. Scheduled start and completion dates of the corrective work to be performed.

(b) Upon receipt of the schedule the District will review the submitted plan for compliance. Should the District Manager determine that a submitted plan will not achieve compliance with this Chapter within a reasonable period of time; the District Manager will inform the owner in writing. The owner shall then have five (5) business days in which to file a revised plan. If said revised plan is not acceptable to the District Manager, the owner shall be deemed to be in violation.

(c) An owner's failure to correct the violation or failure to file and/or achieve an accepted compliance plan pursuant to subsection (b) hereof, shall constitute a deliberate violation of this Chapter and his/her premises shall be subject to a cessation of water service by the District after written notice thereof of not less than thirty (30) days, provided if the District Manager finds that there is a present or imminent danger of a health hazard posed by said violation, the District Manager shall direct immediate cessation of service.

(d) The District shall notify the Department of Public Health of a violation of this Chapter determined in accordance with subsection (c) hereof.

(Adopted November 5, 1997)

(Effective November 15, 1997)