



The Metropolitan District
water supply · environmental services · geographic information

**COMMITTEE ON MDC GOVERNMENT
SPECIAL MEETING
MONDAY, DECEMBER 7, 2020
4:30 PM**

Location

Dial in #: (415)-655-0001

Access Code: 43808661#

[Meeting Link](#)

Commissioners

Avedisian Holloway

Buell (VC) Ionno

DiBella (Ex-Officio) Lebeau

Gardow Magnan

Healy Marotta

Hoffman (C) Taylor

Quorum: 6

1. CALL TO ORDER
2. PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS
3. APPROVAL OF MEETING MINUTES OF JUNE 23, 2020
4. CONSIDERATION AND POTENTIAL ACTION RE: REVISIONS TO DISTRICT ORDINANCES
5. OPPORTUNITY FOR GENERAL PUBLIC COMMENTS
6. COMMISSIONER COMMENTS & QUESTIONS
7. ADJOURNMENT

**COMMITTEE ON MDC GOVERNMENT
ORDINANCE REVISIONS**

To: Committee on MDC Government for consideration on December 7, 2020

District staff through the Office of District Counsel submits the following ordinance revisions to The Metropolitan District Water Ordinances for consideration by the District Board. Pursuant to the authority set forth in Section 1(g) of Special Act 08-9 (Regular Session 2008).

WATER SUPPLY ORDINANCES:

- § W1a “WATER USED CHARGE (TREATED WATER)”
- § W1b “ CUSTOMER SERVICE CHARGE”
- § W1c “SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT”
- § W1f “SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS”
- § W2d “ALL WATER METERED”
- § W2g “LOCATION OF WATER METER”
- § W2h “CHARGE FOR METER BOXES AND PITS”
- § W5k “SPECIFICATIONS FOR DIRECTIONAL BORING OF WATER SERVICES & MAINS” (NEW)
- § W6f “CHARGES FOR PRIVATE FIRE PROTECTION SERVICE”
- § W7g “VIOLATION OF ORDINANCES, PENALTIES”
- § W7I “VEHICLE OPERATION ON PREMISES OF THE METROPOLITAN DISTRICT”

SEWER ORDINANCES:

- § S2e “WASTES EXCLUDED FROM ALL SEWERS”
- § S3w “SPECIFICATION FOR PIPE BURSTING HOUSE CONNECTIONS AND SEWERS”
- § S12d “VOLUME OF SEWAGE DISCHARGED”
- § S12I “BILLING SEWER USER CHARGE”

GENERAL ORDINANCES:

- § G6a “GENERAL”

It is hereby recommended:

VOTED: That the District Board approves passage of the following resolution:

RESOLVED: That the following Metropolitan District’s Ordinances be revised and adopted as follows:

REVISIONS TO WATER SUPPLY ORDINANCES

SEC. W1a WATER USED CHARGE (TREATED WATER)

For customers which do not resell treated water, the WATER USED CHARGE is the quantity of water used as read at the meter, as follows:

BILLS RENDERED
MONTHLY

RATE
~~\$3.97~~ **\$4.05** per 100 Cubic Feet

The WATER USED CHARGE for such customers subject to § S12x of The Metropolitan District Sewer Ordinances who purchase more than 802ccf of water per day, as averaged over a monthly billing period, as follows:

For each of the first 802ccf of water used per day:

<u>BILLS RENDERED</u>	<u>RATE</u>
<u>MONTHLY</u>	\$3.97 \$4.05 per 100 Cubic Feet

For each ccf of water used per day in excess of 802ccf:

<u>BILLS RENDERED</u>	<u>RATE</u>
<u>MONTHLY</u>	\$3.18 \$3.30 per 100 Cubic Feet

For customers which, by agreement with the District or otherwise, resell treated water, the WATER USED CHARGE is the quantity of water used as read at the meter, as follows:

<u>BILLS RENDERED</u>	<u>RATE</u>
<u>MONTHLY</u>	\$3.97 \$4.05 per 100 Cubic Feet

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 determined from the size of the meter installed on the premises, 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-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

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>	<u>MONTHLY BILLING</u>
5/8"	\$1.07	\$2.23
1"	\$2.14	\$4.47
1 1/2"	\$4.27	\$8.94
2"	\$80.13	\$167.53
3"	\$186.97	\$390.91
4"	\$320.53	\$670.13
6"	\$427.37	\$893.50
8"	\$1,068.43	\$2,233.76

Glastonbury

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>	<u>MONTHLY BILLING</u>
5/8"	\$1.57	\$1.81
3/4"	\$2.35	\$2.71
1"	\$3.13	\$3.62
1 1/2"	\$6.26	\$7.23
2"	\$117.44	\$135.59
3"	\$274.03	\$316.37
4"	\$469.77	\$542.34

South Windsor

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>	<u>MONTHLY BILLING</u>
5/8"	\$0.34	\$0.34
3/4"	\$0.67	\$0.51
1"	\$1.01	\$0.67
1 1/2"	\$1.35	\$1.35
2"	\$25.29	\$25.27
3"	\$59.00	\$58.96
4"	\$101.15	\$101.07
6"	\$134.86	\$134.76

Manchester

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>	<u>MONTHLY BILLING</u>
5/8"	\$2.43	\$2.89
1"	\$7.29	\$5.78
3"	\$425.28	\$506.04
6"	\$972.07	\$1,156.66

SEC. W2d ALL WATER METERED

All Metropolitan District water, ~~except for~~ **including certain** fire protection services **required by the Director of Engineering and Planning**, 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. W2g LOCATION OF METER

The property owner shall furnish and maintain an approved place for the meter, in a horizontal position, **within a District approved meter box or meter pit, after the service shut-off where the meter will be accessible for reading and repairing. Installation of meters in a building shall be reviewed on a case by case basis and approved by the Director of Engineering and Planning. For meters permitted to be installed inside a building, the property owner shall furnish and maintain an approved** 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~~ **Director of** Engineering and Planning and shall maintain such housing in good safe condition.

SEC. W2h CHARGE FOR METER BOXES AND PITS

In determining the charge for installation of meter boxes for 5/8", 3/4" and 1" meters and meter pits for 1-1/2" and larger meters (including bypasses), the Water Bureau shall give consideration to the actual costs of such installations in recent years and the estimated costs for such meter installations in the ensuing year.

SEC. W5K SPECIFICATIONS FOR DIRECTIONAL BORING OF WATER SERVICES AND MAINS

Water services and mains, where approved by the Manager or Chief Engineer, may be directional bored as a means of installation or replacement by the Property Owner. Directional boring installation shall be made from a point on private property to a location within 3 feet of the point of connection to the water main, with the portion of work located within public right of way paid for by the District. The pipe materials, installation methods shall be in accordance with the District Material Standards and the District Standard Project Manual. The Property Owner's contractor shall perform pre- and post-boring inspection, including inspection by the District, to verify proper installation and integrity of the pipe material and provide such inspection report to the District.

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>	<u>MONTHLY CHARGE</u>
1"	\$5.00	\$5.00
2"	\$22.85	\$22.85
3"	\$29.74	\$33.75
4"	\$44.64	\$60.00
6"	\$74.88	\$135.00
8"	\$240.00	\$240.00
10"	\$375.00	\$375.00
12" & Larger	\$540.00	\$540.00
16"		\$960.00
20"		\$1,500.00
24"		\$2,160.00

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 as established by the Water Bureau paid to said bureau~~ **as established by the Water Bureau** for service in turning the water off and on.

SEC. W7I 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. **The operation and use of snowmobiles or all-terrain vehicles is prohibited on all District property including the surface of frozen bodies of water. Anyone operating a vehicle in violation of this ordinance will be arrested, issued a citation(s) and the vehicle towed in accordance with the General Statutes.**

REVISIONS TO SEWER ORDINANCES

SEC. S2e WASTES EXCLUDED FROM ALL SEWERS

No person or property owner shall discharge or permit to be discharged, directly or indirectly, from any premises under his control into any public sewer of any kind or type, any of the following:

- (1) Any substance or object likely to damage, injure, destroy or cause an obstruction in any sewer, or appurtenance thereof, into which it may be discharged;
- (2) Any substance which may attack, damage or alter by either abrasion or chemical action the materials of which the sewer and its appurtenances are composed or built;

- (3) Sticks, stones of material size, coarse rubbish, rags, unground or unshredded garbage or refuse, portions of any animal carcass more than one inch in longest dimension;
- (4) Any debris or substance which by depositing any considerable quantity of sediment, by coagulation, by congealing or by attaching itself to the lining of the sewer or to other substances being transported within the sewer is likely to cause an obstruction in any sewer or appurtenance;
- (5) Any gasoline, kerosene, alcohol, oil, tar, flammable or explosive gas or vapor or any substance which may generate or form any flammable, explosive or combustible substance, fluid, gas, vapor or mixture when combined with air, water or other substances commonly found in sewers; (See Section S2g).
- (6) Steam, water vapor or other substance at a temperature above 150F, or substance which, upon coming into contact with water or sewage, will generate steam or vapor within such sewer; (See Section S2g).
- (7) Any waste or waste water which is strongly acid, and which, when tested in the usual technical manner, has a "pH" less than 5.5 or which is strongly alkaline and has a "pH" more than 10.0; ("pH" means the logarithm of the reciprocal of the weight of the hydrogen ions in grams per liter of solution).
- (8) Objectionable poisons, cyanides, or any substance likely to generate poisonous fumes that may interfere with, constitute a hazard to, or be dangerous to human beings or domestic animals;
- (9) Any waste water or sewage containing animal guts or tissues, entrails, offal, blood, feathers, hair, hides, scraps, unshredded fruits or vegetables, straw or cinders;
- (10) Any water containing disinfectants, formaldehyde, toxic or poisonous substances in quantities sufficient to delay or interfere with sewage treatment and sludge digestion processes including the sedimentation, biological and chemical processes used by the District at its sewage treatment plants;
- (11) Any considerable quantity of waste from an industrial or commercial process or processes containing more parts per million than the **minimum limit** indicated **below, by weight or by volume,** for any of the following:

Cadmium	0.2 ppm
Chromium (total)	2.0 ppm
Chromium (hexavalent)	0.2 ppm
Copper	2.0 ppm
Cyanide	2.0 ppm
Lead	0.5 ppm
Mercury	Prohibited
Nickel	2.0 ppm
Oil and Grease	100 ppm
Silver	0.5 ppm
Tin	4.0 ppm
Total Nitrogen*	16 lbs/day
Zinc	2.0 ppm
Hydrogen sulfide, sulfur dioxide, nitrous oxide or any halogen gas	10 ppm
Suspended solids other than above (i.e., solids that float on the surface of or are in suspension in sewage which are removable by laboratory filtering)	600 ppm

***Total Nitrogen shall be measured by analyzing the wastewater for Total Kjeldahl Nitrogen (TKN) plus Nitrate-nitrite. The total mass loading (flow multiplied by concentration) shall not exceed 16lbs per day.**

(12) Any waste waters or sewage likely to cause damage, injury or loss to other persons or to the property of other persons who are lawfully entitled to use the sewer or sewers through which said wastes are discharged, or to any person or equipment engaged in sewage treatment and disposal for the District. This prohibition shall be understood as applying to the kind or character of wastes discharged into any sewer and as limiting the quantity of wastes or waters which may be discharged from any one parcel or plot of property and the rate or rates at which wastes are discharged to approximately the quantity of sewage or water which the sewer was intended to receive from that particular parcel or plot or from a typical parcel of that size or area.

(13) Unusual biochemical oxygen demand (B.O.D.), chemical oxygen demand (C.O.D.), or chlorine demand in such quantities as to constitute a significant load and/or harmful effect on the MDC sewerage system including the sewage treatment plants.

(14) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits in applicable State or Federal regulations.

SEC. S3w SPECIFICATIONS FOR PIPE BURSTING HOUSE CONNECTIONS AND SEWERS

House connections and drain pipes, where approved by the Manager or Chief Engineer, may pipe burst as a means of repair or rehabilitation by the Property Owner. Pipe burst installation shall be made from a point on private property to a location within 3 feet of the point of connection to the sewer main, with portion located within public right of way paid for by the District. The pipe materials, chemical resistance qualities, installation and curing methods shall be in accordance with the District Material Standards and the District Standard Project Manual. The Property Owner shall perform a final Closed-Circuit Television (CCTV) inspection to verify proper installation and integrity of the pipe material, and shall provide such CCTV inspection to the District.

SEC. S12d VOLUME OF SEWAGE DISCHARGED

The District, in order to determine the volume of sewage discharged by any user for the purpose of determining the applicable sewer user charge, shall use one of the following as the figure representing the volume of sewage discharged into the sewer system (1) the volume of metered water supplied to the premises; (2) the volume of sewage discharged into the sewer system as determined by measurements taken at a control manhole **including a sewer flow meter with a radio frequency transmitter**, installed by the user, at the user's expense;; (3) a figure determined by any combination of the foregoing; or (4) estimated volume of sewage as determined by the District.

SEC. S12I BILLING OF SEWER USER CHARGE

The District sewer user charge **and a sewer customer service charge per connection to District sewers** will be billed to the property owner of record of the property. The frequency of billing shall be not more than once per month nor less than once per year. The District shall re-evaluate any and all data and certification statements submitted to it by the user pursuant to this ordinance, re-evaluate its own data, call for more data, or develop additional data as it deems necessary and subsequently bill the user for any deficiency indicated as due thereafter. The transmittal of any bill to a user shall not stop the District from rebilling for any deficiency determined to exist due to any subsequent re-evaluation.

REVISIONS TO GENERAL ORDINANCES

SEC. G6a GENERAL

With the exception of those contracts for professional services of an architectural or engineering nature awarded pursuant to Sections G6g, G6h, **G8g** and G8e, all contracts for professional services in excess of the amount set forth in the Charter shall be awarded pursuant to the process set forth herein. For purposes of this Chapter G6, "professional services" shall include engineering, architectural and environmental services, management studies and advice, project management, construction management, automation and computer systems analysis and design.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Scott W. Jellison".

Scott W. Jellison
Chief Executive Officer