



The Metropolitan District  
water supply · environmental services · geographic information

**WATER BUREAU  
REGULAR MEETING  
WEDNESDAY, NOVEMBER 8, 2023  
5:00 PM**

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**Location**

Board Room  
District Headquarters  
555 Main Street, Hartford

Dial in #: (415)-655-0001  
Access Code: 2306 702 2354 #

[Meeting Video Link](#)

**Commissioners**

Adil (VC)	Lewis
Anderson	Mandyck
Buell	Pane (C)
Desai	Petoskey
DiBella (Ex-Officio)	Salemi
Gardow	Taylor
Holloway	

**Quorum: 7**

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1. CALL TO ORDER
2. PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS
3. APPROVAL OF MEETING MINUTES OF SEPTEMBER 27, 2023
4. CONSIDERATION AND POTENTIAL ACTION RE: 2024 DISTRICT WATER RATES
5. CONSIDERATION AND POTENTIAL ACTION RE: 2024 WATER ASSESSMENT RATES & MISCELLANEOUS WATER CHARGES
6. DISCUSSION RE: ELECTRIC VEHICLE CHARGERS AT DISTRICT RECREATION AREAS
7. DISCUSSION RE: STEWARDSHIP OF DISTRICT FORESTS AND ADDITION OF ANOTHER FORESTER
8. DISCUSSION RE: CANNABIS GROWING FACILITIES LOCATED WITHIN THE DISTRICT
9. OPPORTUNITY FOR GENERAL PUBLIC COMMENTS
10. COMMISSIONER REQUESTS FOR FUTURE AGENDA ITEMS
11. ADJOURNMENT

# WATER BUREAU

## REVISIONS TO DISTRICT WATER RATES

To: Water Bureau for consideration on November 8, 2023

The 2024 budget in support of Water Operations calls for the water use, customer service charge, fixed surcharge and fire protection rates to remain unchanged; however, the surcharge outside the Metropolitan District for capital improvements will change. These rates will become effective January 1, 2024. A discussion of several rates that comprise the proposed schedule for 2024 and the recommendations pertaining to each follows:

### **Water Used Charge – Treated Water**

Staff recommends that the rate charged for the use of treated water based on actual metered consumption ***remain unchanged at \$3.80 per CCF.***

### **Water Used Charge – Untreated Water**

The District provides untreated water to other agencies and water companies for a fixed rate based on actual consumption. The current rate for this untreated or “raw” water is \$1.50 per hundred cubic feet of consumption. Staff recommends that the rate charged for the use of untreated water based on actual consumption ***remain unchanged at \$1.50 per CCF.***

### **Customer Service Charge**

Revenues from this customer service charge are intended to support a portion of the fixed operating, maintenance and debt costs associated with water operations. Staff recommends that the following Customer Service Charges by meter size ***remain unchanged,*** as follows:

<b><u>SIZE OF METER</u></b>	<b><u>MONTHLY BILLING</u></b>
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

### **Surcharge Outside the Metropolitan District**

A fixed “surcharge” rate is added to all accounts for service outside the boundaries of the District. The surcharge is based on the size of the meter that serves each delivery point. Revenues from this charge are for the reimbursement of assets deployed. The surcharge rates

have been set at the same rates as the Customer Service Charges. Staff recommends that the following fixed Surcharge Outside the Metropolitan District by meter size ***remain unchanged***, as follows:

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
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

**Private Fire Protection Charge**

Rates for private fire protection are charged to all fire service accounts, including combination services, based on the size of the service connection. Staff recommends monthly that the monthly Private Fire Protection charges ***remain unchanged***, as follows:

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

**Conclusion**

Staff believes that the foregoing rate recommendations are justified, reflect the sound financial administration that has earned the District support among credit rating agencies and financial advisors, and are consistent with the policy direction of the Commission.

It is **RECOMMENDED** that it be:

**Voted:** That the Water Bureau, acting under Section 5-4 of the District Charter, approves the following **2024 water rates without change** from the 2023 rates:

**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**

**\$3.80** per 100 Cubic Feet

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

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

**BILLS RENDERED MONTHLY****RATE**

**\$3.80** per 100 Cubic Feet

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

**BILLS RENDERED MONTHLY****RATE**

**\$3.05** 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:

**BILLS RENDERED MONTHLY****RATE**

**\$3.80** per 100 Cubic Feet

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

**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:

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
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

**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 be a rate of \$1.50 per hundred cubic feet.

**SEC. W6f CHARGES FOR PRIVATE FIRE PROTECTION SERVICE**

Rates for private fire protection are charged to all fire service accounts, including combination services, based on the size of the service connection.

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

**Further  
Voted:**

That the Water Bureau, acting under Section 5-4 of the District Charter, establishes revised water rates effective with the meter readings rendered on and

after January 1, 2024, as set forth in the following **“REVISIONS TO WATER SUPPLY ORDINANCES.”**

**Further**

**Voted:**

That following the public hearing held on November 2, 2023, as required by Special Act 01-3 adopted by the General Assembly of the State of Connecticut, and Section 2-14 of the Compiled Charter of The Metropolitan District, the Water Bureau recommends to the District Board, through the Committee on MDC Government, approval of the following **“REVISIONS TO WATER SUPPLY ORDINANCES”** by the enactment of said proposed ordinances. (Additions are indicated in red and deletions by strikethrough).

## **REVISIONS TO WATER SUPPLY ORDINANCES**

### **Surcharge Outside the Metropolitan District for Capital Improvements**

A surcharge is added to the water rate to recover the cost of major capital improvements and/or upgrades such as water main extensions, pump stations, etc. in non-member towns. The surcharge is calculated based on the aggregate hydraulic capacity of each meter size in each non-member town.

### **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).

### MONTHLY BILLING

METER SIZE	Farmington		Glastonbury		South Windsor		Manchester	
	<u>2023</u>	<u>2024</u>	<u>2023</u>	<u>2024</u>	<u>2023</u>	<u>2024</u>	<u>2023</u>	<u>2024</u>
5/8"	\$1.84	\$1.97	\$1.60	\$1.60	\$1.46	\$1.31	\$2.79	\$2.73
3/4"	-	-	\$2.39	\$2.39	\$2.19	\$1.97	-	-
1"	\$3.68	\$3.93	\$3.19	\$3.19	\$2.92	\$2.63	\$5.57	\$5.47
1 1/2"	\$7.36	\$7.87	\$6.39	\$6.38	\$5.85	\$5.25	-	-
2"	\$138.08	\$147.53	\$119.74	\$119.70	\$109.67	\$98.50	-	-
3"	\$322.20	\$344.23	\$279.39	\$279.29	\$255.90	\$229.84	\$487.54	\$478.29
4"	\$552.33	\$590.10	\$478.96	\$478.79	\$438.68	\$394.02	-	-
6"	\$736.45	\$786.80	\$638.61	\$638.39	-	\$525.36	\$1,114.38	\$1,093.24
8"	\$1,841.12	\$1,967.01	-	-	-	-	-	-

Respectfully submitted,



Scott W. Jellison  
Chief Executive Officer

# REVISIONS TO WATER ASSESSMENT RATES AND MISCELLANEOUS WATER CHARGES

To: Water Bureau for consideration on November 8, 2023

In support of the annual water operating budget, staff is submitting these rates in conjunction with the revisions to the proposed Fiscal Year 2024 water rates and other peripheral charges associated with the delivery and sale of water as part of the annual budget adoption process.

Staff has reviewed these rates in light of the costs associated with them on a 'typical' model basis and makes the following recommendations:

It is **RECOMMENDED** that it be:

**Voted:** That the Water Bureau hereby adopts the following schedule of fees effective January 1, 2024:

## Water Assessment Rates and Miscellaneous Water Charges

	<u>CURRENT</u>	<u>PROPOSED</u>
<b><u>Main Pipe Assessment</u></b>	\$95/ft	\$95/ft
<b><u>Service Pipe Taps</u></b>		
<b>Domestic</b> (includes spacer and meter costs):		
1" Service Tap with 5/8" Meter	\$910	\$910
1" Service Tap with 3/4" Meter	<b>\$925</b>	<b>\$945</b>
1-1/2" Service Tap with 1" Meter	\$1,100	\$1,100
2" Service Tap with 1-1/2" Meter	<b>\$2,015</b>	<b>\$2,130</b>
4" Service Tap with 2" Meter	<b>\$2,200</b>	<b>\$2,335</b>
4" Service Tap with 3" Meter	\$3,640	\$3,640
6" Service Tap with 4" Meter	\$4,190	\$4,190
8" Service Tap with 6" Meter	\$5,970	\$5,970
10" Service Tap with 8" Meter	\$15,850	\$15,850
12" Service Tap with 10" Meter	\$18,120	\$18,120
12" Service Tap with 12" Meter	\$18,810	\$18,810
<b>Fire Service</b>		
2" Fire Service Tap	<b>\$1,440</b>	<b>\$1,590</b>
4" and larger Fire Service Tap	<b>\$1,200</b>	<b>\$1,370</b>
<b>Hydrants</b>		
Installed after the main	<b>\$11,600</b>	<b>\$15,000</b>
Hydrant Maintenance	<b>\$150</b>	<b>\$155</b>



	<u><b>CURRENT</b></u>	<u><b>PROPOSED</b></u>
Hydrant Relocation	\$15,000 deposit +/- actual cost + overhead	\$15,000 deposit +/- actual cost + overhead
Fire Flow Testing	<b>\$400</b>	<b>\$480</b>
<b><u>Special Meter Charges and Deposits:</u></b>		
<b>Hydrant Meters</b>		
Administrative and meter reading fee, including connection and inspection fees + actual water use to be billed	\$1,500	\$1,500
Hydrant Meter Deposit	\$2,000	\$2,000
<b>Replacement of Damaged District Meters</b>		
5/8" meter	\$360	\$360
3/4" meter	\$375	\$375
1" meter	\$445	\$445
1-1/2" meter	\$1,140	\$1,140
2" meter	\$1,250	\$1,250
3" meter	\$2,630	\$2,630
4" meter	\$3,180	\$3,180
6" meter	<b>\$4,960</b>	<b>\$5,090</b>
8" meter	\$14,840	\$14,840
10" meter	\$17,110	\$17,110
12" meter	\$17,800	\$17,800
Hydrant meter assembly	\$2,000	\$2,000
Meter box (5/8" - 1")	\$1,750	\$1,750
Meter pit (1 – 1/2" and Larger)	Actual Cost* + Overhead	Actual Cost* + Overhead
Radio transmitter unit	<b>\$200</b>	<b>\$212</b>
<b>Spacer Charges</b>		
5/8", 3/4"	\$160	\$160
1"	<b>\$165</b>	<b>\$181</b>
1-1/2"	\$225	\$225
2" & larger	\$250	\$250
<b>3<sup>rd</sup> Party Damage to District Infrastructure Repair or Replacement (e.g. public hydrants)</b>	Actual Cost* + Overhead	Actual Cost* + Overhead

\* The charge will be the District's cost of material, labor and equipment used, plus overhead at prevailing rates. In circumstances where this procedure for charging a customer would significantly delay the final billing, the District will use an appropriate estimate of its cost.

	<u>CURRENT</u>	<u>PROPOSED</u>
<b>Lien Release Fee per Lien</b> <i>(includes delinquent account review)</i>	\$90	\$90
<b>Customer Check Returned for Insufficient Funds</b>	\$60	\$60
<b>Water Turn-on after Shut-off for Non-Payment or Ordinance Violation</b>	\$170	\$170
<b>Water Turn-on after Shut-off for Non-Payment or Ordinance Violation</b> (subsequent event in same year)	\$225	\$225
<b>Customer Private Property Service Call*</b> <i>e.g. lack of water pressure, leak investigation, customer requested water service off/on, etc. *First customer service call is free of charge. The \$125 fee will be charged for subsequent calls within a rolling 12-month time period.</i>	\$125	\$125
<b>Inspection Service Calls – After Normal Work Hours and Scheduled Overtime/Emergency Inspections</b> <i>After Normal Work Hours are Monday to Friday 4pm to 8am or holidays/weekends.</i>	\$415	\$415
<b>Cross Connection Inspection Fee per building</b> <i>Required by CT Dept. of Public Health. Per DPH regulation, this inspection is required either annually or every five years. The fee will be billed monthly in advance in the amount of either \$2.50 per month (5-year inspection required) or \$12.50 per month (annual inspection required).</i>	\$150	\$150
<b>Backflow Device Testing per device</b> <i>Required by CT Dept. of Public Health but customer may hire private contractor to perform test</i>	\$115	\$115
<b>Failure to Properly Test/Maintain Backflow Device or Allow Access for Cross Connection Inspection Resulting in CT DPH Violation</b>	\$225	\$225

	<u>CURRENT</u>	<u>PROPOSED</u>
<b>Administrative Review for Water Services</b> <i>Includes but not limited to the following individual services; availability and capacity analysis, assessment/connection charge calculations, encroachment permits, abandonment of infrastructure, Engineering/Environmental survey and documentation request, new hydrant installation fee by developer or other (per hydrant). The Administrative Review fee shall be paid for each individual service item.</i>	<b>\$600</b>	<b>\$670</b>
<b>Bulk Water Truck Convenience Fee</b> <i>Per load fixed fee including administrative, water, equipment maintenance, and inspection.</i>	\$75 per load	\$75 per load
<b>Tampering with meter, hydrant or water supply</b>		
First offense	\$500	\$500
Subsequent offenses	\$1,000	\$1,000
<b>Water Service Installation Charge</b> <i>MDC will install the customer's water service from the public water main to the property line.</i>	\$150 per foot	\$150 per foot

Respectfully submitted,



Scott W. Jellison  
Chief Executive Officer

**WATER BUREAU  
SPECIAL MEETING**  
555 Main Street, Hartford  
Wednesday, September 27, 2023

**Present:** Commissioners Andrew Adil, Peter Gardow, Jean Holloway, Dominic Pane, Pasquale Salemi and Alvin Taylor (6)

**Remote**

**Attendance:** Commissioners Diane Lewis and Jacqueline Mandyck (2)

**Absent:** Commissioners Kyle Anderson, Clifford Avery Buell, Dimple Desai, Jon Petoskey, District Chairman William DiBella and Special Representative Michael Carrier (6)

**Also**

**Present:** Commissioner Richard Bush (Remote Attendance)  
Commissioner Joan Gentile (Remote Attendance)  
Commissioner Allen Hoffman  
Commissioner Bhupen Patel  
Scott W. Jellison, Chief Executive Officer  
Christopher Stone, District Counsel  
John S. Mirtle, District Clerk  
Christopher Levesque, Chief Operating Officer  
Kelly Shane, Chief Administrative Officer  
Robert Barron, Chief Financial Officer  
Susan Negrelli, Director of Engineering  
David Ruttly, Director of Operations  
Robert Schwarm, Director of Information Services  
Tom Tyler, Director of Facilities  
Jessica Coelho, Project Manager  
Jason Waterbury, Manager of Engineering Services  
Michael Curley, Manager of Technical Services (Remote Attendance)  
Jeff King, Construction Manger  
Carrie Blardo, Assistant to the Chief Executive Officer  
Julie Price, Executive Assistant  
David Baker, IT Consultant (Remote Attendance)  
Joseph Szerejko, Independent Consumer Advocate (Remote Attendance)

**CALL TO ORDER**

The meeting was called to order by Chairman Pane at 5:39 PM.

**PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS**

No one from the public appeared to be heard.

**APPROVAL OF MEETING MINUTES**

***On a motion made by Commissioner Adil and duly seconded, the meeting minutes of August 30, 2023 were passed by unanimous vote of those present.***

**RAW WATER MASTER PLAN AND RATE STABILIZATION FUND**

To: Water Bureau for consideration on September 27, 2023

In 2017 the District began a master planning project for upgrading the District's raw water system, including its transmission mains and drinking water treatment facilities, and has developed estimated costs totaling up to \$647 million for the necessary system upgrades. Estimated costs for Phase 1 of the master plan (2023-2029) are \$47 million and Phase 2 (2030-2043) are \$264 million. There are further estimated costs for condition-dependent transmission upgrades ranging from \$0 to \$336 million. The master planning project and these estimated costs were presented to the Water Bureau at its June 13, 2023 & August 30, 2023 meetings.

It is **RECOMMENDED** that it be:

VOTED: That the Water Bureau approves passage of the following resolution:

RESOLVED: That the master planning project for necessary upgrades to the District's raw water system, including transmission mains and drinking water treatment facilities, carries estimated costs totaling up to \$647 million.

FURTHER  
RESOLVED: In order to fund these significant estimated future expenses, it is prudent to establish a designated water rate stabilization fund by allocating a portion of revenues generated from the water rate to said fund, said portion to be determine annually through the budget process.

FURTHER  
RESOLVED: The Water Bureau recommends to the Board of Finance and District Board the creation of a water rate stabilization fund dedicated solely for funding, in part, raw water master plan upgrades, and that \$0.11 of the 2024 District water rate be allocated to said fund.

Respectfully submitted,



Scott W. Jellison  
Chief Executive Officer

***On motion made by Commissioner Mandyck and duly seconded, the report was received and resolution passed by unanimous vote of those present.***

***At 6:36 PM, Water Bureau Chairman Pane exited the meeting. Vice Chairman Adil assumed the chair.***

**POTENTIAL PURCHASE OF REAL ESTATE IN NEW HARTFORD**

District Counsel Christopher Stone gave an overview of a potential land purchase in New Hartford. No action was taken at this time.

**OPPORTUNITY FOR GENERAL PUBLIC COMMENTS**

No one from the public appeared to be heard.

**COMMISSIONER REQUESTS FOR FUTURE AGENDA ITEMS**

Commissioner Taylor requested the intrastate connectivity of the water systems in the state of Connecticut and how the MDC gets compensated for interconnectivity as the future need arises for potential MDC water system connectivity be placed on a future agenda.

Commissioner Adil requested that electric vehicle charging stations at Reservoir 1 as well as the deterioration of New England forests and stewardship of MDC forests be placed on a future agenda.

**ADJOURNMENT**

The meeting was adjourned at 6:45 PM

ATTEST:

John S. Mirtle  
District Clerk

\_\_\_\_\_  
Date of Approval