

**THE METROPOLITAN DISTRICT BOARD  
BOARD ROOM, DISTRICT HEADQUARTERS  
555 MAIN STREET, HARTFORD  
MONDAY, DECEMBER 10, 2018 5:30 P.M.**

<b>ITEM NO.</b>	<b>TITLE</b>
<b>1.</b>	<b>MEETING CALLED TO ORDER:</b>
<b>2.</b>	<b>ROLL CALL</b>
<b>3.</b>	<b>PLEDGE OF ALLEGIANCE</b>
<b>4.</b>	<b>PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS</b>
<b>5.</b>	<b>APPROVAL OF MINUTES - Meeting of November 7, 2018</b>
<b>6.</b>	<b>REPORT FROM DISTRICT CHAIRMAN</b>
<b>7.</b>	<b>REPORT FROM CHIEF EXECUTIVE OFFICER</b>
<b>8.</b>	<b>REPORT FROM DISTRICT COUNSEL</b>
<b>9.</b>	<b>BOARD OF FINANCE - CONSIDERATION OF AND POSSIBLE ACTION RE:</b> <ul style="list-style-type: none"> <li><b>A. CAPITAL IMPROVEMENT BUDGET &amp; FUNDING</b> (November 28, 2018 Meeting)</li> <li><b>B. BUDGET EXPENDITURES</b> (November 28, 2018 Meeting)</li> <li><b>C. BUDGET REVENUES</b> (November 28, 2018 Meeting)</li> <li><b>D. HYDROELECTRIC EXPENDITURES AND REVENUES</b> (November 28, 2018 Meeting)</li> <li><b>E. FISCAL YEAR 2018 - TAX ON MEMBER MUNICIPALITIES</b> (November 28, 2018 Meeting)</li> <li><b>F. REVISIONS TO DISTRICT SEWER USER CHARGE RATES AND OTHER RELATED CHARGES</b> (November 28, 2018 Meeting)</li> <li><b>G. REFERENDUM REQUIREMENT</b> (November 28, 2018 Meeting)</li> </ul>
<b>10.</b>	<b>WATER BUREAU - CONSIDERATION OF AND POTENTIAL ACTION RE:</b> <ul style="list-style-type: none"> <li><b>A. REVISIONS TO DISTRICT WATER RATES</b> (November 28, 2018 Public Hearing and Meeting)</li> <li><b>B. REVISIONS TO WATER ASSESSMENT RATES AND OTHER RELATED CHARGES AND SPECIAL WATER RATES AND CHARGES</b> (November 28, 2018 Public Hearing and Meeting)</li> <li><b>C. RAW WATER TRANSMISSION MAIN ENCROACHMENT AGREEMENT- FISHER DRIVE AND DICKFORD DRIVE, AVON</b> (September 12, 2018 and December 10, 2018 Meetings)</li> </ul>
<b>11.</b>	<b>COMMITTEE ON MDC GOVERNMENT - CONSIDERATION OF AND POTENTIAL ACTION RE:</b> <ul style="list-style-type: none"> <li><b>A. REVISIONS TO DISTRICT ORDINANCES</b> (December 10, 2018 Public Hearing and Meeting)</li> </ul>
<b>12.</b>	<b>OPPORTUNITY FOR GENERAL PUBLIC COMMENTS</b>

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|-----|-----------------------------------|
| 13. | COMMISSIONER QUESTIONS & COMMENTS |
| 14. | OTHER BUSINESS                    |
| 15. | ADJOURNMENT                       |

**BOARD OF FINANCE  
FISCAL YEAR 2019-CAPITAL IMPROVEMENT BUDGET**

**To:** District Board

December 10, 2018

**From:** Board of Finance

At a meeting of the Board of Finance held on November 28, 2018, it was:

**Voted:** That the Board of Finance accepts and approves a Capital Improvement Budget for 2019 in the total amount of \$73,100,000 in appropriations to be funded from bonds, note proceeds or other sources as follows:

**Wastewater**

General Purpose Sewer	\$	1,000,000
Paving Program and Restoration		3,000,000
Sewer Rehabilitation Program		3,300,000
Various Sewer Pipe Replacement/Rehabilitation Program		5,000,000
Wastewater Pump Stations and Equipment		400,000
Oakwood Avenue Area Sewer Replacement - Phase I		7,000,000
Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements		4,200,000
<b>Total Wastewater</b>	<b>\$</b>	<b>23,900,000</b>

**Water**

Assessable Water	\$	2,500,000
General Purpose Water Program		1,000,000
Paving Program & Restoration		5,000,000
Water Main Replacement Program		8,000,000
Water Pump Stations and Equipment		300,000
Bloomfield Transmission Main Extension - Phase II		6,000,000
Oakwood Avenue Area Water Main Replacement - Phases I & II		3,000,000
Water Treatment Facilities Infrastructure Rehabilitation, Upgrades & Replacements Including Lab Instrumentation Replacements		1,900,000
Water Supply Infrastructure Rehabilitation, Upgrades & Replacements		2,200,000
<b>Total Water</b>	<b>\$</b>	<b>29,900,000</b>

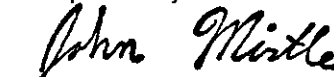
**Combined**

Fleet and Equipment Replacement and Upgrade	\$ 1,700,000
Information Systems Upgrade	3,200,000
Survey & Construction	5,000,000
Engineering Services	2,500,000
Construction Services	3,500,000
Technical Services	3,400,000
<b>Total Combined</b>	<b>\$ 19,300,000</b>

**Wastewater, Water and Combined Total** **\$ 73,100,000**

**Further Voted:** That the Board of Finance recommends to the District Board passage of the following resolutions:

Respectfully submitted,



John S. Mirtle, Esq.  
District Clerk

**AUTHORIZATION TO ISSUE GENERAL OBLIGATION BONDS NOT TO EXCEED \$73,100,000**

WHEREAS, the District Board has resolved today to appropriate and issue Bonds for those capital improvements projects numbered 1- 22, inclusive; and

WHEREAS, the District Board wishes to determine the form, date or dates, maturities, manner of sale and other details concerning such bonds;

Now THEREFORE BE IT RESOLVED:

**Section 1.** To meet the appropriations for the projects set forth in the 2019 CIP Resolutions Nos. 1- 22 inclusive (the "Resolutions"), bonds of the District are authorized in the respective amounts set forth in such Resolutions to be issued in one or more series in accordance with applicable General Statutes of Connecticut, Revision of 1958, as amended to date and as amended from time to time in the future, public acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future, and special acts of the Connecticut General Assembly, as amended to date and as amended from time to time in the future (together, "Connecticut laws"), and the District's Charter. Said bonds shall be issued in fully registered form, be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or the Deputy Treasurer, and bear the

District seal or a facsimile thereof. The bonds may be secured by the full faith and credit of the District and/or by special revenues of the District pledged thereto by the District Board, in accordance with Connecticut laws and the District's Charter. Each of the bonds shall recite that every requirement of law relating to its issue has been duly complied with and that such bond is within every debt and other limit prescribed by law. The aggregate principal amount of the bonds to be issued, the form of issuance as serial, term or discount bonds, the dated date, final maturity, annual installments of principal, whether interest on the bonds will be fixed or variable, the rate or rates of interest, or method of determining interest rates thereon, whether such interest shall be excluded or included in gross income for federal income tax purposes, denominations, terms of redemption, if any, the date, time of issue and sale and all other terms, details and particulars of such bonds shall be determined by the District Board, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. It is hereby found and determined that the issuance of any such bonds the interest on which is included in gross income for federal income tax purposes is in the public interest. The bonds may be sold by competitive bid or negotiated sale, as determined by the District Board. If sold by competitive bid, a notice of sale, or summary thereof, shall be published at least five (5) days in advance of the sale in a recognized publication carrying municipal bond notices and devoted primarily to financial news and the subject of state and municipal bonds. If sold by negotiated sale, the form and details of the bond purchase agreement for the sale of the bonds shall be determined by the District Board.

**Section 2.** The Treasurer and the Deputy Treasurer are authorized to make temporary borrowings in anticipation of the receipt of the proceeds of said bonds. Notes or certificates of indebtedness evidencing such borrowings may be sold by competitive bid or negotiated sale, as determined by the Treasurer or Deputy Treasurer, in such manner as shall be determined by said Officers. Said notes or certificates of indebtedness shall be issued in fully registered form, be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer, and bear the District seal or a facsimile thereof. The notes or certificates of indebtedness may be secured by the full faith and credit of the District and/ or by special revenues of the District pledged therefore by the District Board in accordance with Connecticut laws and the District's Charter. Each of the notes shall recite that every requirement of law relating to its issue has been duly complied with and that such note is within every debt and other limit prescribed by law. The net interest cost on such notes or certificates of indebtedness, including renewals thereof, and the expense of preparing, issuing and marketing them, to the extent paid from the proceeds of such renewals or said bonds, shall be included as a cost of the project. Upon the sale of the bonds, the proceeds thereof, to the extent required, shall be applied forthwith to the payment of the principal of and the interest on such notes or certificates of indebtedness then outstanding or shall be deposited with a bank or trust company in trust for such purpose.

**Section 3.** In connection with the issuance of the bonds, notes or certificates of indebtedness authorized hereunder and under the Resolutions ("Authorized Obligations"), the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on the District necessary to obtain,

standby bond purchase agreements, letters of credit, lines of credit, financial guaranty insurance policies, guarantees of the District or third parties, surety agreements, or any similar agreements ("Credit Facilities") with one or more financial institutions providing Credit Facilities ("Credit Facility Providers") to provide for additional security for and the purchase upon tender of the Authorized Obligations, if any, under circumstances set forth in the Indentures (defined herein). Credit Facilities shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer.

**Section 4.** In connection with the issuance of Authorized Obligations the District Board is hereby authorized to approve the terms and conditions of indentures of trust or other instruments of trust ("Indentures") with commercial banks or national banking associations with trust powers or trust companies to be appointed by the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer ("Trustees"), which provide for, among other things, the rate of rates of interest, or method of determining interest rates thereon, procedures for conducting auctions in an auction rate mode, the denominations, the tender rights of holders, if any, the rights of redemption and redemption prices, the payment of certain fees, the imposition of certain covenants, limitations and restrictions on the District necessary to issue the variable rate bonds, and the execution of various other instruments. Indentures shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer.

**Section 5.** In connection with the issuance of Authorized Obligations bearing interest at variable interest rates, the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on the District necessary to enter into, remarketing agreements, broker-dealer agreements, auction agency agreements and other agreements (the "Reoffering Agreements") with remarketing agents, investment banking firms or other financial institutions to be appointed by the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer ("Reoffering Agents"), which provide for, among other things, the terms and conditions for reoffering Authorized Obligations bearing interest at variable interest rates, the Reoffering Agents' compensation and the disclosure of the District's financial condition. Reoffering Agreements shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer.

**Section 6.** In connection with the issuance of Authorized Obligations, if permitted by Connecticut laws and the District's Charter, the District Board is hereby authorized to approve the terms and conditions of, including necessary covenants, limitations and restrictions on the District necessary to obtain, an interest rate swap agreement in the form of the International Swaps and Derivatives Association, Inc. (ISDA) Master Agreement, together with applicable annexes, schedules and confirmations thereto, contracts to manage interest rate risk, including interest rate caps, options, puts, call or similar arrangements, or such other agreements permitted by Connecticut laws and the District's Charter ("Swap Agreements"), with one or more counterparties to be selected by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer, as Swap Provider (the

"Swap Providers"), which provides for, among other things, the effective date or dates of the Swap Agreements, the rate of interest to be paid by the District to the Swap Providers on the principal amount of the bonds (which may be a fixed rate or a variable rate based on an index determined by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer), the rate of interest to be received by the District from the Swap Providers (which may be a fixed rate or a variable rate based on an index determined by the Chairman or Vice Chairman and Treasurer or Deputy Treasurer), the payment of certain fees, the imposition of certain covenants, limitations and restrictions on the District and the execution of various other instruments. Swap Agreements shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman or Vice Chairman and the Treasurer or Deputy Treasurer. To the extent provided by Connecticut laws, the full faith and credit of the District may be pledged to any and all payments to be made by the District with respect to the Swap Agreements, including, any termination or netting payments to be made by the District.

**Section 7.** The Chairman or Vice Chairman and Treasurer or Deputy Treasurer are hereby authorized, on behalf of the District, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in the Securities and Exchange Commission Securities Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds, notes and certificates of indebtedness authorized by this resolution. Any agreements or representations to provide information to the MSRB made prior hereto are hereby confirmed, ratified and approved.

**Section 8.** The Chairman, or in his absence the Vice-Chairman, and the Treasurer, or in his absence the Deputy Treasurer, are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for eligible projects set forth in the Resolutions and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of projects determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-478 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Clean Water Fund Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations and project loan obligations ("Clean Water Fund Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Clean Water Fund Obligations, Project Loan and Grant Agreements and any other instruments, agreements or certificates under the Clean Water Fund Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman, or in his absence the Vice-Chairman, and the Treasurer, or in his absence the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Clean Water Fund Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Clean Water Fund Obligations, subject to the provisions of the Clean Water Fund Program, shall be determined by the District Board, following recommendation of the

Board of Finance. Clean Water Fund Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged therefore by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Clean Water Fund Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

**Section 9.** The Chairman, or in his absence the Vice-Chairman, and the Treasurer, or in his absence the Deputy Treasurer, are authorized in the name and on behalf of the District to apply for and accept any and all federal and state loans and/or grants-in-aid for eligible projects set forth in the Resolutions and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of projects determined by the State of Connecticut Department of Public Health to be eligible for funding under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended (the "Drinking Water Program"), the District may issue bonds, notes or certificates of indebtedness authorized hereby in the form of interim funding obligations in anticipation of project loan obligations and project loan obligations ("Drinking Water Obligations") as the District Board shall determine, in accordance with Connecticut laws and the District's Charter, following recommendation of the Board of Finance. Drinking Water Obligations, Project Loan Agreements and any other instruments, agreements or certificates under the Drinking Water Program shall be executed in the name and on behalf of the District by the manual or facsimile signatures of the Chairman, or in his absence the Vice-Chairman, and the Treasurer, or in his absence the Deputy Treasurer, and bear the District seal or a facsimile thereof. The aggregate principal amount of the Drinking Water Obligations to be issued, the dated date, final maturity, rate or rates of interest, the date, time of issue and sale and all other terms, details and particulars of such Drinking Water Obligations, subject to the provisions of the Drinking Water Program, shall be determined by the District Board, following recommendation of the Board of Finance. Drinking Water Obligations may be secured by the full faith and credit of the District and/or by special revenues of the District pledged therefore by the District Board in accordance with Connecticut laws and the District's Charter. Each of the Drinking Water Obligations shall recite that every requirement of law relating to its issue has been duly complied with and that such obligation is within every debt and other limit prescribed by law.

**Section 10.** The District hereby expresses its official intent pursuant to Treasury Regulations Section 1.150-2 to reimburse expenditures paid sixty days prior to and any time after the date of passage of this Resolution in connection with the Resolutions with the proceeds of Authorized Obligations, Drinking Water Obligations or Clean Water Fund Obligations. Said obligations shall be issued to reimburse such expenditures not later than 18 months after the date of the expenditure or such later date the Regulations may authorize. The District hereby certifies that the intention to reimburse as expressed herein is based upon its reasonable expectations as of this date. The Chairman or Vice Chairman and the Treasurer or Deputy Treasurer is each individually authorized to pay project expenses in accordance herewith pending the issuance of the Authorized Obligations. This Section is included herein solely for purposes of compliance with Treasury Regulations Section 1.150-2 and may not be used or relied on for any other purpose.



**Section 11.** In connection with the issuance of Authorized Obligations and Drinking Water Obligations or Clean Water Fund Obligations, the District Board is hereby authorized to, and if any such action shall heretofore have been taken, such action is hereby ratified and confirmed, (a) publish such notices, hold such hearings, make such representations and agreements, and take such other actions as shall be necessary to enable bond counsel to render its opinions as to the validity of the said obligations and the exclusion of the interest thereon, if applicable, from gross income for federal income tax purposes, (b) make, execute and deliver all such additional and supplemental documents, including, but not limited to any tax compliance agreements, tax certificates, tax forms, investment agreements or assignments, and (c) do and perform such acts and take such actions as may be necessary or required for the consummation of the transactions provided for and contemplated by this Resolution.

2019 CIP PROJECT RESOLUTION NO. 1

RESOLUTION APPROPRIATING \$1,000,000 FOR THE GENERAL PURPOSE SEWER PROGRAM AND AUTHORIZING THE ISSUANCE OF \$1,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$1,000,000 is hereby appropriated for the General Purpose Sewer Program including planning, design and construction of the replacement and/or rehabilitation of existing sewer mains, pump stations, and any related collection system appurtenances at various locations District wide as a result of infrastructure exceeding its useful life, and for legal, administrative and other financing costs related thereto. Such Projects may also include electrical, mechanical, or renewable energy upgrades at District facilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 2

RESOLUTION APPROPRIATING \$3,000,000 FOR THE PAVING PROGRAM AND RESTORATION AUTHORIZING THE ISSUANCE OF \$3,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,000,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas as well as

unpaved areas disturbed by MDC sewer projects, including material disposal and usage of materials from stock, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 3

RESOLUTION APPROPRIATING \$3,300,000 FOR THE SANITARY SEWER REHABILITATION PROGRAM AND AUTHORIZING THE ISSUANCE OF \$3,300,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,300,000 is hereby appropriated for the conduct of sewer system investigations (using closed circuit TV inspection, sonar or laser methods) to support the design and construction of rehabilitation and replacement of deteriorating segments of the District's sewer infrastructure, including staffing, equipment, legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 4

RESOLUTION APPROPRIATING \$5,000,000 FOR VARIOUS SEWER PIPE REPLACEMENT/REHABILITATIONS – DISTRICT WIDE AND AUTHORIZING THE ISSUANCE OF \$5,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$5,000,000 is hereby appropriated for the design and construction of sewer system upgrades, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide including survey, sewer easement clearing, closed circuit TV inspection, the replacement, rehabilitation and or upgrade of District infrastructure, and legal, administrative and other financing

costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 5

RESOLUTION APPROPRIATING \$400,000 FOR WASTEWATER PUMP STATION UPGRADES AND EQUIPMENT AND AUTHORIZING THE ISSUANCE OF \$400,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$400,000 is hereby appropriated for upgrades, replacements and improvements to the District's wastewater pump stations, including motors and pumps, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 6

RESOLUTION APPROPRIATING \$7,000,000 FOR THE OAKWOOD AVENUE AREA SEWER REPLACEMENT AND AUTHORIZING THE ISSUANCE OF \$7,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$7,000,000 is hereby appropriated for the rehabilitation of sewer mains and lateral replacements in the Oakwood Avenue area of West Hartford from Park Road to Dexter Avenue to restore reliable service and prevent disruptions that occur due to the aging sewer system, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 7

RESOLUTION APPROPRIATING \$4,200,000 FOR WATER POLLUTION CONTROL FACILITIES INFRASTRUCTURE REHABILITATION, UPGRADES AND REPLACEMENT AND AUTHORIZING THE ISSUANCE OF \$4,200,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$4,200,000 is hereby appropriated for the design and construction of a variety of renewal and replacements at the four water pollution control facilities to modernize existing systems, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 8

RESOLUTION APPROPRIATING \$2,500,000 FOR THE ASSESSABLE WATER PROGRAM AND AUTHORIZING THE ISSUANCE OF \$2,500,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$2,500,000 is hereby appropriated for the extension of various water mains resulting from property owner petitions for public sewer service within the District's service area, including the Coleman Road, Feldspar Ridge, Kinne Road and Raymond Road/Kimberly Lane projects in Glastonbury. This appropriation includes costs for design, construction, project administration, legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 9

RESOLUTION APPROPRIATING \$1,000,000 FOR THE GENERAL PURPOSE WATER PROGRAM AND AUTHORIZING THE ISSUANCE OF \$1,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$1,000,000 is hereby appropriated for the replacement or rehabilitation of aging water mains and related system-wide equipment/infrastructure improvements, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 10

RESOLUTION APPROPRIATING \$5,000,000 FOR THE PAVING PROGRAM AND RESTORATION AND AUTHORIZING THE ISSUANCE OF \$5,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$5,000,000 is hereby appropriated for final pavement restoration of roads and other areas disturbed by the MDC water projects, including disposal of unsuitable materials and usage of materials from stock, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 11

RESOLUTION APPROPRIATING \$8,000,000 FOR THE WATER MAIN REPLACEMENT PROGRAM AND AUTHORIZING THE ISSUANCE OF \$8,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$8,000,000 is hereby appropriated for the design, construction, inspection and associated work to replace water mains and water services throughout the District that have exceeded their useful lives and/or have experienced numerous breaks, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 12

#### RESOLUTION APPROPRIATING \$300,000 FOR WATER PUMP STATION UPGRADES AND EQUIPMENT AND AUTHORIZING THE ISSUANCE OF \$300,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$300,000 is hereby appropriated for upgrades, replacements and improvements to the District's water pump stations, including motors, pumps and associated equipment, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 13

#### RESOLUTION APPROPRIATING \$6,000,000 FOR THE BLOOMFIELD TRANSMISSION MAIN EXTENSION – PHASE II AND AUTHORIZING THE ISSUANCE OF \$6,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$6,000,000 is hereby appropriated for the design, construction, inspection and associated work to extend a transmission main from Brown Street to Woodland Avenue in Bloomfield, and legal, administrative and other financing

costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 14

RESOLUTION APPROPRIATING \$3,000,000 FOR THE OAKWOOD AVENUE, WEST HARTFORD AREA WATER MAIN REPLACEMENT AND AUTHORIZING THE ISSUANCE OF \$3,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,000,000 is hereby appropriated for the replacement of water mains and service replacements in the Oakwood Avenue area of West Hartford from Park Road to Dexter Avenue to restore reliable service and prevent disruptions that occur due to the aging water system, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 15

RESOLUTION APPROPRIATING \$1,900,000 FOR WATER TREATMENT FACILITIES INFRASTRUCTURE REHABILITATION, UPGRADES & REPLACEMENTS, INCLUDING LABORATORY INSTRUMENTATION REPLACEMENTS AND AUTHORIZING THE ISSUANCE OF \$1,900,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$1,900,000 is hereby appropriated to design and construct a variety of renewal and replacements, including electrical improvements at the District's three water treatment facilities to modernize existing systems. Multiple water treatment facility assets will be rehabilitated to improve treatment processes, operational reliability, security and safety. Also included is the replacement of various laboratory equipment that have reached the end of their useful life, and for legal,

administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 16

RESOLUTION APPROPRIATING \$2,200,000 FOR WATER SUPPLY INFRASTRUCTURE REHABILITATION, UPGRADES AND REPLACEMENT AND AUTHORIZING THE ISSUANCE OF \$2,200,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

#### RESOLVED:

**Section 1.** The sum of \$2,200,000 is hereby appropriated for the design and construction of a variety of renewal and replacements at the District's water supply facilities and functions to improve raw water quality, operational reliability, security and safety, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

#### 2019 CIP PROJECT RESOLUTION NO. 17

RESOLUTION APPROPRIATING \$1,700,000 FOR FLEET AND EQUIPMENT REPLACEMENT AND AUTHORIZING THE ISSUANCE OF \$1,700,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

#### RESOLVED:

**Section 1.** The sum of \$1,700,000 is hereby appropriated for the replacement of transportation and power operated equipment, the purchase of generators, engines and emergency response equipment, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.



2019 CIP PROJECT RESOLUTION NO. 18

RESOLUTION APPROPRIATING \$3,200,000 FOR INFORMATION SYSTEMS UPGRADES AND AUTHORIZING THE ISSUANCE OF \$3,200,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,200,000 is hereby appropriated for the purchase, upgrade and/or replacement of computer related infrastructure and/or software and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 19

RESOLUTION APPROPRIATING \$5,000,000 FOR SURVEY & CONSTRUCTION AND AUTHORIZING THE ISSUANCE OF \$5,000,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$5,000,000 is hereby appropriated for the survey and construction inspection of all water and sewer projects within the District's service area, including projects installed under District contract and developer permit agreements and legal, administrative other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 20

RESOLUTION APPROPRIATING \$2,500,000 FOR ENGINEERING SERVICES AND AUTHORIZING THE ISSUANCE OF \$2,500,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$2,500,000 is hereby appropriated for developing and designing the District's capital improvement projects, including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 21

RESOLUTION APPROPRIATING \$3,500,000 FOR CONSTRUCTION SERVICES AND AUTHORIZING THE ISSUANCE OF \$3,500,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,500,000 is hereby appropriated for the costs of the management of District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

2019 CIP PROJECT RESOLUTION NO. 22

RESOLUTION APPROPRIATING \$3,400,000 FOR TECHNICAL SERVICES AND AUTHORIZING THE ISSUANCE OF \$3,400,000 BONDS OF THE DISTRICT TO MEET SAID APPROPRIATION

RESOLVED:

**Section 1.** The sum of \$3,400,000 is hereby appropriated for technical support to all of the District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

**Section 2.** The District Board finds this project a single item of capital expense not regularly recurring.

**BOARD OF FINANCE  
FISCAL YEAR 2019 - BUDGET EXPENDITURES**

**To:** District Board

December 10, 2018

**From:** Board of Finance

At a Board of Finance meeting held on November 28, 2018, it was:

**Voted:** That the estimated 2019 budget expenditures in the total amount of **\$189,468,200** be referred to the District Board for acceptance and approval as follows:

<b>Budget Appropriations</b>	<b>Water</b>	<b>Sewer</b>	<b>Total</b>
District Board	201,700	193,800	395,500
Executive Office	484,700	465,600	950,300
Legal	881,200	846,700	1,727,900
Human Resources	777,300	746,800	1,524,100
Information Technology	4,641,800	2,286,300	6,928,100
Finance	3,512,100	3,374,200	6,886,300
Environment, Health and Safety	492,000	472,800	964,800
Engineering and Planning	982,500	944,100	1,926,600
Customer Service	2,716,800	1,399,500	4,116,300
Operating Office	386,100	370,900	757,000
Operations	8,041,100	2,680,500	10,721,600
Laboratory Services	923,300	852,300	1,775,600
Water Pollution Control	-	17,462,200	17,462,200
Maintenance	5,582,600	5,363,600	10,946,200
Water Treatment & Supply	8,944,700	-	8,944,700
Patrol	1,719,500	-	1,719,500
Debt Service	31,753,300	34,069,500	65,822,800
Employee Benefits	15,679,300	12,828,600	28,507,900
General Insurance	3,323,000	1,424,100	4,747,100
Taxes and Fees	3,610,500	-	3,610,500
Special Agreements and Programs	3,553,900	1,479,300	5,033,200
Contingencies	-	4,000,000	4,000,000
<b>Total Water and Sewer Budget</b>	<b>98,207,400</b>	<b>91,260,800</b>	<b>189,468,200</b>

Respectfully submitted,

  
John S. Mirtle, Esq.  
District Clerk

**BOARD OF FINANCE  
FISCAL YEAR 2019 - BUDGET REVENUES**

To: District Board December 10, 2018

From: Board of Finance

At a meeting of the Board of Finance held on November 28, 2018, it was:

**Voted:** That the 2019 Budget Revenues in the total amount of **\$189,468,200** be referred to the District Board for acceptance and approval as follows:

<b>Revenue</b>	<b>Total</b>
<b>Water Revenues</b>	
Operating Revenues	
Sale of Water	\$89,124,600
Other Operating Revenues	6,820,200
Subtotal Operating Revenues	95,944,800
Non-Operating Revenues	2,262,600
<b>Total Source of Revenues – Water Operations</b>	<b>\$98,207,400</b>
<b>Sewer Revenues</b>	
Operating Revenues	
Tax on Member Municipalities	\$48,153,100
Revenue from Other Government Agencies	4,958,400
Other Sewer Revenues	17,108,400
Sewer User Charge Revenues	17,540,900
Subtotal Operating Revenues	\$87,760,800
Other Financing Sources	
Designated from Surplus	3,500,000
Subtotal Other Financing Sources	\$3,500,000
<b>Total Source of Revenues – Sewer Operations</b>	<b>\$91,260,800</b>
<b>Total Source of Revenues – Water and Sewer Operations</b>	<b>\$189,468,200</b>

Respectfully submitted,

  
John S. Mirtle, Esq.  
District Clerk

**BOARD OF FINANCE**  
**FISCAL YEAR 2019 - HYDROELECTRIC EXPENDITURES AND REVENUES**

**To:** District Board December 10, 2018

**From:** Board of Finance

At a Board of Finance meeting held on November 28, 2018, it was:

**Voted:** That the Board of Finance recommends to the District Board for acceptance and approval an appropriation of \$895,400 for the operation of the Hydroelectric Program.

**Further Voted:** That the Board of Finance recommends to the District Board for acceptance and approval estimated Hydroelectric revenues of \$895,400 in support of operations as follows:

Power Sales	\$ 895,400
Interest Income	0
Designated from Surplus	0
Total Hydroelectric	<u>\$ 895,400</u>

Respectfully submitted,

  
John S. Mirtle, Esq.  
District Clerk

**BOARD OF FINANCE  
FISCAL YEAR 2019 - TAX ON MEMBER MUNICIPALITIES**

To: District Board

December 10, 2018

From: Board of Finance

A Fiscal Year 2019 Tax Levy on The Metropolitan District's member municipalities in the amount of \$48,153,100 is recommended in support of the proposed 2019 budget. In accordance with the District Board's policy, taxes may be paid in quarterly installments. To coincide with the fiscal year cycle (July 1 – June 30) adhered to by the member municipalities, the quarterly tax payments are unbalanced. The amount of the tax due in the first half of 2019 will be equivalent to 50% of the total 2018 tax levy. This amount (when paid) will be subtracted from the total 2019 tax levy; the balance is the amount due in the second half of the year.

Apportionment of the Fiscal Year 2019 tax among the member municipalities and the amount due on each installment will be as follows:

<b>Tax History by Town</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Hartford	\$10,298,600	\$10,174,900	\$10,963,200	\$11,550,400	\$12,372,000
East Hartford	\$4,490,100	\$4,762,000	\$5,059,400	\$5,486,600	\$5,775,200
Newington	\$3,287,300	\$3,508,400	\$3,752,900	\$4,120,900	\$4,318,900
Wethersfield	\$3,022,000	\$3,207,700	\$3,408,200	\$3,707,800	\$3,979,400
Windsor	\$3,222,600	\$3,404,700	\$3,656,900	\$4,001,500	\$4,274,900
Bloomfield	\$2,752,400	\$2,936,000	\$3,067,100	\$3,256,200	\$3,488,600
Rocky Hill	\$2,153,700	\$2,239,700	\$2,475,800	\$2,712,500	\$2,909,600
West Hartford	\$8,219,700	\$8,710,900	\$9,286,900	\$10,168,100	\$11,034,500
<b>Total</b>	<b>\$37,446,400</b>	<b>\$38,944,300</b>	<b>\$41,670,400</b>	<b>\$45,004,000</b>	<b>\$48,153,100</b>

At a meeting of the Board of Finance held on November 28, 2018, it was:

**Voted:** That the District Board approve the following resolution:

**Resolved:** That, in accordance with Section 3-12 and 3-13 of the District Charter, a tax on the member municipalities comprising The Metropolitan District, in the sum of \$48,153,100, shall be due and payable in favor of The Metropolitan District in four installments on the following due dates: the first installment, totaling \$11,251,000, shall be due and payable on January 16, 2019; the second installment, totaling \$11,251,000, shall be due and payable on April 17, 2019; the third installment, totaling \$12,825,550, shall be due and payable on July 17, 2019; and the fourth installment, totaling \$12,825,550, shall be due and payable October 16, 2019. In the event the Department of Energy and Environmental Protection pays the \$4 million included in the District's 2019 budget

related to the groundwater discharge at the Hartford Landfill, said money shall be applied to reduce the member municipalities' 2019 ad valorem taxes. Apportionment of the Fiscal Year 2019 tax among the member municipalities and the amount due on each installment shall be as follows:

Installment Date	1/16/2019	4/17/2019	7/17/2019	10/16/2019	Total
Hartford	\$2,887,600	\$2,887,600	\$3,298,400	\$3,298,400	\$12,372,000
East Hartford	1,371,650	1,371,650	1,515,950	1,515,950	5,775,200
Newington	1,030,225	1,030,225	1,129,225	1,129,225	4,318,900
Wethersfield	926,950	926,950	1,062,750	1,062,750	3,979,400
Windsor	1,000,375	1,000,375	1,137,075	1,137,075	4,274,900
Bloomfield	814,050	814,050	930,250	930,250	3,488,600
Rocky Hill	678,125	678,125	776,675	776,675	2,909,600
West Hartford	2,542,025	2,542,025	2,975,225	2,975,225	11,034,500
Total	\$11,251,000	\$11,251,000	\$12,825,550	\$12,825,550	\$48,153,100

Respectfully submitted,

  
 John S. Mirtle, Esq.  
 District Clerk



**BOARD OF FINANCE  
FISCAL YEAR 2019 - REVISIONS TO DISTRICT SEWER USER CHARGE RATES  
AND OTHER RELATED CHARGES**

To: District Board

December 10, 2018

From: Board of Finance

In accordance with Section S12j of the District's Ordinances, sewer use unit charge rates shall be determined annually in conjunction with adoption of the District Budget. The 2019 budget in support of sewer operations calls for a sewer user charge rate of \$4.64, which is 37.6% higher than the prior year.

Additionally, in support of the 2019 budget and in accordance with Section S12l of the District's Ordinances, the monthly sewer customer service charge will increase to \$6.00, effective January 1, 2019.

Following the cost trends for the sewer user charge rate, it is recommended the BOD and COD rate be increased to \$0.55 and \$0.55 per pound respectively. In addition, the suspended solids strength charge will increase to \$0.45 per pound. These unit charges, which apply to high flow users, low flow/high strength users and non-municipal tax-exempt users, are for the following:

1. Liquid flow charge rate based on sewer flow in hundreds of cubic feet (CCF).
2. a. BOD (biochemical oxygen demand) strength charge rate based on pounds of BOD for the concentration of BOD exceeding 300 milligrams per liter (mg/l).
- b. COD (chemical oxygen demand) strength charge rate based on pounds of COD for that concentration of COD exceeding 700 mg/l.
3. Suspended solids strength charge rate based on pounds of suspended solids for that concentration exceeding 300 mg/l.

In accordance with Section S12p of the District's Ordinances, sewer user charge Late Filing/Sewage Evaluation Fees will be unchanged for the 2019 budget.

Additionally, Section S12x of the District's Ordinances provides for the Clean Water Project Charge, primarily for payment of principal and interest on certain bonds and loans which proceeds are used to finance the costs associated with the Clean Water Project. The clean water project charge is set annually in conjunction with adoption of the District Budget. Effective January 1, 2019, said charge shall be \$4.10 per hundred cubic feet (ccf) to be uniformly applied and to be proportional to the quantity of water used by District customers who utilize the District sewer system and

are furnished water directly by the Metropolitan District. The clean water project charge shall appear separately on the water bills of the District.

**Liquid Waste Discharge Fee (other than Acceptable Septage):** A fee is required as part of the approval from MDC for its acceptance, by whatever means, of the discharge of liquid waste other than Acceptable Septage, as provided by §S13b of the District's Sewer Ordinances. For example, but without limiting the forms of liquid waste subject to this fee, this fee shall apply to the following without limitation: groundwater; remediated groundwater; contaminated stormwater; contaminated groundwater permitted through a CT DEEP Groundwater Remediation General Permit or other CT DEEP Miscellaneous General or Individual Permit; landfill leachate; process equipment condensate; groundwater used for process water including cooling water; discharges granted temporary authorization to discharge by CT DEEP; and stormwater discharged into a separated sanitary sewer system.

**FOG Charges:** Fees are charged to Class III and IV food service establishments to offset the costs of managing the Fats, Oils and Grease (FOG) program. This program is required by the CT Department of Energy and Environmental Protection General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments.

**Liquid Waste Discharge Fee(other than Acceptable Septage)**

Tier 1--	0-500,000 avg. gallons per month	\$0.13/gal
Tier 2--	500,001 to 700,000 avg. gallons per month	\$0.07/gal
Tier 3--	700,000+ avg. gallons per month	\$0.05/gal

**FOG Fees**

Annual FOG Fee	\$80.00
Failure to submit Registration or Variance Applications	\$100.00
Disallow Inspection	\$100.00
No FOG management equipment installed	\$200.00
Non-compliant FOG management equipment installed	\$200.00
Failure to maintain grease trap cleaning, inspection and and maintenance records in proper order	\$100.00
Failure to maintain FOG management equipment in proper working order	\$200.00
Failure to clean FOG management equipment quarterly or when 25% of the depth of the trap is filled with food solids and FOG, whichever comes first.	\$200.00
Failure to properly dispose of brown and/or yellow grease	\$200.00
Source of sewer blockage	\$500.00
Source of sanitary sewer overflow (minimum) - Actual costs will be billed to the facility for time and materials related to the overflow	\$500.00

**Violation Correction Schedule**

Equipment not registered	7 days
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No grease trap installed or non-compliant grease trap installed	30 days
FOG management equipment in need of repair or cleaning	7 days
Failure to maintain written records of FOG management equipment cleaning and inspection	7 days
Disallow an inspection – Inspection must be scheduled within 7 days of initial inspection attempt	7 days
Failure to clean and maintain FOG management equipment as required	7 days
Source of sewer blockage	24 Hours
Source of sanitary sewer overflow (minimum)	24 Hours

**\$75 re-inspection fee for not complying with the NOV within the schedule listed above.**

At a meeting of the Board of Finance held on November 28, 2018, it was:

**Voted:** That the District Board approve the following resolution:

**Resolved:** That, in accordance with Section S12j of the District Ordinances, Unit Charges For Computing The Sewer User Charge, a sewer user charge rate of four dollars and sixty-four cents (\$4.64) per hundred cubic feet of sewer flow be effective for meter readings on and after January 1, 2019 and that, effective January 1, 2019, a sewer user customer service charge of six dollars (\$6.00) per month, a BOD strength charge of fifty-five cents (\$0.55) per pound be billed on sewer flow for that concentration of BOD exceeding 300 milligrams per liter; a COD strength charge of fifty-five cents (\$0.55) per pound be billed on sewer flow for that concentration of COD exceeding 700 milligrams per liter; and a suspended solids strength charge of forty-five cents (\$0.45) per pound be billed on sewer flow for that concentration of suspended solids exceeding 300 milligrams per liter.

**Further**

**Resolved:** In accordance with Section S12x of the District's Ordinances, the rate for the Clean Water Project Charge (f/k/a Special Sewer Service Charge) shall be \$4.10 per ccf commencing January 1, 2019.

**Also Voted:** That the District Board approve the following schedule of fees effective January 1, 2019.

**Liquid Waste Discharge Fee**

Tier 1--	0-500,000 avg. gallons per month	\$0.13/gal
Tier 2--	500,001 to 700,000 avg. gallons per month	\$0.07/gal
Tier 3--	700,000+ avg. gallons per month	\$0.05/gal

**FOG Fees**

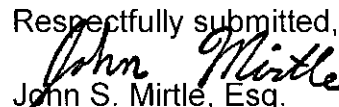
Annual FOG Fee	\$80.00
Failure to submit Registration or Variance Applications	\$100.00
Disallow Inspection	\$100.00

No FOG management equipment installed	\$200.00
Non-compliant FOG management equipment installed	\$200.00
Failure to maintain grease trap cleaning, inspection and and maintenance records in proper order	\$100.00
Failure to maintain FOG management equipment in proper working order	\$200.00
Failure to clean FOG management equipment quarterly or when 25% of the depth of the trap is filled with food solids and FOG, whichever comes first.	\$200.00
Failure to properly dispose of brown and/or yellow grease	\$200.00
Source of sewer blockage	\$500.00
Source of sanitary sewer overflow (minimum) - Actual costs will be billed to the facility for time and materials related to the overflow	\$500.00

### Violation Correction Schedule

Equipment not registered	7 days
No grease trap installed or non-compliant grease trap installed	30 days
FOG management equipment in need of repair or cleaning	7 days
Failure to maintain written records of FOG management equipment cleaning and inspection	7 days
Disallow an inspection – Inspection must be scheduled within 7 days of initial inspection attempt	7 days
Failure to clean and maintain FOG management equipment as required	7 days
Source of sewer blockage	24 Hours
Source of sanitary sewer overflow (minimum)	24 Hours

**\$75 re-inspection fee for not complying with the NOV within the schedule listed above.**

Respectfully submitted,  
  
 John S. Mirtle, Esq.  
 District Clerk

**BOARD OF FINANCE  
RESOLUTION SETTING THE THRESHOLD AMOUNT FOR THE PURPOSES OF  
THE DISTRICT'S REFERENDUM REQUIREMENT**

To: District Board

December 10, 2018

From: Board of Finance

**WHEREAS**, the charter of the Metropolitan District of Hartford County, Connecticut (the "District"), and more particularly Section 14 of number 511 of the special acts of 1929, as amended by section 1 of number 332 of the special acts of 1931, number 127 of the special acts of 1947, section 2 of special act 79-102, special act 80-13, section 1 of special act 83-31, section 5 of special act 90-27, and section 2 of public act 15-114 (Section 14, as amended, being referred to as the "Referendum Requirement"), provides as follows:

(a) Appropriations to be financed by the issuance of bonds, notes or other obligations of the district may be made at any time upon approval of the district board and recommendation of the board of finance in accordance with section 20 of number 511 of the special acts of 1929.

(b) (1) Any appropriation in excess of the amount set forth in subdivision (2) of this subsection for any single item of capital expense not regularly recurring, including, but not limited to, a capital purpose, a public improvement or an extraordinary expenditure which may properly be financed long-term rather than from current revenues, notwithstanding that such appropriation is included in the budget to be met from current revenues, shall be approved by a two-thirds vote of the entire district board and by a majority of the electors of the district at a referendum of the district called by the district board in accordance with the requirements of section 5 of number 511 of the special acts of 1929, as amended by special act 77-54; provided an appropriation for any reason involving not more than twice the amount set forth in subdivision (2) of this subsection in any one year for the purpose of meeting a public emergency threatening the lives, health or property of citizens of the district may be made upon approval by a two-thirds vote of the entire district board without submission to the electors of the district; provided further, appropriations may be made in any amount without submission to the electors of the district for any public improvement all or a portion of which is to be paid for by assessments of benefits or from funds established to pay for waste or water facilities pursuant to section 13 of number 511 of the special acts of 1929, as amended by number 366 of the special acts of 1949, special act 77-54 and special act 83-31; and provided further, submission to the electors of the district shall only be required with respect

to such portion, if any, of any appropriation approved by the district board on and after October 1, 2015, as exceeds the amount set forth in

subdivision (2) of this subsection. The district board may determine, in the case of appropriations for water, sewer and utility line extensions and improvements, or the installation or replacement of service meters, the definition of what shall constitute a single item of capital expense for purposes of compliance with the referendum requirement of this section. Such determination may be contained in the capital budget or a resolution making such appropriation or authorizing the issuance of bonds, notes or obligations of the district and any such determination shall be final and conclusive.

(2) On and after October 1, 2015, the threshold amount for purposes of subdivision (1) of this subsection shall be twenty million dollars as adjusted annually thereafter on October first by a percentage equal to the increase, if any, in the consumer price index for urban consumers, as most recently determined by the United States Department of Labor, Bureau of Labor Statistics for the most recent twelve-month period available, provided for any appropriation adopted by the district board on and after October 1, 2015, the aggregate amount of federal and state grants available, committed to be made available or expected to be made available for the appropriation at issue, each as determined by the district board whose determination shall be conclusive, shall be deducted from the amount of the appropriation in determining whether such threshold is met.

**WHEREAS**, for purposes of this resolution, the amount referred to in section (b)(2) of the Referendum Requirement is hereinafter referred to as the Threshold Amount, and

**WHEREAS**, the consumer price index for urban consumers, as determined by the United States Department of Labor, Bureau of Labor Statistics ("CPI") as of September 30, 2018 was 252.439, representing a percentage from October 1, 2017 to October 1, 2018 of two and 30/100 percent (2.30%);

**WHEREAS**, the District Board wishes to find and determine the Threshold Amount in effect as of the date of this Resolution;

At a meeting of the Board of Finance held on November 28, 2018, it was:

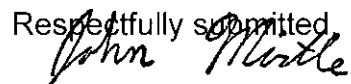
**Voted:** That the District Board approve the following resolution:

**NOW THEREFORE BE IT RESOLVED:**

Based on the evidence presented to the District Board, the District Board finds and determines, that the Threshold Amount in effect as of October 1, 2018 and

thereafter is TWENTY-ONE MILLION TWO HUNDRED TWENTY-THREE THOUSAND FORTY-TWO AND 00/100 DOLLARS (\$21,223,042.00).

Respectfully submitted,

  
John S. Mirtle, Esq.  
District Clerk

**WATER BUREAU  
2019 DISTRICT WATER RATES**

**To:** District Board

December 10, 2018

**From:** Water Bureau

The 2019 budget in support of Water Operations calls for the water use rate to increase to \$3.50 per hundred cubic feet (CCF). The changes will become effective January 1, 2019.

A discussion of several rates that comprise the proposed schedule for 2019 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 increase from \$3.14 per CCF to \$3.50 per CCF.

The recommended rate for treated water for customers, based on actual metered consumption, is:

<b><u>CURRENT RATE</u></b>	<b><u>PROPOSED RATE</u></b>
\$3.14/100 Cu. ft.	\$3.50 /100 Cu ft.

**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. The customer service charges in the residential category (5/8", 3/4", and 1" meters) will remain at \$44.94 per quarter. The customer service charges for the 6" will remain at \$1,458.21 per quarter. The customer service charges for the 1 1/2", 2", 3", 4", 8", 10" and 12" meters will remain at \$145.80, \$233.40, \$437.67, \$730.65, \$2,313.48, \$5,333.31, \$5,689.14 per quarter respectively.

**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. The surcharge rates in the residential category (5/8", 3/4", and 1" meters) will remain at \$44.94 per quarter. The customer service charges for the 6" will



remain at \$1,458.21 per quarter. The customer service charges for the 1 1/2", 2", 3", 4", 8", 10" and 12" meters will remain at \$145.80, \$233.40, \$437.67, \$730.65, \$2,313.48, \$5,333.31, \$5,689.14 per quarter respectively.

### **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. It is recommended that the charge for untreated water remain at the rate of \$1.50 per hundred cubic feet.

### **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.

### **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 service charges for the 2", 3", 4", 6", 8", 10" and 12" meters rates increase to \$19.96, \$25.97, \$38.99, \$65.40, \$240.00, \$375.00, \$540.00 respectively.

### **Conclusion**

Staff believes that the foregoing rate change 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.

At a meeting of the Water Bureau held on November 28, 2018, it was:

**RECOMMENDED** that it be

**Voted:** That the District Board, acting under Section 5-4 of the District Charter, establishes revised water rates effective with the meter readings rendered on and after January 1, 2019, as set forth in the following "REVISIONS TO WATER SUPPLY ORDINANCES."

## REVISIONS TO WATER SUPPLY ORDINANCES

### W-1 WATER RATES

#### SEC. W1a WATER USED CHARGE (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>
MONTHLY AND QUARTERLY	\$3.14 per 100 Cubic Feet

<u>BILLS RENDERED</u>	<u>RATE</u>
<u>MONTHLY</u>	<u>3.50 per 100 Cubic Feet</u>

#### 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:

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$14.98</u>
3/4"	<u>\$14.98</u>
1"	<u>\$14.98</u>
1 1/2"	<u>\$48.60</u>
2"	<u>\$77.80</u>
3"	<u>\$145.89</u>
4"	<u>\$243.55</u>
6"	<u>\$486.07</u>
8"	<u>\$771.16</u>
10"	<u>\$1,777.77</u>
12"	<u>\$1,896.38</u>

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

**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 charges under 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:

**Farmington**

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$0.18</u>
1"	<u>\$0.36</u>
1 1/2"	<u>\$1.94</u>
2"	<u>\$6.17</u>
3"	<u>\$10.79</u>
4"	<u>\$13.44</u>
8"	<u>\$353.71</u>

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
<b>5/8"</b>	<b><u>\$0.74</u></b>
<b>1"</b>	<b><u>\$2.60</u></b>
<b>1 1/2"</b>	<b><u>\$12.40</u></b>
<b>2"</b>	<b><u>\$28.26</u></b>
<b>3"</b>	<b><u>\$41.96</u></b>
<b>4"</b>	<b><u>\$119.93</u></b>
<b>6"</b>	<b><u>\$43.32</u></b>
<b>8"</b>	<b><u>\$4,854.28</u></b>

## Glastonbury

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$1.44</u>
3/4"	<u>\$3.40</u>
1"	<u>\$3.33</u>
1 1/2"	<u>\$8.65</u>
2"	<u>\$16.57</u>
3"	<u>\$51.05</u>
4"	<u>\$51.05</u>

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$3.58</u>
3/4"	<u>\$4.96</u>
1"	<u>\$9.59</u>
1 1/2"	<u>\$28.76</u>
2"	<u>\$49.83</u>
3"	<u>\$131.23</u>
4"	<u>\$128.08</u>

## South Windsor

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$0.31</u>
3/4"	<u>\$0.51</u>
1"	<u>\$0.92</u>
1 1/2"	<u>\$1.41</u>
2"	<u>\$3.15</u>
3"	<u>\$32.97</u>
4"	<u>\$32.97</u>


<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$.57</u>
3/4"	<u>\$.70</u>
1"	<u>\$1.73</u>
1 1/2"	<u>\$2.22</u>
2"	<u>\$7.62</u>
3"	<u>\$87.23</u>
4"	<u>\$29.01</u>
6"	<u>\$25.10</u>

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, ~~metered, or unmetered~~, shall be in accord with the following table:

<u>SIZE OF CONNECTION</u>	<u>MONTHLY CHARGE</u>
<u>2"</u>	<u>\$17.91</u>
<u>3"</u>	<u>\$23.30</u>
<u>4"</u>	<u>\$34.98</u>
<u>6"</u>	<u>\$58.67</u>
<u>8"</u>	<u>\$88.21</u>
<u>10"</u>	<u>\$147.73</u>
<u>12"</u>	<u>\$207.76</u>

<u>SIZE OF CONNECTION</u>	<u>MONTHLY CHARGE</u>
<u>2"</u>	<u>\$19.96</u>
<u>3"</u>	<u>\$25.97</u>
<u>4"</u>	<u>\$38.99</u>
<u>6"</u>	<u>\$65.40</u>
<u>8"</u>	<u>\$240.00</u>
<u>10"</u>	<u>\$375.00</u>
<u>12" &amp; Larger</u>	<u>\$540.00</u>

Respectfully submitted,  
  
John S. Mirtle, Esq.  
District Clerk



**WATER BUREAU**  
**REVISIONS TO WATER ASSESSMENT RATES AND OTHER RELATED CHARGES**  
**AND SPECIAL WATER RATES AND CHARGES**

**To:** District Board

December 10, 2018

**From:** Water Bureau

In support of the annual water operating budget, staff is submitting these rates in conjunction with the revisions to the proposed Fiscal Year 2019 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:

Water Assessment Rates and Other Related Charges:

	<u>Current</u>	<u>Proposed</u>
Main Pipe Assessment	\$77.00/ft	<b><u>\$95.00/ft</u></b>
Service Pipe Taps		
Domestic (includes spacer and meter costs):		
1" Service Tap with 5/8" Meter	\$550.00	<b><u>\$670.00</u></b>
1" Service Tap with 3/4" Meter	\$575.00	<b><u>\$675.00</u></b>
1-1/2" Service Tap with 1" Meter	\$695.00	<b><u>\$800.00</u></b>
2" Service Tap with 1-1/2" Meter	\$1,400.00	\$1,400.00
4" Service Tap with 2" Meter	\$1,450.00	\$1,450.00
4" Service Tap with 3" Meter	\$1,580.00	\$1,580.00
6" Service Tap with 4" Meter	\$1,780.00	\$1,780.00
8" Service Tap with 6" Meter	\$2,400.00	\$2,400.00
10" Service Tap with 8" Meter	\$3,370.00	\$3,370.00
Fire Service		
2" Fire Service Tap	\$565.00	<b><u>\$650.00</u></b>
4", 6", 8" Fire Service Tap	\$460.00	<b><u>\$550.00</u></b>
Hydrants		
Installed after the main	\$9,800.00	<b><u>\$10,800.00</u></b>
Hydrant Maintenance	\$100.00	<b><u>\$125.00</u></b>
Hydrant Relocation	\$15,000.00	\$15,000.00
	deposit +/- actual	deposit +/- actual
	cost + overhead	cost + overhead
Fire Flow Testing	\$340.00	<b><u>\$400.00</u></b>

Special Meter Charges and Deposits:

	<u>Current</u>	<u>Proposed</u>
Hydrant Meters		
Administrative and meter reading fee, including connection and inspection fees + actual water use to be billed	\$1,000.00	\$1,000.00
Hydrant Meter Deposit	\$1,500.00	\$1,500.00
Subsequent re-inspection and testing fee, if backflow prevention device required	\$50.00	<b><u>\$100.00</u></b>
Frozen, Lost or Damaged Meters		
5/8" meter	\$200.00	<b><u>\$225.00</u></b>
3/4" meter	\$240.00	<b><u>\$260.00</u></b>
1" meter	\$275.00	<b><u>\$300.00</u></b>
1-1/2" meter	\$920.00	<b><u>\$1,000.00</u></b>
2" meter	\$1,155.00	<b><u>\$1,300.00</u></b>
3" meter	\$1,355.00	<b><u>\$1,425.00</u></b>
4" meter	\$1,615.00	<b><u>\$1,700.00</u></b>
6" meter	\$2,560.00	<b><u>\$2,700.00</u></b>
8" meter	\$4,000.00	<b><u>\$4,100.00</u></b>
Radio transmitter unit	\$155.00	<b><u>\$200.00</u></b>
Spacer Charges		
5/8", 3/4"	\$145.00	<b><u>\$160.00</u></b>
1"	\$150.00	<b><u>\$165.00</u></b>
1-1/2"	\$200.00	<b><u>\$225.00</u></b>
2" & larger	\$220.00	<b><u>\$250.00</u></b>

	<u>Current</u>	<u>Proposed</u>
3 <sup>rd</sup> Party Damaged Hydrant Charge		
Repair or Replacement	actual cost + overhead	actual cost + overhead
Delinquent Account Review and Lien Fees	\$85.00	<b><u>\$90.00</u></b>
Delinquent Account Review and Lien Fees – Condo Assoc.	\$26.00	\$26.00
Checks Returned for Insufficient Funds	\$50.00	<b><u>\$60.00</u></b>
Shut-Off /Turn-on for Non-Payment	\$100.00	<b><u>\$125.00</u></b>
Shut-Off/Turn-on for Non-Payment (subsequent event in same year)	\$200.00	<b><u>\$225.00</u></b>
Scheduled Overtime/Emergency Inspections	\$325.00	\$325.00
Off and On Within 12 Months	\$95.00	<b><u>\$110.00</u></b>
Install Permanent Meter (No Service Tap)		
5/8" – 1" Meter	\$95.00	<b><u>\$110.00</u></b>
2" Meter & larger	\$240.00	<b><u>\$275.00</u></b>
Backflow Prevention Device Testing	\$90.00	<b><u>\$200.00</u></b>
Cross Connection Service	N/A	<b><u>\$90.00</u></b>
Service Call 1 <sup>st</sup> visit free	N/A	N/A
Service Call - Subsequent visits	\$90.00/ea	\$90.00/ea
Closing Meter Reading Fee (per visit)	\$90.00	<b><u>\$110.00</u></b>
Water Wagon - Non-Sunday	\$1,030.00	\$1,030.00
Water Wagon – Sunday	\$1,350.00	\$1,350.00
Water Tanker – Administrative Fee		
+ actual water use to be billed	\$75.00	\$75.00
Administrative Review for Water and/or Sewer Services	\$465.00	\$465.00
Tampering of Hydrant or Water Supply		
First offense	\$500.00	\$500.00
Subsequent offense	\$1,000.00	\$1,000.00
Water Service Installation Charge	\$1,800.00	\$1,800.00



At a meeting of the Water Bureau held on November 28, 2018, it was:

RECOMMENDED that it be:

Voted: That the District Board, upon recommendation of the Water Bureau, hereby adopts the following schedule of fees effective January 1, 2019:

Water Assessment Rates and Other Related Charges:

Main Pipe Assessment	\$95.00/ft
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Service Pipe Taps

Domestic (includes spacer and meter costs):

1" Service Tap with 5/8" Meter	\$670.00
1" Service Tap with 3/4" Meter	\$675.00
1-1/2" Service Tap with 1" Meter	\$800.00
2" Service Tap with 1-1/2" Meter	\$1,400.00
4" Service Tap with 2" Meter	\$1,450.00
4" Service Tap with 3" Meter	\$1,580.00
6" Service Tap with 4" Meter	\$1,780.00
8" Service Tap with 6" Meter	\$2,400.00
10" Service Tap with 8" Meter	\$3,370.00

Fire Service

2" Fire Service Tap	\$650.00
4", 6", 8 " Fire Service Tap	\$550.00

Hydrants

Installed after the main	\$10,800.00
Hydrant Maintenance	\$125.00
Hydrant Relocation	\$15,000.00

deposit +/- actual  
cost + overhead  
\$400.00

Fire Flow Testing

Special Meter Charges and Deposits:

Hydrant Meters

Administrative and meter  
reading fee, including connection  
and inspection fees

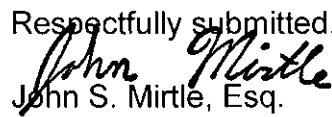
+ actual water use to be billed	\$1,000.00
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Hydrant Meter Deposit	\$1,500.00
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Subsequent re-inspection and

testing fee, if backflow prevention device required	\$100.00
Frozen, Lost or Damaged Meters	
5/8" meter	\$225.00
3/4" meter	\$260.00
1" meter	\$300.00
1-1/2" meter	\$1,000.00
2" meter	\$1,300.00
3" meter	\$1,425.00
4" meter	\$1,700.00
6" meter	\$2,700.00
8" meter	\$4,100.00
Radio transmitter unit	\$200.00
Spacer Charges	
5/8", 3/4"	
1"	\$160.00
1-1/2"	\$165.00
2" & larger	\$225.00
3 <sup>rd</sup> Party Damaged Hydrant Charge	
Repair or Replacement	actual cost + overhead
Delinquent Account Review and Lien Fees	\$90.00
Delinquent Account Review and Lien Fees – Condo Assoc.	\$26.00
Checks Returned for Insufficient Funds	\$60.00
Shut-Off/Turn-on for Non-Payment	\$125.00
Shut-Off/Turn-on for Non-Payment (subsequent event in same year)	\$225.00
Scheduled Overtime/Emergency Inspections	\$325.00
Off and On Within 12 Months	\$110.00
Install Permanent Meter (No Service Tap)	
5/8" – 1" Meter	\$110.00
2" Meter & larger	\$275.00
Backflow Prevention Device Testing	\$200.00
Cross Connection Service	\$90.00
Service Call 1 <sup>st</sup> visit free	N/A
Service Call - Subsequent visits	\$90.00/ea
Closing Meter Reading Fee	\$110.00
Water Wagon - Non-Sunday	\$1,030.00

Water Wagon – Sunday	\$1,350.00
Water Tanker – Administrative Fee	
+ actual water use to be billed	\$75.00
Administrative Review for Water	
and/or Sewer Services	\$465.00
Tampering of Hydrant or Water	
Supply	
First offense	\$500.00
Subsequent offense	\$1,000.00
Water Service Installation Charge	\$1,800.00

Respectfully submitted,  
  
 John S. Mirtle, Esq.  
 District Clerk

**WATER BUREAU  
ENCROACHMENT AGREEMENT  
CHERRY BROOK - RESERVOIR 6 SECTION II PIPELINE RIGHT-OF-WAY  
REALIGNMENT OF FISHER DRIVE AND BICKFORD DRIVE, AVON**

To: District Board

December 10, 2018

From: Water Bureau

On August 21, 2018, the Metropolitan District received a request from Ronald Bomengen of Fuss & O'Neill, on behalf of the Carpiolato Group, LLC, and Avon Town Center, LLC, developer and owner, to permanently encroach upon the Cherry Brook – Reservoir 6 Section II Pipeline 100-foot right-of-way, containing an existing 48-inch RCP raw water transmission main, located across Fisher Drive, Bickford Drive and private lands, west of Route 10 in Avon (the “right-of-way”). This encroachment will provide access for the realignment of the intersection of Fisher Drive and Bickford Drive, Stage 1 of the Avon Village Center mixed use development project, as shown on the accompanying map.

The raw water pipeline right-of-way across the parcel was conveyed to the Metropolitan District by the Ensign-Bickford Company on December 27, 1961 in conjunction with the construction of the Cherry Brook – Reservoir 6 Section II Pipeline, and is recorded in the Town of Avon land records: Volume 45 Page 79. Item 6 of the easement document states that the Grantor “shall have the right to build public roads across any portion of said rights-of-way subject to approval of the Grantee herein in writing and provided such roads, including surfacing and grading, shall not interfere with the rights herein granted.”

As stated previously, the purpose of this encroachment is to allow for the realignment of the intersection of Fisher Drive and Bickford Drive, to include placement of water mains, storm drains, gas mains, sanitary sewer pipe, concrete sidewalks, granite curbing, light poles, rip rap, a concrete culvert end, a bituminous concrete path and grading within the right-of-way (hereinafter collectively referred to as the “Improvements”).

The Owner has agreed to the following conditions, in order to satisfy the District's concerns for protection of the existing 48-inch raw water transmission main located within the subject right-of-way and the District's accessibility along the length of the right-of-way:

1. No additional permanent structures, other than the proposed Improvements shall be located within the District's right-of-way.
2. Pipes crossing over or under the District's pipelines shall maintain a minimum eighteen (18”) inch vertical clearance.

3. Grading shall be such that the surface of the right-of-way shall maintain not less than three (3) feet nor more than ten (10) feet of cover over the raw water pipeline.
4. The Metropolitan District shall not be held liable for any damage caused to any structure listed above located within or adjacent to the right-of-way in the event of an emergency raw water transmission main repair. The Metropolitan District will make every effort feasible to minimize damage to these structures; however, the cost for repairs to such structures shall be the responsibility of the Owner.
5. The District reserves the right to remove any improvements within the right-of-way at any time if so required for maintenance or repair of the raw water transmission main. The Owner shall bear any additional maintenance or repair costs necessitated by the presence of any improvements upon the right-of-way.
6. Care must be taken during construction not to disturb the existing raw water transmission main. All heavy construction equipment must be located outside the limits of the right-of-way when not in use. Any earth moving equipment that will be utilized on the site over and adjacent to the water main shall be reviewed and approved by District staff prior to mobilization to the site. Any damage to the existing raw water transmission main caused by any construction within the right-of-way shall be the responsibility of the Owner.
7. An MDC inspector must be on the job site whenever work is being performed by or on behalf of Owner to construct, maintain or repair any Improvements within the right-of-way. Any construction, maintenance or repair of the Improvements shall conform to District standards and 48-hours advance notice must be given to the District prior to any such construction, maintenance or repair within the right-of-way.

Staff has reviewed the proposed construction plans and determined that there will be no negative impact on District property or infrastructure.

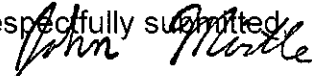
At a meeting of the Water Bureau held on December 10, 2018, it was:

VOTED: That the Water Bureau recommends to the District Board passage of the following resolution:

RESOLVED: That the Chairman or Vice Chairman of the District Board be authorized to execute an agreement, subject to approval as to form and content by District Counsel, granting permission to Avon Town Center, LLC to encroach upon the Cherry Brook – Reservoir 6 Section II Pipeline 100-foot raw water right-of-way located across Fisher Drive, Bickford Drive and private lands, west of Route 10 in Avon, for the purpose of installing water mains, storm drains, gas mains, sanitary sewer pipe, concrete sidewalks, granite curbing, light poles, rip rap, a concrete culvert end, a bituminous concrete path and grading for the intersection realignment of

Fisher Drive and Bickford Drive, Avon, provided that the District shall not be held liable for any costs or damages of any kind which may result during initial construction or in the following years with respect to any subsequent construction, maintenance or repair as a result of such encroachment.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John S. Mirtle". The signature is written in a cursive style with a large initial "J" and "M".

John S. Mirtle, Esq.  
District Clerk



TO ILLUSTRATE 100'  
EASEMENT ENCROACHMENT



FUSS & O'NEILL

August 21, 2018

Mr. Michael Curley, Manager of Technical Services  
The Metropolitan District  
Engineering & Planning  
555 Main Street  
P.O. Box 800  
Hartford, CT 06142-0800

RE: Avon Village Center Encroachment Permit Request  
Avon, CT  
Fuss & O'Neill Reference No. 2014 0986.S10

Dear Mr. Curley:

On the behalf of the Carpionato Group, LLC, I would like to request an encroachment permit for Stage 1 of the Avon Village Center (AVC), a mixed-use development. The proposed project is located on approximately 100 acres of land north of Route 44 and west of Route 10/202. The portion of the project that will require an encroachment permit from The MDC is located near the intersection of Fisher Drive and Route 10/202.

The AVC development will be constructed in multiple phases beginning with Stage 1 in the fall of 2018. Stage 1 of construction includes the realignment of Bickford Drive and Fisher Drive near the intersection of Route 10/202. A portion of a 100 foot MDC easement is within the Stage 1 area. Construction activities within the MDC easement will include:

- Clearing and grubbing
- Earth moving (excavation and fill)
- Removal of existing roadway
- Removal of existing utility and stormwater system infrastructure
- Installation of utility and stormwater system infrastructure
- Installation of bituminous concrete roadways, concrete walkways, granite curbs, bituminous concrete trails, and Farmington Valley Greenway Trail
- Installation of light poles

Detailed plans for all proposed construction within the MDC easement are enclosed with this letter.

Please consider this a formal request for a permanent encroachment permit to develop the AVC Stage 1 improvements within the MDC easement.

146 Hartford Road  
Manchester, CT  
06040  
t 860.646.2469  
800.286.2469  
f 860.533.5143

[www.fando.com](http://www.fando.com)

California  
Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont





FUSS & O'NEILL

Michael Curley  
August 21, 2018  
Page 2

If you have any questions, please don't hesitate to call me at (860) 646-2469, ext. 5253.

Sincerely,

Ronald E. Bomengen, PE, LEED AP  
Associate/Department Manager

Enclosures: Plans Entitled: "Avon Village Center – Phase 1, Stage 1, MDC Encroachment Permits"  
Sheets MDC-01-03, dated 08/03/2018

c: Jennifer Ottalagana

**COMMITTEE ON MDC GOVERNMENT  
REVISIONS TO DISTRICT ORDINANCES**

**To:** District Board

December 10, 2018

**From:** Committee on MDC Government

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 ORDINANCES:**

§ W1a	"WATER USED CHARGE (TREATED WATER)"
§ W1f	"SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS"
§ W6f	"CHARGES FOR PRIVATE FIRE PROTECTION SERVICE"

**SEWER ORDINANCES:**

§ S15b	"DEFINITIONS"
§ S15e	"VARIANCES"
§ S15l	"BILLING OF FOG CHARGES"
§ S15m	"PAYING OF FOG CHARGES"

At a meeting of the Committee on MDC Government held on December 10, 2018, it was:

**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)

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

<u>BILLS RENDERED</u>	<u>RATE</u>
<del>MONTHLY AND QUARTERLY</del>	<del>\$3.14 per 100 Cubic Feet</del>

<u>BILLS RENDERED</u>	<u>RATE</u>
<u>MONTHLY</u>	<u>\$3.50 per 100 Cubic Feet</u>

### 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 charges under 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:

#### Farmington

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$0.18</u>
1"	<u>\$0.36</u>
1 1/2"	<u>\$1.94</u>
2"	<u>\$6.17</u>
3"	<u>\$10.79</u>
4"	<u>\$13.44</u>
8"	<u>\$353.71</u>

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$0.74</u>
1"	<u>\$2.60</u>
1 1/2"	<u>\$12.40</u>
2"	<u>\$28.26</u>
3"	<u>\$41.96</u>
4"	<u>\$119.93</u>
6"	<u>\$43.32</u>
8"	<u>\$4,854.28</u>

### Glastonbury

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$1.44</u>
3/4"	<u>\$3.40</u>
1"	<u>\$3.33</u>
1 1/2"	<u>\$8.65</u>
2"	<u>\$16.57</u>
3"	<u>\$51.05</u>
4"	<u>\$51.05</u>

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$3.58</u>
3/4"	<u>\$4.96</u>
1"	<u>\$9.59</u>
1 1/2"	<u>\$28.76</u>
2"	<u>\$49.83</u>
3"	<u>\$131.23</u>
4"	<u>\$128.08</u>

### South Windsor

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$0.31</u>
3/4"	<u>\$0.51</u>
1"	<u>\$0.92</u>
1 1/2"	<u>\$1.41</u>
2"	<u>\$3.15</u>
3"	<u>\$32.97</u>
4"	<u>\$32.97</u>

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	<u>\$.57</u>
3/4"	<u>\$.70</u>
1"	<u>\$1.73</u>
1 1/2"	<u>\$2.22</u>
2"	<u>\$7.62</u>
3"	<u>\$87.23</u>
4"	<u>\$29.01</u>
6"	<u>\$25.10</u>

## W6f CHARGES FOR PRIVATE FIRE PROTECTION SERVICE

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

<u>SIZE OF CONNECTION</u>	<u>MONTHLY CHARGE</u>
<u>2"</u>	<u>\$17.91</u>
<u>3"</u>	<u>\$23.30</u>
<u>4"</u>	<u>\$34.98</u>
<u>6"</u>	<u>\$58.67</u>
<u>8"</u>	<u>\$88.21</u>
<u>10"</u>	<u>\$147.73</u>
<u>12"</u>	<u>\$207.76</u>

<u>SIZE OF CONNECTION</u>	<u>MONTHLY CHARGE</u>
<u>2"</u>	<u>\$19.85</u>
<u>3"</u>	<u>\$25.82</u>
<u>4"</u>	<u>\$38.77</u>
<u>6"</u>	<u>\$65.02</u>
<u>8"</u>	<u>\$240.00</u>
<u>10"</u>	<u>\$375.00</u>
<u>12" &amp; Larger</u>	<u>\$540.00</u>

## REVISIONS TO SEWER ORDINANCES

### S-15 FATS, OILS AND GREASE (FOG) MANAGEMENT PROGRAM

#### SEC. S15b DEFINITIONS

The following terms shall have the meanings indicated hereafter where used in this Ordinance and are in addition to those defined in Part 1, General Sewer Ordinance, Section S1b, Definitions:

1) "FOG – FATS, OILS AND GREASE"

Any fats, oils and grease generated from the food preparation process as identified per the most current EPA method as listed in 40 CFR 136.3., as may be amended from time to time.

2) "FOOD SERVICE ESTABLISHMENT (FSE)"

Food service establishment means a Class III or Class IV food service



establishment as defined by Section 19-13-B42 of the State of Connecticut Public Health Code, **Class 2, 3 or 4 food establishments as defined by the Food and Drug Administration (FDA) Food Code adopted by Connecticut Public Act 17-93**, or any other facility discharging fats, oil and grease above the effluent limits in Section 5(c)(1) and (2) of the State of Connecticut General Permit for the Discharge of Wastewater Associated with Food Service Establishments such as, but not limited to, restaurants, hotel kitchens, hospital kitchens, school kitchens, bars, factory cafeterias, retail bakeries and clubs.

- 3) "GENERAL PERMIT FOR THE DISCHARGE OF WASTEWATER ASSOCIATED WITH FOOD SERVICE ESTABLISHMENTS"  
The State of Connecticut's Department of Energy and Environmental Protection General Permit for the Discharge of Wastewater Associated with Food Service Establishments issued October 5, 2016 and its subsequent updates. The General Permit was formerly titled General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments.
- 4) "Active Grease Recovery Unit (AGRU)"  
Active Grease Recovery Unit means an interior grease interceptor that separates grease from wastewater by active mechanical or electrical means as described in the General Permit for the Discharge of Wastewater Associated

#### **SEC. S15e VARIANCES**

If a Food Service Establishment has limited potential for FOG in the discharge; an establishment may request a variance for required equipment by submitting an Application for Variance on a form provided by the District. If a variance of equipment is approved, the Food Service Establishment owner shall pay a variance registration fee. The variance registration is valid for a period of three years. If there is a change of ownership then the establishment's new owner must submit a new Application for Variance and pay the associated fee. Facilities that receive a variance on the FOG Management Equipment requirement are subject to the FOG Annual Fee. **MDC reserves the right to revoke any variance issued and require grease control devices to be installed.**

#### **SEC. S15I BILLING OF FOG CHARGES**

The fees associated with the District's FOG Management Program will be billed to the owner of the Food Service Establishment ~~as detailed on the FOG registration form.~~

#### **SEC. S15 m PAYMENT OF FOG CHARGES**

The fees associated with the District's FOG Management Program, either as a separate bill or combined with the water and/or sewer bill, shall be due and payable within ~~3-0~~ **25**-days of the date of issue, and the District is empowered to

permit an extension of time of the due date up to seven days after the end of the billing period. One percent (1%) interest will be applied monthly to the unpaid balance, including previously applied interest, of all bills outstanding beyond the ~~30~~  
25 days.

Respectfully submitted,

  
John S. Mirtle, Esq.  
District Clerk