



The Metropolitan District

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October 28, 2022

**NOTICE OF PUBLIC HEARING
OF THE METROPOLITAN DISTRICT
PROPOSED 2023 BUDGET, WATER & SEWER RATES AND
REVISIONS TO ORDINANCES**

**The Metropolitan District Board Room
555 Main Street, Hartford, Connecticut**

Pursuant to Special Act 01-3, as adopted by the General Assembly of the State of Connecticut, and Section 2-14 of the Compiled Charter of The Metropolitan District ("District"), the District will hold a public hearing on the proposed fiscal year 2023 budget, water and sewer rates, and revisions to the District's ordinances. The hearing will be held at the Metropolitan District Board Room, 555 Main Street, Hartford, Connecticut, on **Monday, November 7, 2022 at 5:30p.m.**

Members of the public that would like to participate remotely may call into the public hearing at **(415) 655-0001 Access Code: 43808661#** or via [Webex video link](#). It is encouraged that anyone from the public wishing to submit public comment on the budget, rates or ordinances do so by submitting written comments to DistrictClerk@themdc.com prior to the hearing. Comments received in advance of the public hearing will be available to District Commissioners during the public hearing and incorporated into the record. Submitting written comments does not prevent any member of the public from also speaking during the hearing.

The proposed fiscal year 2023 budget, rates and ordinance revisions are available for public inspection at www.themdc.org/budget or by request to DistrictClerk@themdc.com. Proposed changes to the following sections of the ordinances will be considered:

WATER SUPPLY ORDINANCES:

§ W1a "WATER USED CHARGE (TREATED WATER)"

§ W1f "SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS"

SEWER ORDINANCES:

§ S1b "DEFINITIONS"

§ S2j "ENTRY FOR INSPECTION"

§ S2k "SUBMISSION OF PLANS FOR SAMPLING WELLS AND OTHER DEVICES"

§ S2n "USE OF STORM DRAINS"

§ S2p "USE OF AUXILIARY OR RELIEF DRAINS"

§ S2s "STATE OF CT GENERAL PERMIT FOR DISCHARGES FROM MISCELLANEOUS INDUSTRIAL USERS"

§ S2t "REQUIRED WASTEWATER DISCHARGE PERMIT(S)"

§ S2w "NEW OR MODIFIED STORM WATER (INFLOW) CONNECTIONS" (NEW)

§ S3s "MAINTENANCE OF SEWER CONNECTIONS"

§ S8a "AGREEMENTS WITH DEVELOPERS AUTHORIZED"

§ S12x "SPECIAL SEWER SERVICE CHARGE FOR CAPITAL IMPROVEMENTS TO THE SEWER SYSTEM"

All interested parties from The Metropolitan District's member municipalities may appear to be heard.

John S. Mirtle, Esq.
District Clerk



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WATER RATES

REVISIONS TO DISTRICT WATER RATES

To: Water Bureau for consideration on November 14, 2022

The 2023 budget in support of Water Operations calls for the water use rate to decrease from \$4.09 per hundred cubic feet (CCF) to **\$3.80/CCF**. The changes will become effective January 1, 2023. A discussion of several rates that comprise the proposed schedule for 2023 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 decrease from \$4.09 per CCF to **\$3.80** per CCF.

CURRENT RATE
\$4.09/CCF

PROPOSED RATE
\$3.80 / CCF

Customer Service Charge

Revenues from this customer service charge are intended to support a portion of the fixed operating, maintenance and debt costs associated with water operations. ***There are no proposed changes to the Customer Service Charge for 2023.***

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

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. ***There are no proposed changes to the surcharge for 2023.***

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

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. The surcharge is calculated based on the aggregate hydraulic capacity of each meter size in each non-member town.

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 fire protection charges to remain unchanged as follows:

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

Conclusion

Staff believes that the foregoing rate 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.

It is **RECOMMENDED** that it be:

Voted: That the Water Bureau, acting under Section 5-4 of the District Charter, approves the following 2023 water rates without change from the 2022 rates:

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"	\$14.98
3/4"	\$14.98
1"	\$14.98
1 1/2"	\$48.60
2"	\$77.80
3"	\$145.89
4"	\$243.55
6"	\$486.07
8"	\$771.16

SIZE OF METER**MONTHLY BILLING**

10"

\$1,777.77

12"

\$1,896.38

SEC. W1c SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT

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

SIZE OF METER**MONTHLY BILLING**

5/8"

\$14.98

3/4"

\$14.98

1"

\$14.98

1 1/2"

\$48.60

2"

\$77.80

3"

\$145.89

4"

\$243.55

6"

\$486.07

8"

\$771.16

10"

\$1,777.77

12"

\$1,896.38

SEC. W1d CHARGES FOR UNTREATED WATER

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

SEC. W6f CHARGES FOR PRIVATE FIRE PROTECTION SERVICE**SIZE OF CONNECTION****MONTHLY CHARGE**

1"

\$5.00

2"

\$22.85

3"

\$33.75

4"

\$60.00

6"

\$135.00

8"

\$240.00

10"

\$375.00

12"

\$540.00

16"

\$960.00

20"

\$1,500.00

24"

\$2,160.00

Further**Voted:**

That the Water Bureau, acting under Section 5-4 of the District Charter, establishes revised water rates effective with the meter readings rendered on and after January 1, 2023, as set forth in the following "REVISIONS TO WATER SUPPLY ORDINANCES."

Further**Voted:**

That following the public hearing held on November 7, 2022, as required by Special Act 01-3 adopted by the General Assembly of the State of Connecticut, and Section 2-14 of the Compiled Charter of The Metropolitan District, the Water Bureau recommends to the District Board, through the Committee on MDC Government, approval of the following "REVISIONS TO WATER SUPPLY ORDINANCES" by the enactment of said proposed ordinances. (Additions are indicated in red and deletions by strikethrough).

REVISIONS TO WATER SUPPLY ORDINANCES

SEC. W1a WATER USED CHARGE (TREATED WATER)

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

<u>BILLS RENDERED MONTHLY</u>	<u>RATE</u>
	\$4.09 \$3.80 per 100 Cubic Feet

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

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

<u>BILLS RENDERED MONTHLY</u>	<u>RATE</u>
	\$4.09 \$3.80 per 100 Cubic Feet

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

<u>BILLS RENDERED MONTHLY</u>	<u>RATE</u>
	\$3.34 \$3.05 per 100 Cubic Feet

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

<u>BILLS RENDERED MONTHLY</u>	<u>RATE</u>
	\$4.09 \$3.80 per 100 Cubic Feet

SEC. W1f SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS

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

1. On or before the end of each fiscal year, The Metropolitan District shall determine the actual cost of each capital improvement constructed for each non-member town and the net cost (cost less assessments) of layout and assessment projects constructed for each non-member town. The costs and/or net costs, as applicable, shall be allocated to the towns for which the work was performed and shall be a surcharge on the water rates of the users located in such towns.

2. The annual surcharge to be added to each user's water rate shall equal the total amount of the costs and/or net costs, as applicable, allocated to the town in which such user is located [excluding costs which the town has paid as set forth in Section W1f(3)] amortized over a twenty year period using an interest rate computed by the District which approximates the District's long-term cost of funds for its General Obligation Bond portfolio-multiplied by the percentage of hydraulic capacity of each user's meter size (based on the American Water Works Association meter size capacity) of the aggregate hydraulic capacity of all meters in such town. The surcharge shall be billed in either quarterly or monthly installments, as applicable, commencing with the first bill sent out in the fiscal year succeeding the fiscal year in which the work was performed and continuing over the twenty year period.

3. The District shall, as soon as possible after the completion of each capital improvement project or separate phase thereof, provide to the non-member towns for which a capital improvement was constructed a compilation of the costs associated with the construction of such project(s). If, on or before the end of the District's fiscal year in which such construction was completed, a non-member town agrees to pay and does in fact pay all or a portion of the cost of a capital improvement constructed for such town, then the amount paid by such town shall be deducted from the total amount of costs and/or net costs allocated to such town as described in Section W1f(1) and used to calculate the individual surcharges as set forth in Section W1f(2).

MONTHLY BILLING

SIZE OF METER	Farmington		Glastonbury		South Windsor		Manchester	
	<u>2022</u>	<u>2023</u>	<u>2022</u>	<u>2023</u>	<u>2022</u>	<u>2023</u>	<u>2022</u>	<u>2023</u>
5/8"	\$2.26	\$1.84	\$1.76	\$1.63	\$1.33	\$1.46	\$2.84	\$2.79
3/4"			\$2.64	\$2.44	\$2.00	\$2.19		
1"	\$4.52	\$3.68	\$3.53	\$3.25	\$2.67	\$2.92	\$5.68	\$5.57
1 1/2"	\$9.04	\$7.36	\$7.05	\$6.50	\$5.33	\$5.85		
2"	\$169.44	\$138.08	\$132.24	\$121.93	\$99.95	\$109.67		
3"	\$395.36	\$322.20	\$308.55	\$284.51	\$233.21	\$255.90	\$496.79	\$487.54
4"	\$677.76	\$552.33	\$528.95	\$487.73	\$399.79	\$438.68		
6"	\$903.68	\$736.45			\$533.05	n/a	\$1,135.52	\$1,114.38
8"	\$2,259.20	\$1,841.12						

REVISIONS TO WATER ASSESSMENT RATES AND MISCELLANEOUS WATER CHARGES

To: Water Bureau for Consideration on November 14, 2022

In support of the annual water operating budget, staff is submitting these rates in conjunction with the revisions to the proposed Fiscal Year 2023 water rates and other peripheral charges associated with the delivery and sale of water as part of the annual budget adoption process.

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

It is **RECOMMENDED** that it be:

Voted: That the Water Bureau hereby adopts the following schedule of fees effective January 1, 2023:

Water Assessment Rates and Miscellaneous Water Charges

	<u>CURRENT</u>	<u>PROPOSED</u>
<u>Main Pipe Assessment</u>	\$95/ft	\$95/ft
<u>Service Pipe Taps</u>		
Domestic (includes spacer and meter costs):		
1" Service Tap with 5/8" Meter	\$910	\$910
1" Service Tap with 3/4" Meter	\$925	\$925
1-1/2" Service Tap with 1" Meter	\$995	\$1,100
2" Service Tap with 1-1/2" Meter	\$1,890	\$2,015
4" Service Tap with 2" Meter	\$2,000	\$2,200
4" Service Tap with 3" Meter	\$3,640	\$3,640
6" Service Tap with 4" Meter	\$4,190	\$4,190
8" Service Tap with 6" Meter	\$5,970	\$5,970
10" Service Tap with 8" Meter	\$15,850	\$15,850
12" Service Tap with 10" Meter	\$18,120	\$18,120
12" Service Tap with 12" Meter	\$18,810	\$18,810
Fire Service		
2" Fire Service Tap	\$750	\$1,440
4" and larger Fire Service Tap	\$1,100	\$1,200
Hydrants		
Installed after the main	\$11,600	\$11,600
Hydrant Maintenance	\$145	\$150
Hydrant Relocation		
Fire Flow Testing	\$400	\$400

	<u>CURRENT</u>	<u>PROPOSED</u>
<u>Special Meter Charges and Deposits:</u>		
Hydrant Meters		
Administrative and meter reading fee, including connection and inspection fees + actual water use to be billed	\$1,500	\$1,500
Hydrant Meter Deposit	\$2,000	\$2,000
Replacement of Damaged District Meters		
5/8" meter	\$360	\$360
3/4" meter	\$375	\$375
1" meter	\$445	\$445
1-1/2" meter	\$1,140	\$1,140
2" meter	\$1,250	\$1,250
3" meter	\$2,630	\$2,630
4" meter	\$3,180	\$3,180
6" meter	\$4,960	\$4,960
8" meter	\$14,840	\$14,840
10" meter	\$17,110	\$17,110
12" meter	\$17,800	\$17,800
Hydrant meter assembly	\$2,000	\$2,000
Meter box (5/8" - 1")	\$1,750	\$1,750
Meter pit (1 – 1/2" and Larger)	Actual Cost* + Overhead	Actual Cost* + Overhead
Radio transmitter unit	\$200	\$200
Spacer Charges		
5/8", 3/4"	\$160	\$160
1"	\$165	\$165
1-1/2"	\$225	\$225
2" & larger	\$250	\$250
3rd Party Damage to District Infrastructure Repair or Replacement (e.g. public hydrants)	Actual Cost* + Overhead	Actual Cost* + Overhead
Lien Release Fee per Lien <i>(includes delinquent account review)</i>	\$90	\$90
Customer Check Returned for Insufficient Funds	\$60	\$60
Water Turn-on after Shut-off for Non-Payment or Ordinance Violation	\$125	\$170

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

	<u>CURRENT</u>	<u>PROPOSED</u>
Water Turn-on after Shut-off for Non-Payment or Ordinance Violation (subsequent event in same year)	\$225	\$225
Customer Private Property Service Call* <i>e.g. lack of water pressure, leak investigation, customer requested water service off/on, etc.</i> <i>*First customer service call is free of charge. The \$125 fee will be charged for subsequent calls within a rolling 12-month time period.</i>	\$125	\$125
Inspection Service Calls – After Normal Work Hours and Scheduled Overtime/Emergency Inspections <i>After Normal Work Hours are Monday to Friday 4pm to 8am or holidays/weekends.</i>	\$325	\$415
Cross Connection Inspection Fee per building <i>Required by CT Dept. of Public Health. Per DPH regulation, this inspection is required either annually or every five years. The fee will be billed monthly in advance in the amount of either \$2.50 per month (5-year inspection required) or \$12.50 per month (annual inspection required).</i>	\$150	\$150
Backflow Device Testing per device <i>Required by CT Dept. of Public Health but customer may hire private contractor to perform test</i>	\$90	\$115
Failure to Properly Test/Maintain Backflow Device or Allow Access for Cross Connection Inspection Resulting in CT DPH Violation	\$225	\$225
Administrative Review for Water Services <i>Includes but not limited to the following individual services; availability and capacity analysis, assessment/connection charge calculations, encroachment permits, abandonment of infrastructure, Engineering/Environmental survey and documentation request, new hydrant installation fee by developer or other (per hydrant). The Administrative Review fee shall be paid for each individual service item.</i>	\$540	\$600

	<u>CURRENT</u>	<u>PROPOSED</u>
Bulk Water Truck Convenience Fee <i>Per load fixed fee including administrative, water, equipment maintenance, and inspection.</i>	\$50 per load	\$75 per load
Tampering with meter, hydrant or water supply		
First offense	\$500	\$500
Subsequent offenses	\$1,000	\$1,000
Water Service Installation Charge <i>MDC will install the customer's water service from the public water main to the property line.</i>	\$150 per foot	\$150 per foot



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SEWER RATES

BUREAU OF PUBLIC WORKS

FISCAL YEAR 2023 - REVISIONS TO DISTRICT SEWER USER CHARGE RATES AND OTHER SEWER CHARGES

To: Bureau of Public Works for consideration on November 14, 2022

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 2023 budget in support of sewer operations calls for a sewer user charge rate to remain unchanged at \$5.90 per ccf or 0.0% change effective January 1, 2023.

Additionally, in support of the 2023 budget and in accordance with Section S12l of the District's Ordinances, the monthly sewer customer service charge per connection will remain at \$9.00 or 0.0% change effective January 1, 2023.

There will be an Administrative Review Fee for work performed by the Utility Services department, Engineering, Real Estate, Environment, Health & Safety, and others related to customer requests. The Administrative Review Fee includes, but is not limited to, the following individual services: availability and capacity analysis, assessment calculation, permit applications for non-domestic sewage wastewater discharges (including, but not limited to, individual permits, Significant Industrial Users, Categorical Industrial User Wastewater to a POTW, Food Service Establishment Wastewater, Groundwater Remediation Wastewater, Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater, Vehicle Maintenance Wastewater), encroachment permits, abandonment of infrastructure, Engineering/Environmental surveys and documentation requests; this fee will be \$600.

The Annual Wastewater Discharge Compliance Fee of \$150 for all permitted wastewater discharges categorized as non-domestic sewage discharges, including but limited to, individual permits, Significant Industrial Users, Categorical Industrial User Wastewater to a POTW, Food Service Establishment Wastewater, Groundwater Remediation Wastewater, Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater, Vehicle Maintenance Wastewater will be split into 12 monthly increments at a billing rate of \$12.50. The charge is related to costs associated with annual administration and review of discharge monitoring reports, verification of discharges and inventorying and management of customer data.

Following the cost trend for the sewer user charge rate, it is recommended the BOD and COD rates remain unchanged at \$0.70 per pound or effective January 1, 2023. In addition, the suspended solids strength charge will also remain unchanged at \$0.58 per pound effective January 1, 2023. These unit charges, which apply to high flow users, low flow/high strength users and non-municipal tax-exempt users, are for the following:

Liquid flow charge rate based on sewer flow in hundreds of cubic feet (CCF).

1. BOD (biochemical oxygen demand) strength charge rate based on pounds of BOD for the concentration of BOD exceeding 300 milligrams per liter (mg/l); AND/OR COD (chemical oxygen demand) strength charge rate based on pounds of COD for that concentration of COD exceeding 700 mg/l.
2. 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 remain at \$250.00 for the 2023 budget.

Additionally, Section S12x of the District's Ordinances provides for the Special Sewer Service Charge (a.k.a. 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 and going forward, the Integrated Plan. The Special Sewer Service Charge is set annually in conjunction with adoption of the District Budget. Effective January 1, 2023, said charge shall be \$4.25 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 Special Sewer Service 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.

Liquid Waste Discharge Fee (other than Acceptable Septage): **FOR EXISTING CUSTOMERS AS OF 12/31/22**

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 Charges: Fees are charged to Class III and IV and FDA class 2, 3, and 4 Food Service Establishments FSE or any other facility that is likely to discharge fats, oils and grease above the effluent limit of 100 mg/l 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 Service Establishments.

It is **RECOMMENDED** that it be

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 five dollars and ninety cents (\$5.90) per hundred cubic feet of sewer flow be effective for meter readings on and after January 1, 2023 and that, effective January 1, 2023, a sewer user customer service charge per connection of nine dollars (\$9.00) per month, a BOD strength charge of seventy cents (\$0.70) per pound be billed on sewer flow for that concentration of BOD exceeding 300 milligrams per liter; a COD strength charge of seventy cents (\$0.70) per pound be billed on sewer flow for that concentration of COD exceeding 700 milligrams per liter; and a suspended solids strength charge of fifty eight cents (\$0.58) 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 Special Sewer Service Charge a.k.a. Clean Water Project Charge shall be \$4.25 per ccf commencing January 1, 2023.

Further

Resolved: That the District Board approve the following schedule of fees effective January 1, 2023.

	<u>CURRENT</u>	<u>PROPOSED</u>
Installation, Repair or Replacement of Sewer Meters		
<i>Fees are charged to wastewater dischargers that require metering of discharges for billing purposes. The charge is for the initial District meter installation and required repair or replacement of District meter as needed during the permitted discharge period.</i>		
5/8" meter	\$360	\$360
3/4" meter	\$375	\$375
1" meter	\$445	\$445
1-1/2" meter	\$1,140	\$1,140
2" meter	\$1,250	\$1,250
3" meter	\$2,630	\$2,630
4" meter	\$3,180	\$3,180
6" meter	\$4,960	\$4,960
8" meter	\$14,840	\$14,840
10" meter	\$17,110	\$17,110
12" meter	\$17,800	\$17,800
Meter Box (5/8" to 1")	\$1,750	\$1,750
Meter Pit (1 1/2" and larger)	Actual Cost* + Overhead	Actual Cost* + Overhead
Open Channel Sewer	\$15,300	\$15,300
Meter Chamber for Open Channel	Actual Cost* + overhead	Actual Cost* + overhead
Radio transmitter unit	\$200	\$200
Liquid Waste Discharge Fee (other than Acceptable Septage)		
FOR EXISTING CUSTOMERS AS OF 12/31/22		
Tier 1-- 0-500,000 avg. gallons per month	\$0.13/gal	\$0.13/gal
Tier 2-- 500,001 to 700,000 avg gallons per month	\$0.07	\$0.07
Tier 3-- 700,000+ avg gallons per month	\$0.05	\$0.05
Sewer User Charge Late Filing/Sewage Evaluation Fees	\$250	\$250

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

	<u>CURRENT</u>	<u>PROPOSED</u>
Administrative Review for Sewer Services Fee	\$540	\$600
<i>Includes, but is not limited to, the following individual services: availability and capacity analysis, assessment calculation, permit applications for non-domestic sewage wastewater discharges (individual permits, Significant Industrial Users, Categorical Industrial User Wastewater to a POTW, Food Service Establishment Wastewater, Groundwater Remediation Wastewater, Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater, Vehicle Maintenance Wastewater), encroachment permits, abandonment of infrastructure, Engineering/Environmental surveys and documentation requests</i>		
Annual Wastewater Discharge Compliance Fee	\$150	\$150
<i>For all permitted wastewater discharges categorized as non-domestic sewage discharges, including but not limited to, individual permits, Significant Industrial Users, Categorical Industrial User Wastewater to a POTW, Food Service Establishment Wastewater, Groundwater Remediation Wastewater, Miscellaneous Discharges of Sewer Compatible (MISC) Wastewater, Vehicle Maintenance Wastewater. The charge is related costs associated with annual administration and review of discharge monitoring reports, verification of discharges and inventorying and management of customer data. The fee will be billed on a monthly basis at \$12.50/month.</i>		
Private Sewer Cleaning		Actual Cost* + Overhead
<i>Including appurtenances such as catch basins</i>		
Publicly Owned Catch Basin Cleaning		\$157.89 per catch basin
<i>Rate applies to MDC owned catch basins in Hartford with >50% full sumps at time of cleaning</i>		
Wastewater Discharge Compliance Fees		
Failure to submit Registration or Variance Applications	\$500	\$500
Disallow Inspection	\$225	\$225
Failure to maintain discharge records including analytical results and discharge volumes	\$200	\$200
	<u>CURRENT</u>	<u>PROPOSED</u>

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

No FOG management or pre-treatment equipment installed	\$200	\$200
Non-compliant FOG management or pre-treatment equipment installed	\$200	\$200
Failure to properly maintain/service FOG and pre-treatment equipment to maintain proper working order and provide inspection and maintenance records as required.	\$100	\$100
Failure to maintain FOG management equipment in proper working order	\$200	\$200
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.		
Failure to properly dispose of brown and/or yellow grease	\$200	\$200
Source of sewer blockage	\$1,000	\$1,000
Source of sanitary sewer overflow - Actual costs will be billed to the facility for time and materials related to the overflow	minimum \$1,000 or Actual Cost whichever is greater	minimum \$1,000 or Actual Cost whichever is greater

Wastewater Discharge Violation Correction Schedule

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



The Metropolitan District

water supply · environmental services · geographic information

BOARD OF FINANCE RESOLUTIONS

FISCAL YEAR 2023 - BUDGET EXPENDITURES

To: Board of Finance for consideration on November 9, 2022

It is **RECOMMENDED** that it be

Voted: That the Board of Finance approve the following resolution:

Resolved: That the estimated 2023 budget expenditures in the total amount of **\$207,219,317** be referred to the District Board for acceptance and approval as follows:

Budget Appropriations	Sewer	Water	Total
District Board	\$257,500	\$268,000	\$525,500
Executive Office	1,578,900	1,643,383	3,222,283
Legal	737,300	767,334	1,504,634
Administrative Office	321,800	334,860	656,660
Finance	3,032,400	3,156,314	6,188,714
Information Technology	3,080,600	6,254,728	9,335,328
Engineering and Planning	526,100	547,677	1,073,777
Water Treatment & Supply	-	9,292,383	9,292,383
Water Pollution Control	21,537,206	-	21,537,206
Laboratory Services	758,000	821,289	1,579,289
Maintenance	6,226,600	6,480,813	12,707,413
Chief Operating Office	427,000	444,442	871,442
Environment, Health and Safety	496,400	516,844	1,013,244
Command Center	2,060,300	3,999,493	6,059,793
Operations	3,548,700	10,645,947	14,194,647
Patrol	-	1,453,642	1,453,642
Debt Service	36,248,080	38,179,321	74,427,401
Employee Benefits	11,729,500	14,335,989	26,065,489
General Insurance	891,900	1,337,837	2,229,737
Taxes and Fees	-	3,810,500	3,810,500
Special Agreements and Programs	1,816,364	3,200,021	5,016,385
Contingencies	1,980,000	-	1,980,000
Total Water and Sewer Budget	\$97,254,650	\$107,490,817	\$204,745,467
Hydroelectric			\$2,473,850
Total Expenditures			\$207,219,317

FISCAL YEAR 2023 - BUDGET REVENUES

To: Board of Finance for consideration on November 9, 2022

It is **RECOMMENDED** that it be

Voted: That the Board of Finance approve the following resolution:

Resolved: That the 2023 Budget Revenues in the total amount of **\$205,719,317** be referred to the District Board for acceptance and approval as follows:

Water Revenues

Operating Revenues

Sale of Water	\$ 91,459,085
Other Operating Revenues	8,871,900
Subtotal Operating Revenues	<u>100,330,985</u>

Non-Operating Revenues	2,364,497
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Other Financing Sources

Contributions from Other Funds	4,795,335
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Total Source of Revenues – Water Operations	<u>\$ 107,490,817</u>
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Sewer Revenues

Operating Revenues

Tax on Member Municipalities	\$ 53,076,600
Revenue from Other Government Agencies	11,931,000
Other Sewer Revenues	12,429,321
Sewer User Charge Revenues	11,584,900
Subtotal Operating Revenues	<u>\$ 89,021,821</u>

Other Financing Sources

DEEP Contingency	1,980,000
Contributions from Other Funds	6,252,829
Subtotal Other Financing Sources	<u>\$ 8,232,829</u>

Total Source of Revenues – Sewer Operations	<u>\$ 97,254,650</u>
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Total Source of Revenues – Water and Sewer Operations	\$ 204,745,467
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Hydroelectric Revenues	\$ 973,850
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FISCAL YEAR 2023 - HYDROELECTRIC EXPENDITURES AND REVENUES

To: Board of Finance for consideration on November 9, 2022

It is **RECOMMENDED** that it be

Voted: That the Board of Finance approve the following resolution:

Resolved: That the Board of Finance recommends to the District Board for acceptance and approval an appropriation of \$973,850 for the operation of the Hydroelectric Program.

Further

Resolved: That the Board of Finance recommends to the District Board for acceptance and approval estimated Hydroelectric revenues of \$973,850 in support of operations as follows:

Power Sales	\$868,500
Miscellaneous Nonrecurring Revenue	<u>105,350</u>
Total Hydroelectric	<u>\$973,850</u>

FISCAL YEAR 2023 - TAX ON MEMBER MUNICIPALITIES

To: Board of Finance for consideration on November 9, 2022

A Fiscal Year 2023 Tax Levy on The Metropolitan District's member municipalities in the amount of **\$53,076,600** is recommended in support of the proposed 2023 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 2023 will be equivalent to 50% of the total 2022 tax levy. This amount (when paid) will be subtracted from the total 2023 tax levy: the balance is the amount due in the second half of the year. The following are prior years' ad valorem taxes:

Ad Valorem Budget	2019	2020	2021	2022	2023
Hartford	\$12,372,000	\$13,035,400	\$13,169,100	\$14,067,500	\$13,280,070
East Hartford	\$5,775,200	\$6,089,300	\$6,015,200	\$6,264,400	\$6,329,600
Newington	\$4,318,900	\$4,623,100	\$4,681,000	\$4,799,100	\$4,855,190
Wethersfield	\$3,979,400	\$4,240,800	\$4,214,100	\$4,252,500	\$4,336,360
Windsor	\$4,274,900	\$4,611,600	\$4,551,500	\$4,698,600	\$4,790,350
Bloomfield	\$3,488,600	\$3,879,300	\$3,808,100	\$3,868,400	\$3,894,580
Rocky Hill	\$2,909,600	\$3,144,100	\$3,171,200	\$3,206,800	\$3,348,770
West Hartford	\$11,034,500	\$11,852,100	\$11,865,500	\$11,919,300	\$12,241,680
Total	\$48,153,100	\$51,475,700	\$51,475,700	\$53,076,600	\$53,076,600

It is **RECOMMENDED** that it be

Voted: That the Board of Finance 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 **\$53,076,600**, shall be due and payable in favor of The Metropolitan District in four installments on the following due dates: the first installment, totaling **\$13,269,150**, shall be due and payable on January 18, 2023; the second installment, totaling **\$13,269,150**, shall be due and payable on April 19, 2023; the third installment, totaling **\$13,269,150**, shall be due and payable on July 19, 2023; and the fourth installment, totaling **\$13,269,150**, shall be due and payable October 18, 2023. In the event the Department of Energy and Environmental Protection pays the \$1.98 million included in the District's 2023 budget related to the groundwater discharge at the Hartford Landfill, said money shall be applied to reduce the member municipalities' 2023 ad valorem taxes. Apportionment of the Fiscal Year 2023 tax among the member municipalities and the amount due on each installment shall be as follows:

Installment Date	1/18/2023	4/19/2023	7/19/2023	10/18/2023	Total
Hartford	\$3,516,875	\$3,516,875	\$3,123,160	\$3,123,160	\$13,280,070
East Hartford	1,566,100	1,566,100	1,598,700	1,598,700	6,329,600
Newington	1,199,775	1,199,775	1,227,820	1,227,820	4,855,190
Wethersfield	1,063,125	1,063,125	1,105,055	1,105,055	4,336,360
Windsor	1,174,650	1,174,650	1,220,525	1,220,525	4,790,350
Bloomfield	967,100	967,100	980,190	980,190	3,894,580
Rocky Hill	801,700	801,700	872,685	872,685	3,348,770
West Hartford	2,979,825	2,979,825	3,141,015	3,141,015	12,241,680
Total	\$13,269,150	\$13,269,150	\$13,269,150	\$13,269,150	\$53,076,600

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

To: Board of Finance for consideration on November 9, 2022

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 2022 was 296.808, representing a percentage increase from September 2021 of eight point two zero one seven percent (8.2017%);

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

It is **RECOMMENDED** that it be

Voted: That the Board of Finance approve the following resolution:

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, 2022 and thereafter is TWENTY-FOUR MILLION NINE HUNDRED AND EIGHT THOUSAND FOUR HUNDRED AND THIRTY-FOUR DOLLARS (\$24,908,434.00).

FISCAL YEAR 2023 - CAPITAL IMPROVEMENT BUDGET

To: Board of Finance for consideration on November 9, 2022

It is **RECOMMENDED** that it be

Voted: That the Board of Finance recommends to the District Board passage of the following resolution from Bond Counsel

RESOLUTION APPROPRIATING \$144,573,750 FOR THE DISTRICT'S 2023 CAPITAL IMPROVEMENT PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$144,573,750 TO FINANCE SAID APPROPRIATION

WHEREAS, the District Board has resolved to appropriate funds and issue bonds or notes of the District for those capital improvement program projects described in Resolutions Nos. 1 through 37 herein; and

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

NOW, THEREFORE, BE IT RESOLVED:

Section 1. \$144,573,750 is hereby appropriated for the capital improvement program projects set forth herein in the 2023 Capital Improvement Program Resolutions Nos. 1 through 37, inclusive (collectively, referred to herein as the "Resolutions"), and bonds or notes of the District in an amount not to exceed \$144,573,750 are authorized to be issued to finance said appropriation. The bonds are authorized to be issued in one or more series in accordance with the 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. The form, date, maturities and other details of such authorized but unissued bonds shall be hereafter determined by the District Board acting in accordance with 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 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 thereto 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 pursuant to 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, interim funding obligations and project loan obligations under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended, the so-called "Drinking Water Program" ("Drinking Water Obligations") or under Section 22a-475 et seq. of the General Statutes of Connecticut, Revision of 1958, as amended, the so-called "Clean Water Fund Program" ("Clean Water Fund 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. The Chairman or Vice Chairman and the Treasurer or Deputy Treasurer are authorized to execute and deliver to the State of Connecticut a project loan and project grant agreement and/or project loan and subsidy agreement under the State's Clean Water Fund Program and the State's Drinking Water Program and apply for and accept or reject any federal, state or other grants-in-aid for the project.

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, together with applicable annexes, schedules and confirmations thereto, contracts to manage interest rate risk, including interest rate caps, options, puts, calls 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") or any other information

depository, and to provide notices to the MSRB or such depository 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 District hereby expresses its official intent pursuant to Treasury Regulations Section 1.150-2 to reimburse expenditures of not more than \$144,573,750 paid up to 60 days prior to 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 later of the date of the expenditure or such later date as such 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 9. In connection with the issuance of Authorized Obligations, 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 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.

Section 10. The provisions contained in Sections 1 through 9 of this Resolution shall apply to the 2023 Capital Improvement Program Resolutions Nos. 1 through 37, inclusive, herein; and the District Board hereby finds and determines that each project described in Resolutions Nos. 1 through 37 is a single item of capital expense not regularly recurring.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 1

RESOLUTION APPROPRIATING \$5,000,000 FOR VARIOUS SEWER PIPE REPLACEMENTS AND REHABILITATIONS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,000,000 is hereby appropriated for the 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 within the District, including electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at wastewater treatment facilities. The appropriation may also be expended for water main replacements, design, construction and inspection costs, engineering and professional fees, materials, the replacement, rehabilitation and upgrade of District's transportation and power operated equipment fleet and related components, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$5,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 2

RESOLUTION APPROPRIATING \$2,000,000 TO REPAIR, REHABILITATE OR REPLACE WASTEWATER PUMP STATIONS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$2,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$2,000,000 is hereby appropriated for the design of improvements and/or construction of various equipment renewals, replacements, and rehabilitation at wastewater pump stations throughout District member towns to address various process, mechanical, structural, electrical, instrumentation and controls systems upgrades. Planned projects include installation of new pumps, replacement of process piping and valves, electrical/controls replacements and modifications, structural component replacement including aluminum grating and wet well covers. The appropriation may also be expended for an inventory and evaluation of existing wastewater pump stations, design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$2,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 3

RESOLUTION APPROPRIATING \$378,000 FOR THE REHABILITATION OF THE ISLAND ROAD PUMP STATION AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$378,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$378,000 is hereby appropriated for the rehabilitation of the Island Road Pump Station, including design, construction and inspection costs, structural, mechanical and electrical repairs and replacements, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$378,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 4

RESOLUTION APPROPRIATING \$2,100,000 FOR THE PAVING PROGRAM AND RESTORATION AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$2,100,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$2,100,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by work performed on District water infrastructure projects, including design, construction and inspection costs, engineering and professional fees, materials, costs related to the disposal of unsuitable materials and the usage of material from stock, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$2,100,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 5

RESOLUTION APPROPRIATING \$1,700,000 FOR THE SANITARY SEWER EASEMENT PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,700,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,700,000 is hereby appropriated for planning, design, and construction costs for improvements to the District's sanitary sewer easements, including costs for clearing, cutting and other improvements required to maintain or improve access to existing sanitary sewer infrastructure within easements, and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,700,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 6

RESOLUTION APPROPRIATING \$7,500,000 FOR VARIOUS UPGRADES AND REPLACEMENTS AT THE DISTRICT'S FOUR WATER POLLUTION CONTROL FACILITIES AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$7,500,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$7,500,000 is hereby appropriated for design and construction costs related to various infrastructure renewals and replacements at the District's four water pollution control facilities to modernize existing systems

including mechanical, electrical, process, instrumentation and control systems. The appropriation may also be expended for the rehabilitation of multiple water pollution control assets to improve operational readiness and reliability, safety, increase wastewater processing capabilities and add to or enhance an assets life, including inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$7,500,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 7

RESOLUTION APPROPRIATING \$4,305,000 FOR SECONDARY ELECTRIC UPGRADES TO THE HARTFORD WATER POLLUTION CONTROL FACILITY AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$4,305,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$4,305,000 is hereby appropriated for secondary electrical upgrades at the Hartford Water Pollution Control Facility and the replacement of antiquated electrical equipment with current electrical equipment. The appropriation may also be expended for design, inspection and construction costs, engineering and professional fees, mechanical, electrical, structural and architectural improvements, instrumentation, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$4,305,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 8

RESOLUTION APPROPRIATING \$13,125,000 FOR VARIOUS UPGRADES TO THE ROCKY HILL WATER POLLUTION CONTROL FACILITY PRELIMINARY AND ELECTRICAL UPGRADES, AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$13,125,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$13,125,000 is hereby appropriated to update the headworks facilities at the Rocky Hill Water Pollution Control Facility, including, but not limited to, the replacement of the bar screen and grit removal equipment. The appropriation may also be expended for mechanical, electrical, structural and architectural improvements, design, inspection and construction costs, engineering and professional fees, instrumentation, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$13,125,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 9

RESOLUTION APPROPRIATING \$4,000,000 FOR THE GENERAL PURPOSE WATER PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$4,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$4,000,000 is hereby appropriated for the planning, design and construction of the replacement and/or rehabilitation of aging water mains and related system-wide equipment/infrastructure improvements, including electrical, mechanical or renewable energy upgrades at District facilities, water modeling, master planning and the integration of SCADA and data collection/evaluation systems, design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$4,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 10

RESOLUTION APPROPRIATING \$4,500,000 FOR WATER TREATMENT PROGRAM INFRASTRUCTURE, REHABILITATION, UPGRADES AND REPLACEMENTS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$4,500,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$4,500,000 is hereby appropriated for design and construction costs related to improvements and upgrades to the District's three Water Treatment Facilities, including the repair and replacement of filter underdrain systems, inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$4,500,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 11

RESOLUTION APPROPRIATING \$800,000 FOR THE ADVANCED METER READING PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$800,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$800,000 is hereby appropriated to standardize and replace water meters and meter reading devices in the District and technology upgrades, including design, construction and inspection costs, engineering and professional fees, materials, equipment, technology, meters, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$800,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 12

RESOLUTION APPROPRIATING \$8,570,000 FOR REPLACEMENTS TO VARIOUS WATER MAINS IN EAST HARTFORD AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$8,570,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$8,570,000 is hereby appropriated for the replacement of various small diameter water mains and other infrastructure in residential East Hartford roads, including design, construction and inspection costs,

engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$8,570,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 13

RESOLUTION APPROPRIATING \$3,000,000 FOR THE PURCHASE OF WATER MAIN MATERIALS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$3,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$3,000,000 is hereby appropriated for the purchase of various water main materials to support the replacement of water mains in the District, including but not limited to, water mains associated with the Accelerated Water Main Replacement Program, Sisson Avenue Area Water Main Replacement, Silas Deane Water Main Replacement, Ellington Road Water Improvements, and Deerfield, Chadwick and Goodwin Water Main Replacement. The appropriation may also be expended for design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$3,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 14

RESOLUTION APPROPRIATING \$5,250,000 FOR THE PAVING PROGRAM AND ROAD RESTORATION AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,250,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,250,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by work performed on District water infrastructure projects, including design, construction and inspection costs, engineering and professional fees, materials, costs related to the disposal of unsuitable materials and the usage of material from stock, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$5,250,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 15

RESOLUTION APPROPRIATING \$1,000,000 FOR RAW WATER TREATMENT AND TRANSMISSION IMPROVEMENTS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,000,000 is hereby appropriated for the design and construction of improvements to the raw water supply pipelines and related appurtenances, such as blowoffs and manholes, including design, construction and

inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 16

RESOLUTION APPROPRIATING \$263,000 FOR LEVEE PROTECTION AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$263,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$263,000 is hereby appropriated for construction and inspection costs for the placing of isolation valves outside Bulkeley Bridge and the I-84 Highway, including design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$263,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 17

RESOLUTION APPROPRIATING \$14,500,000 FOR THE DISTRICT WIDE WATER MAIN REPLACEMENT PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$14,500,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$14,500,000 is hereby appropriated for design and construction costs for the rehabilitation and/or replacement of various water mains and water services throughout the District, including inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$14,500,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project 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 ("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 and subsidy 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 18

RESOLUTION APPROPRIATING \$2,100,000 FOR THE 2023 INFORMATION TECHNOLOGY INFRASTRUCTURE PROJECT AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$2,100,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$2,100,000 is hereby appropriated to upgrade District wide infrastructure by implementation of a data center load balancer hardware refresh, Hartford and Springfield data center server refresh, IT firewall refresh, SCADA firewall refresh, Wireless LAN controller and wireless AP refresh and telecom closet refresh. The appropriation may also be expended for materials, equipment, professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$2,100,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 19

RESOLUTION APPROPRIATING \$3,040,000 FOR FLEET AND EQUIPMENT REPLACEMENTS AND UPGRADES AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$3,040,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$3,040,000 is hereby appropriated for the replacement and/or upgrades to the District's transportation and power operated equipment fleet and related components, including vehicles, equipment, materials, professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$3,040,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 20

RESOLUTION APPROPRIATING \$267,500 FOR THE REPLACEMENT OF GENERATORS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$267,500 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$267,500 is hereby appropriated for the replacement of generators to support the District's pump stations, including inspection costs, professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects.

Section 2. To finance said appropriation, \$267,500 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 21

RESOLUTION APPROPRIATING \$1,050,000 FOR FACILITIES AND EQUIPMENT IMPROVEMENTS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,050,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,050,000 is hereby appropriated for design and construction costs related to improvements at various District facilities, including design, construction, structural, architectural and inspection costs, engineering fees, mechanical, electrical and plumbing costs, fire protection costs, HVAC improvements and upgrades, security and site improvements, environmental abatement costs, professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,050,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 22

RESOLUTION APPROPRIATING \$3,645,000 FOR ENGINEERING SERVICES STAFFING AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$3,645,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$3,645,000 is hereby appropriated for engineering services staffing for the development and design 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, including professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$3,645,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 23

RESOLUTION APPROPRIATING \$3,830,000 FOR CONSTRUCTION SERVICES STAFFING AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$3,830,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$3,830,000 is hereby appropriated for construction services staffing for the management 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, professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$3,830,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 24

RESOLUTION APPROPRIATING \$4,360,000 FOR TECHNICAL SERVICES STAFFING AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$4,360,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$4,360,000 is hereby appropriated for technical services staffing to provide technical support for the District's capital improvement projects, clean water projects and Integrated Plan 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, including professional fees, legal fees, financing costs, interest expense on temporary borrowings and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$4,360,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 25

RESOLUTION APPROPRIATING \$2,000,250 FOR THE GOODWIN HYDROELECTRIC CONTROLS UPGRADE PROJECT AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$2,000,250 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$2,000,250 is hereby appropriated for the Goodwin Hydroelectric Controls Upgrade Project, including design and construction upgrades to the electrical, instrumentation and controls systems, the installation of a new governor system, the replacement of hydraulic power units, electrical/controls replacements, and various appurtenant work related to these modifications. The appropriation may also be expended for design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the project. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$2,000,250 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 26

RESOLUTION APPROPRIATING \$8,925,000 FOR VARIOUS SEWER PIPE REPLACEMENTS AND REHABILITATIONS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$8,925,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$8,925,000 is hereby appropriated for the 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 within the District, including upgrades to District equipment, electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at wastewater treatment facilities. The appropriation may also be expended for water main replacements, inspection costs, engineering and professional fees, materials, the replacement, rehabilitation and upgrade of District's transportation and power operated equipment fleet and related components, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$8,925,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 27

RESOLUTION APPROPRIATING \$16,170,000 FOR THE LARGE DIAMETER SEWER REHABILITATION PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$16,170,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$16,170,000 is hereby appropriated for the rehabilitation of large diameter sewers (combined and separated) located within the Hartford Water Pollution Control Facility sewershed, including design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$16,170,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 28

RESOLUTION APPROPRIATING \$5,025,000 FOR IMPROVEMENTS TO SEWER COLLECTION SYSTEM GATES AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,025,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,025,000 is hereby appropriated for improvements to existing sanitary sewer collection system gates, including design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$5,025,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 29

RESOLUTION APPROPRIATING \$945,000 FOR THE ELIMINATION AND N-18 & N-19 SEWERSHED INFLOW AND INFILTRATION REDUCTION FROM THE SANITARY SEWER SYSTEM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$945,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$945,000 is hereby appropriated for the elimination and reduction of inflow and infiltration sources from the sanitary sewer system, including I/I reduction in Newington. The appropriation may also be expended for design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$945,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 30

RESOLUTION APPROPRIATING \$1,200,000 FOR THE ROCKY HILL 2A/B SEWERSHED INFLOW/INFILTRATION REDUCTION PROJECT AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,200,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,200,000 is hereby appropriated for the elimination and reduction of inflow and infiltration sources from the Rocky Hill Water Pollution Control Facility sewershed, including design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,200,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 31

RESOLUTION APPROPRIATING \$200,000 FOR THE REHABILITATION AND REPLACEMENT OF SEWERS IN THE HARTFORD POLLUTION CONTROL FACILITY SEWERSHED AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$200,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$200,000 is hereby appropriated for the rehabilitation and/or replacement of sewers (combined and separated) within the Hartford Water Pollution Control Facility sewershed, including design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$200,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 32

RESOLUTION APPROPRIATING \$1,000,000 FOR THE DESIGN OF THE SEWER SEPARATION PROJECT IN THE NORTH BRANCH PARK RIVER DRAINAGE AREA AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,000,000 is hereby appropriated for the preliminary design for the sewer separation project in the North Branch Park River drainage area, including construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 33

RESOLUTION APPROPRIATING \$1,800,000 FOR THE FINAL DESIGN PHASE FOR THE GRANBY 7 SEWER SEPARATION PROJECT IN THE NORTH BRANCH PARK RIVER DRAINAGE AREA AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,800,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,800,000 is hereby appropriated for the final design phase for the Granby 7 sewer separation project in the North Branch Park River drainage area, including construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,800,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 34

RESOLUTION APPROPRIATING \$4,000,000 FOR PROJECT MANAGEMENT CONSULTANTS AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$4,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$4,000,000 is hereby appropriated for project management consultants, including legal fees, financing costs, professional fees, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$4,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be

eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 35

RESOLUTION APPROPRIATING \$525,000 FOR THE FINAL DESIGN FOR THE WETHERSFIELD COVE, DROP SHAFT CONNECTIONS PROJECT AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$525,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$525,000 is hereby appropriated for the final design for the Wethersfield Cove, Drop Shaft Connections project (Phase 1 and Phase 2), including construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$525,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 36

RESOLUTION APPROPRIATING \$5,000,000 FOR UPGRADES TO THE HARTFORD WATER POLLUTION CONTROL FACILITY SLUDGE EQUALIZATION FACILITIES AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$5,000,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$5,000,000 is hereby appropriated for upgrades to the Sludge Equalization Facilities at the Hartford Water Pollution Control Facility, including mechanical, electrical, structural and architectural costs, design, construction and inspection costs, engineering, architectural and professional fees, instrumentation, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$5,000,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.

2023 CAPITAL IMPROVEMENT PROGRAM PROJECT RESOLUTION NO. 37

RESOLUTION APPROPRIATING \$1,500,000 FOR THE PRIVATE PROPERTY INFLOW DISCONNECT/BACK WATER VALVE PROGRAM AND AUTHORIZING THE ISSUANCE OF BONDS OR NOTES OF THE DISTRICT IN AN AMOUNT NOT TO EXCEED \$1,500,000 TO FINANCE SAID APPROPRIATION

Section 1. The sum of \$1,500,000 is hereby appropriated for the private property inflow disconnect/back water valve program, including inspection costs, installation and replacement costs, design, inspection and construction costs, engineering, architectural and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

Section 2. To finance said appropriation, \$1,500,000 of bonds or notes of the District are authorized to be issued 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. The form, date, maturities and other details of such authorized but unissued bonds or notes shall be hereafter determined by the District Board acting in accordance with the District's Charter.

Section 3. The Chairman or the Vice Chairman and the Treasurer or 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 the project and are further authorized to expend said funds in accordance with the terms thereof. To meet any portion of the costs of the project determined by the State of Connecticut Department of Energy and Environmental Protection to be eligible for funding under Section 22a-475 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 ("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 project 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 the Vice Chairman and the Treasurer or 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 thereto 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.



The Metropolitan District

water supply · environmental services · geographic information

ORDINANCE REVISIONS

COMMITTEE ON MDC GOVERNMENT ORDINANCE REVISIONS

To: Committee on MDC Government for consideration on December 5, 2022

District staff through the Office of District Counsel submits the following ordinance revisions to The Metropolitan District Ordinances for consideration by the District Board.

WATER SUPPLY ORDINANCES:

§ W1a "WATER USED CHARGE (TREATED WATER)"

§ W1f "SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS"

SEWER ORDINANCES:

§ S1b "DEFINITIONS"

§ S2j "ENTRY FOR INSPECTION"

§ S2k "SUBMISSION OF PLANS FOR SAMPLING WELLS AND OTHER DEVICES"

§ S2n "USE OF STORM DRAINS"

§ S2p "USE OF AUXILIARY OR RELIEF DRAINS"

§ S2s "STATE OF CT GENERAL PERMIT FOR DISCHARGES FROM MISCELLANEOUS INDUSTRIAL USERS"

§ S2t "REQUIRED WASTEWATER DISCHARGE PERMIT(S)"

§ S2w "NEW OR MODIFIED STORM WATER (INFLOW) CONNECTIONS" (NEW)

§ S3s "MAINTENANCE OF SEWER CONNECTIONS"

§ S8a "AGREEMENTS WITH DEVELOPERS AUTHORIZED"

§ S12x "SPECIAL SEWER SERVICE CHARGE FOR CAPITAL IMPROVEMENTS TO THE SEWER SYSTEM"

It is **RECOMMENDED** that it be:

VOTED: That the Committee on MDC Government approves passage of the following resolution:

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

PROPOSED REVISIONS TO WATER SUPPLY ORDINANCES

SEC. W1a WATER USED CHARGE (TREATED WATER)

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

BILLS RENDERED MONTHLY

RATE

~~\$4.09~~ **\$3.80** per 100 Cubic Feet

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

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

BILLS RENDERED MONTHLY

RATE

~~\$4.09~~ **\$3.80** per 100 Cubic Feet

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

BILLS RENDERED MONTHLY

RATE

~~\$3.34~~ **\$3.05** per 100 Cubic Feet

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

BILLS RENDERED MONTHLY

RATE

~~\$4.09~~ **\$3.80** per 100 Cubic Feet

SEC. W1f SURCHARGE OUTSIDE THE METROPOLITAN DISTRICT FOR CAPITAL IMPROVEMENTS

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

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

Farmington

SIZE OF METER **MONTHLY BILLING**

5/8"	\$2.26
1"	\$4.52
1 1/2"	\$9.04
2"	\$169.44
3"	\$395.36
4"	\$677.76
6"	\$903.68
8"	\$2,259.20

Glastonbury

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	\$1.76
3/4"	\$2.64
1"	\$3.53
1 1/2"	\$7.05
2"	\$132.24
3"	\$308.55
4"	\$528.95

South Windsor

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	\$1.33
3/4"	\$2.00
1"	\$2.67
1 1/2"	\$5.33
2"	\$99.95
3"	\$233.21
4"	\$399.79
6"	\$533.05

Manchester

<u>SIZE OF METER</u>	<u>MONTHLY BILLING</u>
5/8"	\$2.84
1"	\$5.68
3"	\$496.79
6"	\$1,135.52

MONTHLY BILLING				
Size of Meter	Farmington	Glastonbury	South Windsor	Manchester
5/8"	\$1.84	\$1.63	\$1.46	\$2.79
3/4"		\$2.44	\$2.19	
1"	\$3.68	\$3.25	\$2.92	\$5.57
1 1/2"	\$7.36	\$6.50	\$5.85	
2"	\$138.08	\$121.93	\$109.67	
3"	\$322.20	\$284.51	\$255.90	\$487.54
4"	\$552.33	\$487.73	\$438.68	
6"	\$736.45		n/a	\$1,114.38
8"	\$1,841.12			

PROPOSED REVISIONS TO SEWER ORDINANCES

SEC. S1b DEFINITIONS

(NEW) (22) “Inflow” shall mean water other than wastewater that enters a sewer system (including sewer service connections) from direct and indirect sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, drainage, or clean water from local, state and federal regulated Industrial Users and stormwater dischargers permitted to discharge to public water course.

SEC. S2j ENTRY FOR INSPECTION

The Manager or Chief Engineer, or any authorized representative of either of them, shall have the right to enter and inspect any part of any premises served by the public sewers and drains of said District upon which there may be reason to believe that violations of the requirements of this ordinance have occurred or are likely to occur, for the purpose of ascertaining facts as to such violation or suspected violation, or of obtaining samples of wastes, substances or waters being discharged into sewers or drains, or of inspecting devices provided to exclude such prohibited discharges or otherwise treat or control the waste, substances or waters being discharged. The District Board may establish and revise fees for said inspection activities, registrations and violations.

SEC. S2k SUBMISSION OF PLANS FOR SAMPLING WELLS AND OTHER DEVICES

To facilitate compliance with the requirements of this section, the Manager or Chief Engineer of the Bureau of Public Works may require that the owner or party applying for a permit to install a new connection to any sewer or drain, or to alter or extend an existing house connection shall, in any case where a sampling well, oil or grease trap or separator, diluting device, storm water management device or control measure, or similar appurtenance is or may be required, furnish to said Manager or Chief Engineer as part of the application for said permit a plan or satisfactory description, or both, of the device (of whatever kind) which it is proposed to provide in accordance with the requirements of this section and description of the proposed operation thereof. Said plan, description, or both, shall become part of said application and the installation of the device in accordance therewith shall be a condition attached to the granting of said permit.

The issuance of any permit by the District does not constitute any express or implied warranty, guarantee or representation that any such devices or control measures will perform satisfactorily; or prevent flooding, surcharges, or backups within a property or nearby properties. Storm water management devices shall be furnished and maintained in accordance with any applicable local municipal, state and federal requirements. The local municipal agencies shall govern the monitoring and maintenance of storm water management devices and enforcing compliance by the Owner of said premises with applicable regulations.

No permit will be issued until all local municipal, state and federal requirements and approvals are satisfied.

SEC. S2n USE OF STORM DRAINS

Storm water drains, also referred to as storm drains, storm sewers, conduits or similar terms, are in general intended to be used for conveying surface and storm waters from streets, yards and other ground surfaces, from roofs and other places. They may also be used for conveying subsoil drainage waters, the flow of natural springs, ground water, surplus from flowing wells, clean cooling water as defined in Section S1b(5) of this ordinance, and, subject to approval by the Manager, inoffensive industrial wastes. Such discharges are subject to any applicable fees as established and revised by the District Board

New or modified connections to drains shall not adversely affect the capacity, or operation, of the District's storm water system nor increase the frequency of flooding, surcharges or backups. When diversion of storm or surface waters to a storm drain cannot be made to avoid damage or injury to said property and its occupants and to others, the owners of said property shall install public storm drains in accordance with applicable regulations without expense or cost to the District. The District will not take ownership of said new public storm drains.

SEC. S2p USE OF AUXILIARY OR RELIEF DRAINS

When and/or where, because an existing combined sewer was not adequate to carry the storm water runoff from its tributary area, an auxiliary storm drain or overflow sewer has been built to divert storm water from the combined sewer or to dispose of the excess flow in a combined sewer and such auxiliary storm drain or overflow sewer is conveniently located with respect to any piece of property, the Manager of the Bureau of Public Works may, if he deems it to be in the public interest to do so, require that when a new building is erected upon said property adjacent to said auxiliary drain or overflow sewer or when an existing building is extensively remodeled in whole or in part, the storm or roof and other clean or unpolluted waste waters from said building or parts thereof shall be kept separate from the sanitary and other wastes from such building and that the storm, roof and surface water from said building shall be discharged into the said storm drain or overflow sewer, and that other wastes shall be discharged into the combined sewer, all of which shall be done irrespective of any rights to use the combined sewer which the owners of said property may have had prior to the construction of the auxiliary storm drain or overflow sewer. Such diversion of storm or roof waters to the auxiliary storm drain or overflow sewer shall be made to avoid damage or injury to said property and its occupants and to others by the discharge of storm water into the existing combined sewer in excess of the capacity of such combined sewer to safely carry away the quantities of water which might otherwise be discharged into it, and said diversion shall be made, without compensation for the cost thereof, by the owners of the property in question. When such diversion of storm or roof waters to auxiliary storm drain or overflow sewer cannot be made to avoid damage or injury to said property and its occupants and to others, the owners of said property shall install public storm drains in accordance with applicable regulations without expense or cost to the District. The District will not take ownership of said new public storm drains.

SEC. S2s STATE OF CT GENERAL PERMIT FOR DISCHARGES FROM MISCELLANEOUS INDUSTRIAL USERS

No person or property owner shall discharge or permit to be discharged, directly or indirectly, from any premises under his/her control into any public sewer of any kind or type, any new discharge of miscellaneous sewer compatible wastewater subject to the State of Connecticut Department of Energy & Environmental Protection's ("CT DEEP") General Permit for Discharges from Miscellaneous Industrial Users ("MIU General Permit") without first submitting the required notification form under the MIU General Permit to the District. All notification form submittals to the District under the MIU General Permit shall include an administrative review fee as established, and amended or modified, by the District Board. No variances shall be granted by the District to any discharger under the MIU General Permit unless the discharger has taken actions to achieve compliance and has implemented best management practices that are determined to be appropriate by the District. For any person or property owner requesting a variance, under the CT DEEP Significant Industrial User (SIU) General Permit and/or other applicable state permit(s) they shall provide information to the District as to why the discharger is unable to comply with the conditions of the permit and the best management practices that have been implemented. The District retains the right to deny any variance request. The District Board may establish and revise fees for said inspection activities, registrations, variances and violations.

SEC. S2t REQUIRED WASTEWATER DISCHARGE PERMIT(S)

No person or property owner shall discharge any new sources of non-domestic wastewater conveyed to the District Water Pollution Control facilities through its sanitary sewerage system or by any means other than its sanitary sewage system unless the generator of such wastewater; (a) is authorized by a permit issued by the CT DEEP under Section 22a-430 CGS (individual permit), or, (b) is authorized under Section 22a-430b (general permit), or, (c) has been issued an emergency or temporary authorization. All permits must also be approved by MDC. The District Board may establish and revise fees for said inspection activities, registrations, variances and violations.

SEC. S2w NEW OR MODIFIED STORM WATER (INFLOW) CONNECTIONS (NEW)

- (1) No new inflow sources or discharges shall be permitted to connect to a combined sewer or storm sewer tributary to a combined sewer. Any property to be (re)developed which may alter the manner, volume or rate of storm water discharge or inflow to the District's sewer system must submit a permit application to the District's Utility Services Department. Modified storm water and inflow connections to combined or storm sewers may be permitted only after a determination by the District that sufficient capacity is available within the combined or separated storm sewer system. The District Board may establish and revise fees for said permit required by this ordinance.
- (2) The District may require the applicant to submit design and analysis by a licensed professional engineer including direct and indirect peak discharge rates and total runoff volumes from proposed connections. The direct and indirect peak discharge rates and total runoff volumes shall not exceed pre-development conditions, nor downstream sewer system capacity design, for 24-hour storms with average recurrence intervals of 1, 2, 10, 25, and 100 years. If the Applicant or District determine that the discharge rates and volume standards are not achievable, the Applicant may, in consultation with the District, perform a comprehensive hydraulic analysis of the catchment area to assess the effects that the increased discharge rates will have on the existing pipe network including an evaluation of potential pipe surcharging and localized flooding upstream and downstream of the connection. The District will not approve new or modified discharges that increase the potential for pipe surcharging or street flooding. No permit will be issued until all local municipal, state and federal requirements and approvals are satisfied.
- (3) If a storm sewer is tributary to infrastructure or facilities owned by others, such as the City of Hartford Flood Control Commission or the Connecticut Department of Transportation, the Applicant must first seek written permission from the other entity for the increased discharge that the separate entity will ultimately receive.
- (4) The District may also consider, on a case-by-case basis and in consultation with the affected municipality, allowing increased flows in the post-development condition if it can be shown that the municipality has, per requirements of its MS4 permit, achieved and documented an equivalent reduction in discharge to the District's sewers or drains within the same drainage district as a result of the disconnection of Directly Connected Impervious Areas (DCIA). The new or modified connection shall not exacerbate combined sewer overflows (CSOs) or street flooding, regardless of any offsetting reductions at other locations.

SEC. S3s MAINTENANCE OF SEWER CONNECTIONS

All sewer house connections on private property shall be maintained by, and at the expense of, the property owner, subject to Section S3i. When a sewer house connection is in need of replacement or lining, or for a new house connection to the District's sewer, the property owner may at his or her election, request to participate in the District's sewer installation program as established by the Bureau of Public Works, as may be modified or amended from time to time. The sewer installation program provides property owners with

the ability to pay for house connection replacement, lining or installation over time as part of their monthly water bill.

For a privately-owned storm sewer or drain, a property owner may request for the District to clean and/or maintain the sewer and its appurtenances such as catch basins. The District Board may establish and revise fees for said cleaning or maintenance of privately-owned sewers or drains. As to publicly-owned catch basins, to the extent the District is compelled to clean and/or maintain such catch basins more frequently than otherwise required in any local, state or federal permit as a result of a public entities failure to comply with its obligations under its Municipal Separate Storm Sewer System Permit (MS4 Permit), the District may establish and revise a per catch basin fee for each cleaning/maintenance activity beyond that required in its permit.

SEC. S8a AGREEMENTS WITH DEVELOPERS AUTHORIZED

The Bureau of Public Works is authorized to empower the District Clerk or designee to enter into agreements on behalf of The Metropolitan District with developers, contractors or other owners of land for the construction of sewers or drains by and at the expense of such developers, contractors or owners, which sewers may become part of the public sewer system under the conditions hereinafter stipulated, and the said Bureau is empowered to make, from time to time, any necessary regulations stipulating the terms and conditions of said agreements not inconsistent with the provisions of this ordinance.

Effective January 1, 2023, a storm sewer or drain constructed by developers, contractors or owners of land may be connected to the District's system only if there is sufficient capacity in the District's downstream system but the District will not take ownership over said sewer(s) or drain(s). Said sewer(s) or drain(s) shall remain the property of the developers, contractors, owners, or other entity; or ownership may be transferred to the municipality in which it is located. When an existing District storm sewer or drain is available to a property but said sewer lacks sufficient capacity to serve the property; a developer, contractor or owner may, at its own cost, enlarge the existing District storm sewer or drain under a developer's agreement and the District will retain ownership of such enlarged storm sewer or drain.

The Chairman or Vice Chairman of the Bureau of Public Works is authorized to sign all such agreements on behalf of the District. The Chairman of the Bureau of Public Works may, at his or her discretion, authorize the District Clerk to sign all such agreements on behalf of the District. The terms and the text of a standard form of agreement for work under this ordinance or any variations of said standard form to apply to any particular project thereunder shall be as approved by the District Counsel. In cases where, in staff's opinion, special circumstances are involved, the Administration must bring the matter to the Bureau of Public Works for approval.

SEC. S12x SPECIAL SEWER SERVICE CHARGE FOR ~~CAPTIAL~~ CAPITAL IMPROVEMENTS TO THE SEWERAGE SYSTEM

~~a.)~~ (1) For customers of The Metropolitan District who utilize the District sewer system and are furnished water directly by The Metropolitan District there shall be a special sewer service charge at rates established annually through the budget approval process as set forth in Chapter 3 of the Charter of The Metropolitan District. Except as provided in subsection S12x(b), and S12x(c), and S12(d) said rates shall be uniformly applied to, and be proportional to the quantity of water used by, the affected customers.

~~b.)~~ (2) Notwithstanding the foregoing, The Metropolitan District may, through its annual budget, allow for a reduction in the special sewer service charge otherwise payable by owners of commercial or industrial properties in the event said properties, and the commercial or industrial operations located thereon, are serviced, in whole or in part, by an on-site wastewater collection, treatment, and disposal system that does not discharge into the sanitary sewage system of The Metropolitan District. The amount of said reduction shall be based upon the sewer usage metered and reported pursuant to Section S12e

and determined by the Board of Commissioners of The Metropolitan District during its annual budget approval process for any ensuing year.

~~e.)~~ (3) Customers subject to the provisions of this Section 12x, other than customers subject to Subsection S12x(b) above, shall be subject to the special sewer service charge as follows: 1) for the first 24,060 hundred cubic feet of water consumed from a single water meter per month, the special sewer service charge shall be assessed at the rate established by The Metropolitan District against each one hundred cubic feet of water consumed; and 2) for all water consumed in excess of 24,060 hundred cubic feet per month from a single water meter, the special sewer service charge shall be assessed at such rate against each one hundred cubic feet of sewer flow generated by the water used in excess of 24,060 hundred cubic feet per month metered at a location approved by the Metropolitan District. This excess sewer flow shall be calculated via the proportion of sewage discharged to water consumed for the month, with this proportion applied to the volume of water consumed in excess of 24,060 hundred cubic feet per month and billed pursuant to Section S12f. The special sewer service charge assessed pursuant to this subsection shall be billed monthly.

~~d.)~~ (4) The proceeds from the special sewer service charge, as aforesaid, shall be used exclusively for capital costs associated with any and all measures necessary to comply with: (a) a certain consent decree executed by and between The Metropolitan District and the United States Environmental Protection Agency in a case filed on August 15, 2006 in the United States District court for the District of Connecticut captioned United States of America and State of Connecticut vs. The Metropolitan District of Hartford, Connecticut; (b) and a certain consent order (Consent Order No. 5434) executed by and between The Metropolitan District and the State of Connecticut on or about November 6, 2006 relating to the reduction of combined sewer overflows; (c) the reduction of nitrogen discharged from District Wastewater Treatment Facilities as required by State of Connecticut Department of Environmental Protection Nitrogen General Permit issued December 21, 2005 October 5, 2018; and (d) a certain consent order (Consent Order No. COWRMU22002) executed by and between The Metropolitan District and the State of Connecticut relating to the implementation of an integrated planning concept dated September 12, 2022, as such decree and order~~s~~ may be amended from time to time, and specifically for payment of capital expenditures in connection with compliance with the decree or order~~s~~, or payment of debt service on indebtedness of The District incurred for purposes of funding expenditures in connection with compliance with such decree and order~~s~~. For this purpose “indebtedness” shall mean bonds, notes and other loans and obligations, including, without limitation, State of Connecticut Clean Water Fund loans, and “Debt service” shall mean: (i) any obligation that would constitute “debt service” if incurred with respect to bonds issued under the special obligation indenture of trust, dated June 1, 2013, between The District and U.S. Bank National Association, as trustee, as amended and supplemented from time to time, as the term “debt service” is used in such indenture, whether or not such obligation is incurred with respect to indebtedness under such indenture; and (ii) any obligation of The Metropolitan District incurred in furtherance of compliance with Consent Order No. COWRMU22002, including, but not limited to, any indebtedness incurred or capital expenditures made pursuant to Public Act No. 15-114.

~~e.)~~ (5) The special sewer service charge shall appear separately on the water bills of the District and shall be due and payable at the same time as the water bills are due and payable. Collection and payment of such charge shall be subject to and in accordance with sections S12m, S12n, and S12o of this part.



The Metropolitan District
water supply · environmental services · geographic information

PROPOSED 2023 BUDGET

2023

Proposed Annual Budget

Revised as of 10/26/22



The Metropolitan District
Hartford, CT

Budget Summary

Revenue & Expenditure Summary

The Proposed District's budget for 2023 totals \$204,745,467, a \$4,303,508 or a 2.1% decrease from the appropriation level adopted in support of 2022 operations and programs. The following table summarizes the proposed 2023 operating revenues and expenditures for the District's Water and Sewer operations.

	2021 Actual	2022 Adopted	2022 Projected	2023 Proposed
<u>Water Revenues</u>				
Sale of Water	\$95,136,557	\$96,552,254	\$96,612,827	\$91,459,085
Other Operating Revenue	8,350,089	8,494,100	8,744,474	8,871,900
Subtotal Operating Revenue	103,486,646	105,046,354	105,357,301	100,330,985
Non-Operating Revenues	1,617,967	2,401,119	2,292,045	2,364,497
Contributions from Other Funds	-	1,400,000	800,000	4,795,335
Subtotal Non-Operating Revenue	1,617,967	3,801,119	3,092,045	7,159,832
Total Water Revenue	105,104,613	108,847,473	108,449,346	107,490,817
<u>Sewer Revenues</u>				
Tax on Member Municipalities	\$51,475,700	\$53,076,600	\$53,076,600	\$53,076,600
Revenue for Other Gov't Agencies	11,070,994	10,931,000	10,386,266	11,931,000
Other Sewer Revenues	16,426,081	18,212,000	18,574,424	12,429,321
Sewer User Charge Revenues	11,329,083	13,301,902	11,586,283	11,584,900
Subtotal Operating Revenue	90,301,858	95,521,502	93,623,573	89,021,821
DEEP Contingency	-	1,980,000	1,980,000	1,980,000
Contributions from Other Funds	-	2,700,000	2,700,000	6,252,829
Subtotal Non-Operating Revenue	-	4,680,000	4,680,000	8,232,829
Total Sewer Revenues	90,301,858	100,201,502	98,303,573	97,254,650
Total Water and Sewer Revenues	\$195,406,471	\$209,048,975	\$206,752,919	\$204,745,467
<u>Expenditures</u>				
District Board	\$348,714	\$525,500	\$525,500	\$525,500
Executive Office	2,438,390	3,073,067	3,073,067	3,222,283
Legal	1,216,657	1,475,670	1,475,670	1,504,634
Administrative Office	1,188,646	994,406	805,906	656,660
Finance	5,382,438	6,024,159	5,528,726	6,188,714
Information Technology	8,123,192	8,874,980	8,742,280	9,335,328
Engineering and Planning	908,077	1,093,132	1,027,000	1,073,777
Water Treatment & Supply	7,000,555	8,101,154	7,580,100	9,292,383
Water Pollution Control	16,341,011	20,573,002	19,136,125	21,537,206
Laboratory Services	1,408,957	1,579,554	1,329,120	1,579,289
Maintenance	10,022,212	12,485,281	10,738,844	12,707,413
Operating Office	732,120	765,354	765,354	871,442
Environment, Health & Safety	814,446	980,718	929,000	1,013,244
Command Center	4,037,375	4,419,995	4,326,995	6,059,793
Operations	11,515,066	13,074,234	13,707,734	14,194,647
Patrol	1,311,532	1,470,957	1,331,208	1,453,642
Debt Service	68,273,445	69,016,800	71,218,639	74,427,401
Employee Benefits	35,297,020	37,216,674	37,216,674	26,065,489
General Insurance	6,042,313	6,230,238	6,230,238	2,229,737
Taxes and Fees	3,514,420	3,810,500	3,600,000	3,810,500
Special Agr. and Programs	3,507,708	5,283,600	4,622,600	5,016,385
Contingencies	-	1,980,000	1,980,000	1,980,000
Total Water and Sewer Budget	\$189,424,294	\$209,048,975	\$205,890,780	\$204,745,467

Budget Summary

Revenue & Expenditure Summary

The following table summarizes the revenues and expenditures for the District's Sewer operations.

	2021 Actual	2022 Adopted	2022 Projected	2023 Proposed
<u>REVENUES</u>				
Tax on Member Municipalities	\$51,475,700	\$53,076,600	\$53,076,600	\$53,076,600
Revenue for Other Gov't Agencies	11,070,994	10,931,000	10,386,266	11,931,000
Other Sewer Revenues	16,426,081	18,212,000	18,574,424	12,429,321
Sewer User Charge Revenues	11,329,083	13,301,902	11,586,283	11,584,900
Subtotal	90,301,858	95,521,502	93,623,573	89,021,821
DEEP Contingency	-	1,980,000	1,980,000	1,980,000
Contributions from Other Funds	-	2,700,000	2,700,000	6,252,829
Subtotal	-	\$4,680,000	\$4,680,000	\$8,232,829
Total Revenue	\$90,301,858	\$100,201,502	\$98,303,573	\$97,254,650
<u>EXPENDITURES</u>				
District Board	\$170,900	\$257,500	\$257,500	\$257,500
Executive Office	1,158,490	1,505,900	1,505,900	1,578,900
Legal	592,957	723,100	723,100	737,300
Administrative Office	582,400	487,300	394,900	321,800
Finance	2,515,178	2,951,900	2,709,100	3,032,400
Information Technology	2,493,197	2,928,700	2,884,900	3,080,600
Engineering and Planning	446,792	535,600	503,200	526,100
Water Pollution Control	16,341,011	20,573,002	19,136,125	21,537,206
Laboratory Services	636,820	758,200	638,000	758,000
Maintenance	4,445,982	6,117,900	5,262,000	6,226,600
Operating Office	358,700	375,000	375,000	427,000
Environment, Health & Safety	352,629	480,600	455,200	496,400
Command Center	1,305,554	1,502,800	1,471,200	2,060,300
Operations	2,699,217	3,268,600	3,427,000	3,548,700
Debt Service	36,090,300	35,117,500	35,117,500	36,248,080
Employee Benefits	15,883,700	16,747,500	16,747,500	11,729,500
General Insurance	2,416,900	2,492,100	2,492,100	891,900
Special Agr. and Programs	1,301,848	1,398,300	1,418,300	1,816,364
Contingencies	-	1,980,000	1,980,000	1,980,000
Total Expenses	\$89,792,575	\$100,201,502	\$97,498,525	\$97,254,650

Budget Summary

Revenue & Expenditure Summary

The following table summarizes the revenues and expenditures for the District's Water operations.

	2021 Actual	2022 Adopted	2022 Projected	2023 Proposed
<u>REVENUES</u>				
Sale of Water	\$95,136,557	\$96,552,254	\$96,612,827	\$91,459,085
Other Operating Revenues	8,350,089	8,494,100	8,744,474	8,871,900
Subtotal	\$103,486,646	\$105,046,354	\$105,357,301	\$100,330,985
Non-Operating Revenues	1,617,967	2,401,119	2,292,045	2,364,497
Contributions from Other Funds	-	1,400,000	800,000	4,795,335
Total Revenue	\$105,104,613	\$108,847,473	\$108,449,346	\$107,490,817
<u>EXPENDITURES</u>				
District Board	\$177,814	\$268,000	\$268,000	\$268,000
Executive Office	1,279,900	1,567,167	1,567,167	1,643,383
Legal	623,700	752,570	752,570	767,334
Administrative Office	606,246	507,106	411,006	334,860
Finance	2,867,260	3,072,259	2,819,626	3,156,314
Information Technology	5,629,995	5,946,280	5,857,380	6,254,728
Engineering and Planning	461,285	557,532	523,800	547,677
Water Treatment & Supply	7,000,555	8,101,154	7,580,100	9,292,383
Laboratory Services	772,137	821,354	691,120	821,289
Maintenance	5,576,230	6,367,381	5,476,844	6,480,813
Operating Office	373,420	390,354	390,354	444,442
Environment, Health & Safety	461,817	500,118	473,800	516,844
Command Center	2,731,821	2,917,195	2,855,795	3,999,493
Operations	8,815,849	9,805,634	10,280,734	10,645,947
Patrol	1,311,532	1,470,957	1,331,208	1,453,642
Debt Service	32,183,145	33,899,300	36,101,139	38,179,321
Employee Benefits	19,413,320	20,469,174	20,469,174	14,335,989
General Insurance	3,625,413	3,738,138	3,738,138	1,337,837
Taxes and Fees	3,514,420	3,810,500	3,600,000	3,810,500
Special Agr. and Programs	2,205,860	3,885,300	3,204,300	3,200,021
Total Expenses	\$99,631,719	\$108,847,473	\$108,392,255	\$107,490,817

Budget Summary

Expenditures: Changes by Department

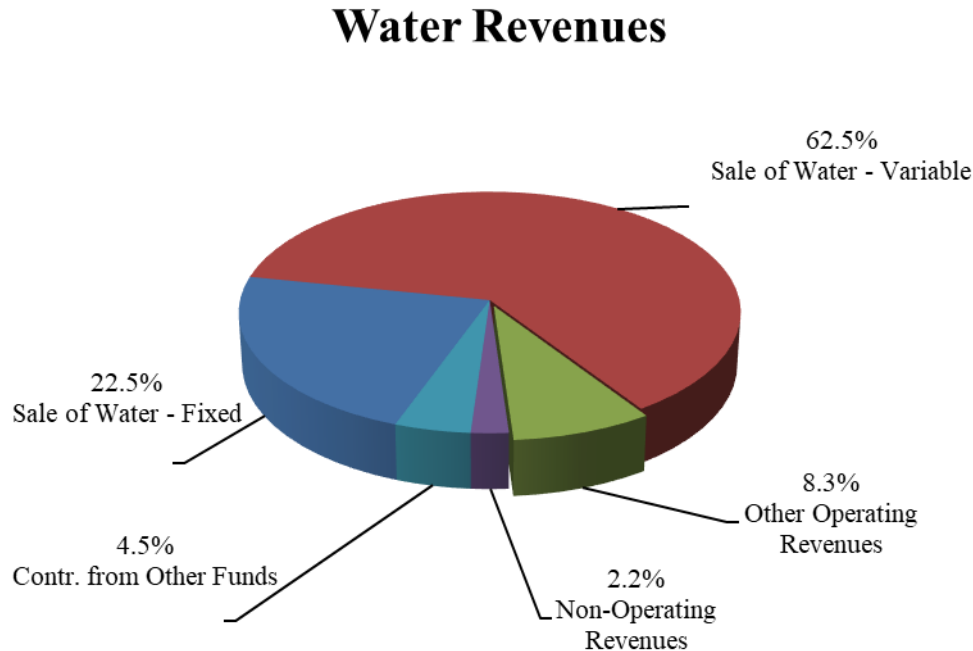
Proposed water and sewer revenues for 2023 total \$204,745,467, a decrease of \$4,303,508 or 2.1% from the adopted 2022 level. The sewer revenues have decreased by \$2,946,852, and the water revenues decreased by \$1,356,656.

	2021 Actual	2022 Adopted	2022 Projected	2023 Proposed
<u>WATER REVENUES</u>				
Sale of Water	\$95,136,557	\$96,552,254	\$96,612,827	\$91,459,085
Other Operating Revenues	8,350,089	8,494,100	8,744,474	8,871,900
Total Operating Revenues	103,486,646	105,046,354	105,357,301	100,330,985
Non-Operating Revenues	1,617,967	2,401,119	2,292,045	2,364,497
Contributions from Other Funds	-	1,400,000	800,000	4,795,335
Total Other Revenues	1,617,967	3,801,119	3,092,045	7,159,832
Total Water Revenues	\$105,104,613	\$108,847,473	\$108,449,346	\$107,490,817
<u>SEWER REVENUES</u>				
Tax on Member Municipalities	\$51,475,700	\$53,076,600	\$53,076,600	\$53,076,600
Revenue from Other Govt. Agencies	11,070,994	10,931,000	10,386,266	11,931,000
Other Sewer Revenues	16,426,081	18,212,000	18,574,424	12,429,321
Sewer User Charge Revenues	11,329,083	13,301,902	11,586,283	11,584,900
Total Operating Revenues	90,301,858	95,521,502	93,623,573	89,021,821
DEEP Contingency	-	1,980,000	1,980,000	1,980,000
Contributions from Other Funds	-	2,700,000	2,700,000	6,252,829
Total Other Revenues	-	4,680,000	4,680,000	8,232,829
Total Sewer Revenues	90,301,858	100,201,502	98,303,573	97,254,650
Total Water and Sewer Revenues	\$195,406,471	\$209,048,975	\$206,752,919	\$204,745,467

Budget Summary

Expenditures: Changes by Department

The following chart shows the percentage breakdown for each Water Revenue source.



Water: (\$1,356,656)

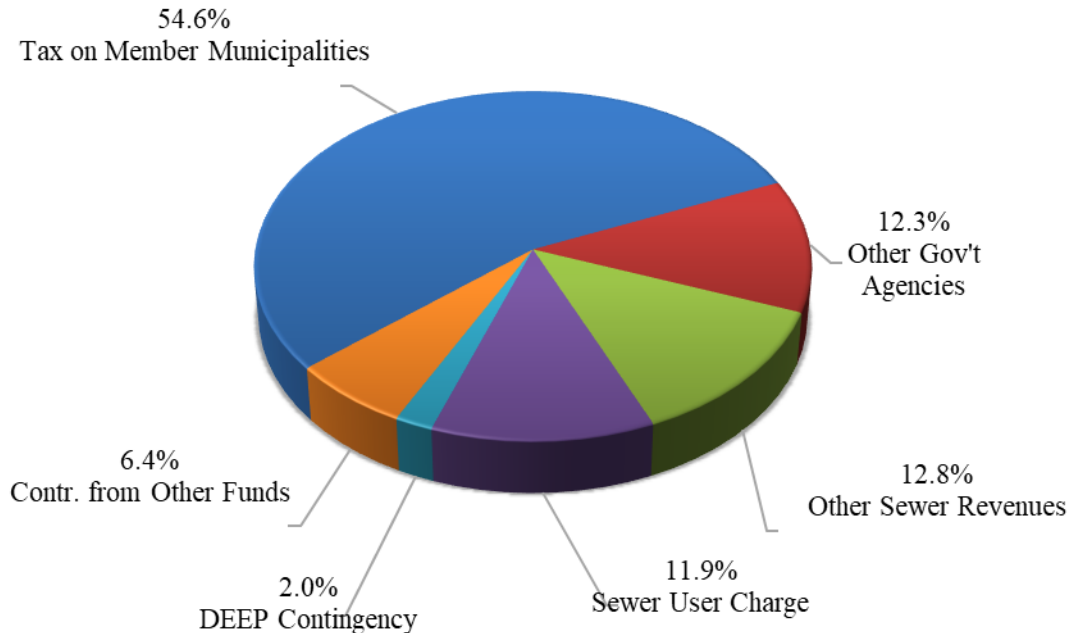
- **Sale of Water:** An overall decrease of \$5,093,169 is primarily driven by a reduction in the water usage charge.
- **Other Operating Revenues:** The increase of \$377,800 is due to increased Water Billing Penalties and Hydrant Maintenance.
- **Non-Operating Revenues:** A net decrease of \$36,622 results from the realignment and reduction of various revenue sources, Interest Income, Legal Recovery, Resource Related Billings, Recreational Sales, Forestry Sales, Main Pipe Assessments, and Department of Transportation.
- **Contributions from Working (Other) Funds:** Use of fund balance was decreased by \$600,000, while *Contributions from Other Funds* increased by \$3,995,335.

Budget Summary

Expenditures: Changes by Department

The following chart shows the percentage breakdown for each Sewer Revenue source.

Sewer Revenues



Sewer: (\$2,946,852)

- **Tax on Member Municipalities:** Is unchanged from the 2022 Adopted level. Each member municipality pays a proportionate share of the tax based on the total revenue from property taxation, as averaged over the prior three years.
- **Other Government Agencies:** Revenues will increase by \$1,000,000 or 9.1%, resulting from the increased activity in Sludge Services.
- **Other Sewer Revenues:** An overall decrease of \$5,782,679 is primarily driven by the elimination of the PMU Overhead.
- **Sewer User Charges:** Decreases by \$1,717,002 or 12.9% due to a decrease in Tax-exempt customers. The sewer user rate will remain unchanged for 2023 at \$5.90 per CCF.
- **Contributions from Other Funds:** An increase of \$3,552,829 is anticipated for 2023.

Budget Summary

Expenditures: Changes by Department

Member Municipalities Tax History and 2023 Installment Schedule

Ad Valorem Budget	2019	2020	2021	2022	2023
Hartford	\$12,372,000	\$13,035,400	\$13,169,100	\$14,067,500	\$13,280,070
East Hartford	\$5,775,200	\$6,089,300	\$6,015,200	\$6,264,400	\$6,329,600
Newington	\$4,318,900	\$4,623,100	\$4,681,000	\$4,799,100	\$4,855,190
Wethersfield	\$3,979,400	\$4,240,800	\$4,214,100	\$4,252,500	\$4,336,360
Windsor	\$4,274,900	\$4,611,600	\$4,551,500	\$4,698,600	\$4,790,350
Bloomfield	\$3,488,600	\$3,879,300	\$3,808,100	\$3,868,400	\$3,894,580
Rocky Hill	\$2,909,600	\$3,144,100	\$3,171,200	\$3,206,800	\$3,348,770
West Hartford	\$11,034,500	\$11,852,100	\$11,865,500	\$11,919,300	\$12,241,680
Total	\$48,153,100	\$51,475,700	\$51,475,700	\$53,076,600	\$53,076,600

Tax % (3yr avg.)	2019	2020	2021	2022	2023
Hartford	25.69%	25.32%	25.58%	26.50%	25.02%
East Hartford	11.99%	11.83%	11.69%	11.80%	11.93%
Newington	8.97%	8.98%	9.09%	9.04%	9.15%
Wethersfield	8.26%	8.24%	8.19%	8.01%	8.17%
Windsor	8.88%	8.96%	8.84%	8.85%	9.03%
Bloomfield	7.24%	7.54%	7.40%	7.29%	7.34%
Rocky Hill	6.04%	6.11%	6.16%	6.04%	6.31%
West Hartford	22.93%	23.02%	23.05%	22.47%	23.05%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

Installment Date	1/18/2023	4/19/2023	7/19/2023	10/18/2023	Total
Hartford	\$3,516,875	\$3,516,875	\$3,123,160	\$3,123,160	\$13,280,070
East Hartford	1,566,100	1,566,100	1,598,700	1,598,700	6,329,600
Newington	1,199,775	1,199,775	1,227,820	1,227,820	4,855,190
Wethersfield	1,063,125	1,063,125	1,105,055	1,105,055	4,336,360
Windsor	1,174,650	1,174,650	1,220,525	1,220,525	4,790,350
Bloomfield	967,100	967,100	980,190	980,190	3,894,580
Rocky Hill	801,700	801,700	872,685	872,685	3,348,770
West Hartford	2,979,825	2,979,825	3,141,015	3,141,015	12,241,680
Total	\$13,269,150	\$13,269,150	\$13,269,150	\$13,269,150	\$53,076,600

Note: These allocations are based on 3-year average tax receipts from each town. A weighted average is used to allocate the total Ad Valorem to be collected.

Budget Summary

Expenditures: Changes by Department

The District's proposed expenditure budget for 2023 totals \$207,219,317; a \$2,233,358 or 1.1% decrease from the appropriation level adopted in support of 2022 operations and programs. The following table summarizes the changes by department this includes Hydroelectric.

Budget Appropriations	Sewer	Water	Total
District Board	\$ 257,500	\$ 268,000	\$ 525,500
Executive Office	1,578,900	1,643,383	3,222,283
Legal	737,300	767,334	1,504,634
Administrative Office	321,800	334,860	656,660
Finance	3,032,400	3,156,314	6,188,714
Information Technology	3,080,600	6,254,728	9,335,328
Engineering and Planning	526,100	547,677	1,073,777
Water Treatment & Supply	-	9,292,383	9,292,383
Water Pollution Control	21,537,206	-	21,537,206
Laboratory Services	758,000	821,289	1,579,289
Maintenance	6,226,600	6,480,813	12,707,413
Chief Operating Office	427,000	444,442	871,442
Environment, Health and Safety	496,400	516,844	1,013,244
Command Center	2,060,300	3,999,493	6,059,793
Operations	3,548,700	10,645,947	14,194,647
Patrol	-	1,453,642	1,453,642
Debt Service	36,248,080	38,179,321	74,427,401
Employee Benefits	11,729,500	14,335,989	26,065,489
General Insurance	891,900	1,337,837	2,229,737
Taxes and Fees	-	3,810,500	3,810,500
Special Agreements and Programs	1,816,364	3,200,021	5,016,385
Contingencies	1,980,000	-	1,980,000
Total Water and Sewer Budget	\$ 97,254,650	\$ 107,490,817	\$ 204,745,467
Hydroelectric			\$ 2,473,850
Total Expenditures			\$ 207,219,317

Budget Summary

Expenditures: Changes by Major Object

The table below shows the expenditures budget by Major Object.

Major Object	2021 Actual	2022 Adopted	2023 Proposed	\$ Change
Payroll				
Regular Pay	\$37,042,761	\$40,104,109	\$43,071,723	\$2,967,614
Overtime Pay	3,969,112	4,096,000	4,089,300	(6,700)
Temporary Help	10,110	295,000	318,000	23,000
Standby & Premium Pay	390,555	335,400	337,150	1,750
Longevity Pay	58,378	62,225	70,175	7,950
Total Payroll	\$41,470,916	\$44,892,734	\$47,886,348	\$2,993,614
Operations				
General Operations	15,268,126	18,591,829	19,556,827	964,998
Legal Services	422,803	808,700	575,000	(233,700)
Collection Services	365,222	569,300	375,484	(193,816)
Fuel for Incin., Pump. and Heating	2,179,875	3,794,600	4,157,250	362,650
Chemicals	2,141,603	2,843,100	4,046,300	1,203,200
Utilities	5,507,672	7,896,200	7,868,630	(27,570)
Debt	68,002,873	68,608,100	74,227,401	5,619,301
Nitrogen Credits	296,031	880,200	680,000	(200,200)
Pension Regular	7,841,600	7,917,064	7,872,627	(44,437)
OPEB	8,971,800	9,266,005	7,148,406	(2,117,599)
Employee Benefits	18,319,031	19,863,605	10,854,456	(9,009,149)
General Insurance	5,984,387	6,111,238	2,110,737	(4,000,501)
Taxes and Fees	3,514,420	3,810,500	3,810,500	-
Special Agrmts and Programs	3,142,486	4,714,300	4,640,901	(73,399)
Total Operations	141,957,929	155,674,741	147,924,519	(7,750,222)
Maintenance	5,995,449	6,501,500	6,954,600	453,100
Contingencies	-	1,980,000	1,980,000	-
Total	\$189,424,294	\$209,048,975	\$204,745,467	(4,303,508)
Hydroelectric	206,257	403,700	2,473,850	2,070,150

Budget Summary

Expenditures: Changes by Major Object

The following is a summary of changes in expenditures by Major Object.

Payroll: \$2,993,614

- **Regular Pay** is increasing by \$2,967,614, reflecting increment and cost-of-living increases for eligible employees.
- **Overtime** will decrease by \$6,700.
- **Temporary Help** is increasing by \$23,000; this reflects The District's incurred costs to run the Intern and Learn & Earn Program.
- **Standby & Premium Pay** will be increasing by \$1,750.
- **Longevity Pay** will increase by \$7,950 due to participation.

Operations: (\$7,918,059)

- **General Operations** expenditures have increased by \$964,998, primarily driven by an increase in **Information System Professional Fees, Materials from Stock, and Clothing Allowances**.
- **Legal Services** expenditures are decreasing by \$233,700 in 2023 due to historic spending.
- **Collection Services** expenditures are decreasing by \$193,816 in 2023.
- **Fuel for Incineration, Pumping, and Heating** is increasing by \$362,650; this reflects an increase in anticipated usage and a rise in market-dependent fuel prices.
- **Chemicals** are increasing by \$1,203,200 to reflect the rise in commodity prices.
- **Utilities** are decreasing by \$27,570; this reflects a decrease in historical usage for the year 2023.
- **Debt Service**, an increase of \$5,619,301 primarily driven by the recent bond sale.
- **Nitrogen Credits** are projected to decrease by \$200,200, based on prior-year weather conditions and the Department of Energy and Environmental Protection rates for the DEEP Nitrogen Credit Program, which addresses the levels of nitrogen discharged into Long Island Sound.
- **Pension** allotment decrease of \$44,437 is based on the District's actuarial information.
- **OPEB** is decreasing by \$2,117,599 due to a change in actuarial assumptions and favorable claim experience.
- **Employee Benefits** are decreasing by \$9,009,149 due to an adjusted contribution to the Internal Service Fund for active employees and the reduction of Retirement Payout Contribution net of payroll tax increases.

Budget Summary

Expenditures: Changes by Major Object

- **General Insurance** has decreased by \$4,000,501 due to a reduction of the allocated funds in claims liabilities due to historic spend.
- **Taxes and Fees** expenditures are unchanged for 2023.
- **Special Agreements and Programs** expenditures will decrease by \$73,399, primarily driven by a funding reduction in West Branch Reservoir Maintenance being offset by increases in Mattabasset, New Britain and the funding of a new pilot program for automated meter reading.

Maintenance: \$453,100

- The increase in **Maintenance** reflects the anticipated costs related to **Information Systems R&M, Treatment Equipment, Facilities R&M**, and other various **Tool & Equipment** maintenance-related expenses.

Contingency: \$0

- **Contingency** are unchanged for 2023.

Hydroelectric: \$2,070,150

- **Contributions to General Fund** and **Contingency** are being utilized for 2023.

Budget Summary

Expenditures: Changes by Major Object

The following two tables show the Major Object and the Major Objects grouped into categories as a percentage of the 2023 overall proposed budget.

OBJECT CODES	AMOUNT	% OF BUDGET
Debt	\$74,227,401	36.25%
Payroll	\$47,886,348	23.39%
Employee Benefits	10,854,456	5.30%
General Operations	19,556,827	9.55%
Other Post Employee Benefits	7,148,406	3.49%
Pension Regular	7,872,627	3.85%
Utilities	7,868,630	3.84%
Maintenance	6,954,600	3.40%
General Insurance	2,110,737	1.03%
Special Agrmts and Programs	4,640,901	2.27%
Taxes and Fees	3,810,500	1.86%
Fuel for Incin., Pump. and Heating	4,157,250	2.03%
Chemicals	4,046,300	1.98%
Contingency	1,980,000	0.97%
Nitrogen Credits	680,000	0.33%
Legal Services	575,000	0.28%
Collection Services	375,484	0.18%
Total Operations	\$204,745,467	100.00%

CATEGORY	AMOUNT	% OF BUDGET
Debt	\$74,227,401	36.25%
Payroll Related	\$69,857,984	34.12%
Utilities	23,714,077	11.58%
General Operations	10,854,456	5.30%
Maintenance	7,872,627	3.85%
Insurance	2,110,737	1.03%
Chemicals	4,640,901	2.27%
Taxes & Fees	3,810,500	1.86%
Contingency	4,046,300	1.98%
Nitrogen Credits	1,980,000	0.97%
Legal	950,484	0.46%
Special Agrmts & Prgms	680,000	0.33%
	\$204,745,467	100.00%

Budget Summary

Expenditures: Statistical Analysis

The following table shows the significant changes from the 2022 Adopted Budget and the 2023 Proposed Budget.

Commitment Item	Expenditure Classification	2022 Adopted	2023 Proposed	Change	Percent Change
517060	Principal Bonds	20,575,300	24,104,038	3,528,738	17.15%
501010	Regular Pay	40,104,109	43,071,723	2,967,614	7.40%
540030	Transfers Out - Debt Service Fund Interest	13,892,100	14,955,263	1,063,163	7.65%
517090	Interest On Bonds	12,995,700	13,726,928	731,228	5.63%
523170	Subscription Based Services	430,000	802,000	372,000	86.51%
515100	Orthophosphate	317,700	652,700	335,000	105.45%
515060	Sodium Hypochlorite	251,000	553,600	302,600	120.56%
512940	Berlin	-	260,164	260,164	#DIV/0!
513710	Fuel	2,954,700	3,196,950	242,250	8.20%
513690	Materials From Stock	2,274,500	2,516,000	241,500	10.62%
512060	Police Services	500,000	700,000	200,000	40.00%
515080	Polymers	1,200,000	1,400,000	200,000	16.67%
515020	Sodium Hydroxide	401,000	595,700	194,700	48.55%
517120	Int & Note Issue Expense	359,600	548,556	188,956	52.55%
512400	Disposal/Removal Fees	234,800	419,600	184,800	78.71%
503110	Social Security	2,687,991	2,863,434	175,443	6.53%
521190	Infrastructure Equip/Licenses	65,000	240,000	175,000	269.23%
521080	Tool & Work Equipment	515,600	657,700	142,100	27.56%
512260	Agency Hire	3,500	143,500	140,000	4000.00%
514040	Meter Services	68,500	188,037	119,537	174.51%
512100	Traffic Control/Flagging Services	60,000	175,000	115,000	191.67%
540020	Transfers Out - Debt Service Fund Principal	20,785,400	20,892,616	107,216	0.52%
512070	Consultant Services	1,188,000	1,286,700	98,700	8.31%
513430	Rock Sand & Dirt	1,218,569	1,317,000	98,431	8.08%
513720	Diesel Fuel	433,750	524,800	91,050	20.99%
521100	Treatment Equipment	1,499,900	1,585,900	86,000	5.73%
515040	Polyaluminum Chloride	-	83,250	83,250	100%
512420	Incinerator Ash Disposal	726,000	793,000	67,000	9.23%
514050	Heating & Air Conditioning	285,000	342,000	57,000	20.00%
519330	General Property	519,876	569,713	49,837	9.59%
515090	Powdered Carbon	77,000	125,100	48,100	62.47%
515010	Aluminum Sulfate	163,100	209,600	46,500	28.51%
503050	Medicare Part B	650,946	696,787	45,841	7.04%
512880	Mattabassett District	707,000	751,300	44,300	6.27%
515050	Hydrofluosilicic Acid	132,800	175,700	42,900	32.30%
513730	Gasoline	300,000	340,500	40,500	13.50%
519450	Pollution Liability Insurance	88,000	124,428	36,428	41.40%
512710	Outside Testing & Lab Services	417,520	448,200	30,680	7.35%
522030	Information System R&M	1,908,000	1,937,000	29,000	1.52%
522010	Facilities R&M	531,000	559,500	28,500	5.37%
512390	Riparian	250,000	275,000	25,000	10.00%
521090	Transportation Equipment	505,200	530,000	24,800	4.91%
515110	Sodium Bisulfite	27,000	50,550	23,550	87.22%
501020	Temporary Pay	295,000	318,000	23,000	7.80%
519380	Public Liability	132,814	154,522	21,708	16.34%
512820	Lock Box Fee	100,000	120,000	20,000	20.00%
513770	Auto Parts	-	20,000	20,000	100%
523140	Other Equipment Rental	86,700	66,700	(20,000)	-23.07%
523160	Equipment Leases	122,000	100,000	(22,000)	-18.03%
511220	Dues & Memberships	364,500	340,500	(24,000)	-6.58%
519070	Community Outreach - Public Info.	47,000	22,000	(25,000)	-53.19%
514010	Electricity	7,896,200	7,868,630	(27,570)	-0.35%
513150	Survey Const. Supplies	30,000	-	(30,000)	-100.00%
514110	Telephone Voice & Data Lines	745,000	708,000	(37,000)	-4.97%
503100	Pension Regular	7,917,064	7,872,627	(44,437)	-0.56%
523130	Photocopier Rental	80,000	33,000	(47,000)	-58.75%
515140	Water Treatment Chemicals	138,300	54,000	(84,300)	-60.95%
512920	Collection Services	400,000	300,484	(99,516)	-24.88%
519410	Umbrella Liability	658,815	524,922	(133,893)	-20.32%
512850	DEEP Nitrogen Credits	880,200	680,000	(200,200)	-22.74%
512020	Legal Services	978,000	670,000	(308,000)	-31.49%
512210	Information System Professional Fees	2,410,000	1,900,000	(510,000)	-21.16%
512910	West Branch Reservoir Lease Maintenance	1,400,000	800,000	(600,000)	-42.86%
503180	Retirement Payout Contribution	1,925,228	-	(1,925,228)	-100.00%
503060	OPEB Trust Contribution	9,266,005	7,148,406	(2,117,599)	-22.85%
519390	Liability-Claims	4,000,000	-	(4,000,000)	-100.00%
503010	Medical Services	14,667,440	7,357,235	(7,310,205)	-49.84%

Basis of Budgetary Accounting

- The basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. The basis of accounting relates to the timing of the measurements made, regardless of the measurement focus applied.
- Modified Accrual Basis — All government funds are accounted for using the modified accrual basis of accounting and a current financial resources measurement focus. This means that only current assets and current liabilities are generally included on their balance sheets. Their reported fund balance (net current assets) is considered a measure of “available spendable resources.” Governmental fund operating statements present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets.
- Revenues are recorded when measurable and available to finance current operations. Revenues susceptible to accrual must be collected within 60 days following the end of the fiscal year and would generally include expenditure reimbursement grants, certain intergovernmental revenues, and operating transfers and excludes miscellaneous revenues that are generally not measurable until received. Revenue from taxes on member towns is considered “measurable” in the year in which the taxes are levied and are recognized at that time. Interest revenue is susceptible to accrual since it is measurable and available.
- Sanitary sewer assessments are recognized as revenue in the year in which an installment becomes due since they are both measurable and available. Annual installments not yet due are recorded as assets and are offset by deferred revenue.
- Sewer user charges are susceptible to accrual. They become measurable, as the usage is known and available as billed.
- Expenditures are generally recognized when the related fund liability is incurred. Exceptions to this general rule include: (1) accumulated unpaid vacation, sick pay, and other employee amounts are recognized only on the current year, and the long-term portion is recognized in the government-wide financial statements of the CAFR; and (2) principal and interest on general long-term debt is recognized when due.
- Accrual Basis — All proprietary fund types are accounted for on a cost of services or “capital maintenance” measurement focus. This means that all assets and liabilities (whether current or non-current) associated with their activity are included on their balance sheets. Their reported fund equity (net total assets) is segregated into contributed capital and retained earnings components. Proprietary fund type operating statements present increases (revenues) and decreases (expenses) in net total assets.
- The proprietary fund types, the Pension and Other Post Employment Benefits (OPEB) Trust Funds are accounted for using the accrual basis of accounting and the flow of economic resources measurement focus. Revenues are recognized when they are earned and expenses are recognized when they are incurred.

Budget Expenditures

Budget Appropriations	Sewer	Water	Total
District Board	\$ 257,500	\$ 268,000	\$ 525,500
Executive Office	1,578,900	1,643,383	3,222,283
Legal	737,300	767,334	1,504,634
Administrative Office	321,800	334,860	656,660
Finance	3,032,400	3,156,314	6,188,714
Information Technology	3,080,600	6,254,728	9,335,328
Engineering and Planning	526,100	547,677	1,073,777
Water Treatment & Supply	-	9,292,383	9,292,383
Water Pollution Control	21,537,206	-	21,537,206
Laboratory Services	758,000	821,289	1,579,289
Maintenance	6,226,600	6,480,813	12,707,413
Chief Operating Office	427,000	444,442	871,442
Environment, Health and Safety	496,400	516,844	1,013,244
Command Center	2,060,300	3,999,493	6,059,793
Operations	3,548,700	10,645,947	14,194,647
Patrol	-	1,453,642	1,453,642
Debt Service	36,248,080	38,179,321	74,427,401
Employee Benefits	11,729,500	14,335,989	26,065,489
General Insurance	891,900	1,337,837	2,229,737
Taxes and Fees	-	3,810,500	3,810,500
Special Agreements and Programs	1,816,364	3,200,021	5,016,385
Contingencies	1,980,000	-	1,980,000
Total Water and Sewer Budget	\$ 97,254,650	\$ 107,490,817	\$ 204,745,467
Hydroelectric			\$ 2,473,850
Total Expenditures			\$ 207,219,317

Budget Revenues

Water Revenues

Operating Revenues

Sale of Water	\$ 91,459,085
Other Operating Revenues	8,871,900
Subtotal Operating Revenues	<u>100,330,985</u>

Non-Operating Revenues	2,364,497
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Other Financing Sources

Contributions from Other Funds	4,795,335
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Total Source of Revenues – Water Operations	<u>\$ 107,490,817</u>
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Sewer Revenues

Operating Revenues

Tax on Member Municipalities	\$ 53,076,600
Revenue from Other Government Agencies	11,931,000
Other Sewer Revenues	12,429,321
Sewer User Charge Revenues	11,584,900
Subtotal Operating Revenues	<u>\$ 89,021,821</u>

Other Financing Sources

DEEP Contingency	1,980,000
Contributions from Other Funds	6,252,829
Subtotal Other Financing Sources	<u>\$ 8,232,829</u>

Total Source of Revenues – Sewer Operations	<u>\$ 97,254,650</u>
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Total Source of Revenues – Water and Sewer Operations	\$ 204,745,467
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Hydroelectric Revenues	<u>\$ 973,850</u>
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Total Water/Sewer/Hydro	<u>\$ 205,719,317</u>
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2023 Capital Improvement Program & Integrated Plan

Appropriation

Revised 10/26/22

The Metropolitan District's Capital Improvement Program budget for 2023 totals \$144,573,750 as reflected in the following summary. Wastewater programs total \$36,108,000; water programs total \$41,883,000; combined programs total \$18,292,500; hydro program total \$2,000,250 . The Integrated Plan for 2023 totals \$46,290,000. The requested funding for all programs is \$190,863,750 for 2023.

<u>Wastewater</u>	<u>2023</u>
General Purpose Sewer	\$ 5,000,000
<i>Wastewater Collection</i>	
Various Small Pump Station Rehabilitation	2,000,000
Island Road Pump Station Rehabilitation	378,000
Paving Program & Restoration	2,100,000
Sanitary Sewer Easement Program	1,700,000
<i>Wastewater Treatment</i>	
Wastewater Treatment	7,500,000
Hartford Water Pollution Control Facility Secondary Electric Upgrades	4,305,000
Rocky Hill Water Pollution Control Facility Preliminary and Electrical Upgrades	13,125,000
<i>Wastewater Total</i>	\$ 36,108,000
<u>Water</u>	<u>2023</u>
General Purpose Water	\$ 4,000,000
<i>Water Distribution</i>	
WTP Infrastructure Rehabilitation, Upgrades & Replacement	4,500,000
Advanced Meter Reading Program	800,000
East Hartford Water Main Replacements	8,570,000
Water Main Materials	3,000,000
Paving Program & Restoration	5,250,000
Water Treatment/Transmission Improvements	1,000,000
Levee Protection - Water	263,000
District-wide Water Main Replacement Program	14,500,000
<i>Water Total</i>	\$ 41,883,000
<u>Combined</u>	<u>2023</u>
IT Infrastructure Project	\$ 2,100,000
CEM Vehicles	3,040,000
CEM Generators	267,500
Facilities	1,050,000
Engineering Services Staffing	3,645,000
Construction Services Staffing	3,830,000
Technical Services Staffing	\$4,360,000
<i>Combined Total</i>	\$ 18,292,500
<u>Hydro Rehabilitation</u>	<u>2023</u>
Goodwin Hydroelectric Controls Upgrade Project	\$2,000,250
<i>Hydro Total</i>	\$ 2,000,250

2023 Capital Improvement Program & Integrated Plan

Appropriation

Revised 10/26/22

<u>Integrated Plan</u>	<u>2023</u>
Various Sewer Pipe Replacement/Rehabilitations - District-wide	\$ 8,925,000
Large Diameter Sewer Rehabilitation Program	16,170,000
Sewer Collection Gates	5,025,000
Newington 18 & 19 Sewershed Inflow/Infiltration Reduction	945,000
Rocky Hill -2A/B Sewershed Inflow/Infiltration Reduction	1,200,000
I-4 (N-30)	200,000
North Branch Park River Drainage Study/Separation	1,000,000
Granby 7 Sewer Separation	1,800,000
Program Management Consultant	4,000,000
Wethersfield Cove Drop Shaft Connections - Phases 1 & 2	525,000
Hartford Water Pollution Control Facility -Sludge Equalization Facility	5,000,000
Private Property Inflow Disconnect/Back Water Valve Program	1,500,000
<i>Integrated Plan Total</i>	\$ 46,290,000
<i>Total Capital Improvement Program and Integrated Plan</i>	\$ 190,863,750

2023 Proposed Capital Improvement Budget



The Metropolitan District
Hartford, CT

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2023 Capital Improvement Program and Integrated Plan

Summary

Overview

The Capital Improvement Program (CIP) budget is based upon the MDC's comprehensive asset management program for wastewater, water, and combined programs. The program's objective is to ensure the continued safety and efficiency of the District's water mains, sewers, pumping stations, treatment facilities, buildings, and equipment. Asset management programs have been developed to maximize the effectiveness and useful life of our facilities.

The MDC will pursue funding for eligible projects under the State of Connecticut Department of Public Health's Drinking Water State Revolving Fund (water projects), State of Connecticut Department of Energy and Environmental Protection's Clean Water Fund (wastewater projects), and other State and/or Federal funding programs. The actual funding of projects is a condition of priority ranking and fund availability. Participation in such funding agreements is subject to the approval of the Metropolitan District.

In addition, this year we will begin authorizing funding for the Integrated Plan (IP) projects. These projects are in accordance with the MDC's 2018 CSO Long Term Control Plan/Integrated Plan (LTCP/IP), and subsequent supplementary documents submitted to CT DEEP and approved through their Consent Order #COWRMU22002.

Major Capital Improvement Components

Wastewater

The primary projects are improvements and modernization to MDC's wastewater collection system infrastructure and water pollution control facilities. The following are some of next year's major expenditures.

Rocky Hill Water Pollution Control Facility Preliminary and Electrical Upgrades	\$ 13,125,000
WPC Facilities Infrastructure Rehabilitation, Upgrades & Replacement	7,500,000
General Purpose Sewer	5,000,000

Water

This budget will fund improvements to the District's drinking water infrastructure including treatment plants, pipeline, storage facilities and pump stations. The District is targeting 10 miles of new and replacement water main installations in 2023 and listed below are some of the major expenditures demonstrating that level of commitment.

District-wide Water Main Replacement Program	\$ 14,500,000
East Hartford Water Main Replacements	8,570,000
Paving Program & Restoration	5,250,000

2023 Capital Improvement Program and Integrated Plan

Summary

Integrated Plan

This budget will fund improvements to the MDC's wastewater collection system infrastructure and water pollution control facilities, as required to comply with the 2006 USEPA Consent Decree, and 2022 CT DEEP Consent Order. The following are some of next year's major Integrated Plan expenditures:

Large Diameter Sewer Rehabilitation Program	\$ 16,170,000
Various Sewer Pipe Replacement/Rehabilitations - District-wide	8,925,000
Sewer Collection Gates	5,025,000
Hartford Water Pollution Control Facility - Sludge Equalization Facility	5,000,000

2023 Capital Improvement Program and Integrated Plan

Summary

Five-Year Capital Improvement Program

The District has undertaken a comprehensive asset management program which involves a systematic replacement of water and sewer infrastructure in a proactive manner whereby the District will continue to maintain and improve its assets to ensure the safe and efficient operation of service. In addition, it is anticipated that the District will continue to complete projects associated with the Clean Water Project and initiate projects for our Integrated Plan during 2023.

The District submitted an Integrated Plan (IP) to CT DEEP as part of its Consent Order required CSO Long Term Control Plan (LTCP) Update in December 2018. Modifications and an Executive Summary were most recently submitted in May 2020, with LTCP/IP Phase 1 plans submitted in February 2021. Phase 1 represents projects to be completed prior to December 31, 2029. The LTCP/IP was formally approved in September 2022 via the execution of Consent Order COWRMU22002, which supersedes the 2006 Consent Order. The Five-Year Integrated Plan has been modified to reflect this approval.

2023 Capital Improvement Program and Integrated Plan

Summary

<u>Wastewater</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
General Purpose Sewer	\$ 5,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
Various Small Pump Station Rehabilitation	2,000,000	-	2,000,000	-	2,000,000
Island Road Pump Station Rehabilitation	378,000	625,000	-	-	-
Paving Program & Restoration	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000
Sanitary Sewer Easement Program	1,700,000	3,000,000	3,000,000	-	-
Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades & Replacement	7,500,000	5,000,000	5,000,000	5,000,000	5,000,000
Hartford Water Pollution Control Facility Secondary Electric Upgrades	4,305,000	-	-	-	-
Rocky Hill Water Pollution Control Facility Preliminary and Electrical Upgrades	13,125,000	-	-	-	-
Poquonock Water Pollution Control Facility Biological Nitrogen Removal	-	12,500,000	-	-	-
HWPCF Sludge Screen	-	5,600,000	-	-	-
Wastewater Total	\$36,108,000	\$31,825,000	\$15,100,000	\$10,100,000	\$12,100,000

2023 Capital Improvement Program and Integrated Plan

Summary

<u>Water</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
General Purpose Water	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
WTP Infrastructure Rehabilitation, Up-grades & Replacements	4,500,000	600,000	600,000	600,000	600,000
Advanced Meter Reading Program	800,000	1,600,000	1,600,000	1,600,000	1,600,000
East Hartford Water Main Replacements	8,570,000	-	-	-	-
Water Main Materials	3,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Paving Program & Restoration	5,250,000	5,250,000	5,250,000	5,250,000	5,250,000
Raw Water Treatment/Transmission Improvements	1,000,000	-	5,000,000	-	-
Levee Protection - Water	263,000	-	-	-	-
District-wide Water Main Replacement Program	14,500,000	-	9,000,000	-	9,000,000
Silas Deane Highway Water Main Replacement	-	14,400,000	-	-	-
Water Main Replacements	-	8,000,000	8,000,000	8,000,000	8,000,000
Water Pump Station & Storage Tank Rehabilitation	-	1,000,000	-	3,000,000	-
Water Master Plan	-	1,000,000	2,000,000	5,000,000	3,000,000
Water Transmission & Control Valve Replacement & Rehabilitation	-	-	-	3,000,000	-
Water Total	\$41,883,000	\$40,850,000	\$40,450,000	\$35,450,000	\$36,450,000

2023 Capital Improvement Program and Integrated Plan

Summary

<u>Combined</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
IT Infrastructure Project	\$ 2,100,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
CEM Vehicles	3,040,000	3,000,000	3,000,000	3,000,000	3,000,000
CEM Generators	267,500	-	-	-	-
Facilities	1,050,000	-	1,050,000	-	1,050,000
Engineering Services Staffing	3,645,000	3,645,000	3,645,000	3,645,000	3,645,000
Construction Services Staffing	3,830,000	3,830,000	3,830,000	3,830,000	3,830,000
Technical Services Staffing	4,360,000	4,360,000	4,360,000	4,360,000	4,360,000
<i>Combined Total</i>	\$18,292,500	\$15,835,000	\$16,885,000	\$15,835,000	\$16,885,000

2023 Capital Improvement Program and Integrated Plan

Summary

<u>Hydro Rehabilitation</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Goodwin Hydroelectric Controls Upgrade Project	\$ 2,000,250	-	-	-	-
<i>Hydro Total</i>	\$2,000,250	-	-	-	-

2023 Capital Improvement Program and Integrated Plan

Summary

<u>Integrated Plan</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Various Sewer Pipe Replacement/Rehabilitations - District-wide	\$ 8,925,000	\$ 9,400,000	\$ 9,400,000	\$ 9,800,000	\$ 9,800,000
Large Diameter Sewer Rehabilitation Program	16,170,000	5,300,000	7,100,000	-	10,400,000
Sewer Collection Gates	5,025,000	-	-	-	-
N-18 Sewershed Inflow/Infiltration Reduction	945,000	4,900,000	-	-	-
Rocky Hill -2A/B Sewershed Inflow/Infiltration Reduction	1,200,000	-	6,700,000	-	-
I-4 (N-30)	\$200,000	-	-	-	-
North Branch Park River Drainage Study/Separation	1,000,000	-	-	-	-
Granby 7 Sewer Separation	1,800,000	-	-	18,000,000	-
Program Management Consultant	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Wethersfield Cove Drop Shaft Connections - Phases 1 & 2	525,000	20,000,000	16,300,000	35,000,000	35,000,000
Hartford Water Pollution Control Facility - Sludge Equalization Facility	5,000,000	-	-	-	-
Private Property Inflow Disconnect/Back Water Valve Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
S-8 Combined Sewer Overflow Control	-	13,900,000	500,000	-	15,600,000
Easement Sewer Rehabilitation Program	-	3,300,000	-	6,600,000	-
Wethersfield Trunk Sewer	-	-	-	3,400,000	-
N19 Inflow/Infiltration	-	-	-	-	1,000,000
Homestead Avenue Interceptor	-	-	-	-	2,200,000
<i>Integrated Plan Total</i>	\$46,290,000	\$62,300,000	\$45,500,000	\$78,300,000	\$79,500,000

2023 Capital Improvement Program and Integrated Plan

Debt Administration Policy

Capital appropriations require approval by a two-thirds vote of the entire District Board and by a majority of the electors of the District at a referendum with the following exceptions:

1. Capital appropriations not exceeding '*to be determined for 2023*' indexed for inflation, excluding those portions of an appropriation payable from Federal or State grants for any single item within the capital section of the budget.
2. Appropriations for any reason involving not more than \$25,000,000 in any one year for the purpose of meeting a public emergency threatening the lives, health or property of citizens of the District.
3. Construction of or leasing headquarters facilities.
4. 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.

With the exception of the two \$800,000,000 appropriations, and bond authorizations for the District's Clean Water Project approved at referenda in November, 2006 and November, 2012, and two supplemental grant's appropriations totaling \$158,800,000, which are expected to be supported by general obligation bonds, revenue bonds, and clean water fund obligations payable from the Clean Water Project Charge (previously the Special Sewer Service Surcharge), the District has followed a policy of financing capital expenditures by issuing general obligation bonds secured by unlimited taxes levied proportionately upon the Member Municipalities comprising the District.

In addition to taxes, certain water charges, sewer user fees, and assessments are available to repay the general obligation bonds. Sewer bonds are payable from the municipal tax levy on each Member Municipality and from sewer user charges levied on tax-exempt and high-flow users. General obligation water bonds are paid from water sale revenues. Assessable sewer construction bonds are secured by liens against assessments on benefited properties. The receipts from assessments are deposited in a separate fund, and payments for debt service on assessable sewer construction bonds are made from such fund. Hydroelectric bonds are funded from power sales revenue deposited in a separate fund, and payments of the debt service on the Hydroelectric bonds are made from said fund.

2023 Capital Improvement Program and Integrated Plan

Appropriation

The Metropolitan District's Capital Improvement Program budget for 2023 totals \$144,573,750 as reflected in the following summary. Wastewater programs total \$36,108,000; water programs total \$41,883,000; combined programs total \$18,292,500; hydro program total 2,000,250 and the Integrated Plan programs total \$46,290,000.

Wastewater

General Purpose Sewer	\$ 5,000,000
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Wastewater Collection

Various Small Pump Station Rehabilitation	2,000,000
-------------------------------------------	-----------

Island Road Pump Station Rehabilitation	378,000
-----------------------------------------	---------

Paving Program & Restoration	2,100,000
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Sanitary Sewer Easement Program	1,700,000
---------------------------------	-----------

Wastewater Treatment

WPC Facilities Infrastructure Rehabilitation, Upgrades & Replacement	7,500,000
----------------------------------------------------------------------	-----------

Hartford Water Pollution Control Facility Secondary Electric Upgrades	4,305,000
-----------------------------------------------------------------------	-----------

Rocky Hill Water Pollution Control Facility Preliminary and Electrical Upgrades	13,125,000
---------------------------------------------------------------------------------	------------

Wastewater Total	\$ 36,108,000
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Water

General Purpose Water	\$ 4,000,000
-----------------------	--------------

Water Distribution

WTP Infrastructure Rehabilitation, Upgrades & Replacement	4,500,000
-----------------------------------------------------------	-----------

Advanced Meter Reading Program	800,000
--------------------------------	---------

East Hartford Water Main Replacements	8,570,000
---------------------------------------	-----------

Water Main Materials	3,000,000
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Paving Program & Restoration	5,250,000
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Water Treatment/Transmission Improvements	1,000,000
-------------------------------------------	-----------

Levee Protection - Water	263,000
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District-wide Water Main Replacement Program	14,500,000
----------------------------------------------	------------

Water Total	\$ 41,883,000
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2023 Capital Improvement Program and Integrated Plan

Appropriation

Combined

Facilities/Staffing

IT Infrastructure Project	\$	2,100,000
CEM Vehicles		3,040,000
CEM Generators		267,500
Facilities		1,050,000
Engineering Services Staffing		3,645,000
Construction Services Staffing		3,830,000
Technical Services Staffing		4,360,000
Combined Total	\$	18,292,500

Hydro Rehabilitation

Goodwin Hydroelectric Controls Upgrade Project	\$	2,000,250
Hydro Total	\$	2,000,250

Integrated Plan

Various Sewer Pipe Replacement/Rehabilitations - District-wide	\$	8,925,000
Large Diameter Sewer Rehabilitation Program		16,170,000
Sewer Collection Gates		5,025,000
N-18 Sewershed Inflow/Infiltration Reduction		945,000
Rocky Hill -2A/B Sewershed Inflow/Infiltration Reduction		1,200,000
I-4 (N-30)		200,000
North Branch Park River Drainage Study/Separation		1,000,000
Granby 7 Sewer Separation		1,800,000
Program Management Consultant		4,000,000
Wethersfield Cove Drop Shaft Connections - Phases 1 & 2		525,000
Hartford Water Pollution Control Facility -Sludge Equalization Facility		5,000,000
Private Property Inflow Disconnect/Back Water Valve Program	\$	1,500,000
Integrated Plan Total	\$	46,290,000

2023 Capital Improvement Program and Integrated Plan

Sewer

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2023 Capital Improvement Program budget. The projects that comprise the wastewater system programs are necessary to enhance, upgrade and rehabilitate the extensive sewer infrastructure throughout the District and to improve the efficiency and effectiveness of facility operations. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Wastewater

Wastewater Treatment, Collection and Storm Water Collection

General Purpose Sewer	\$ 5,000,000
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Wastewater Collection

Various Small Pump Station Rehabilitation	2,000,000
-------------------------------------------	-----------

Island Road Pump Station Rehabilitation	378,000
-----------------------------------------	---------

Paving Program & Restoration	2,100,000
------------------------------	-----------

Sanitary Sewer Easement Program	1,700,000
---------------------------------	-----------

Wastewater Treatment

WPC Facilities Infrastructure Rehabilitation, Upgrades & Replacement	7,500,000
----------------------------------------------------------------------	-----------

Hartford Water Pollution Control Facility Secondary Electric Upgrades	4,305,000
-----------------------------------------------------------------------	-----------

Rocky Hill Water Pollution Control Facility Preliminary and Electrical Upgrades	13,125,000
---------------------------------------------------------------------------------	------------

Wastewater Total	\$ 36,108,000
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2023 Capital Improvement Program and Integrated Plan

Sewer

Program – General Purpose Sewer

Amount
\$5,000,000

Project #

Fund
2110

Description

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 useful life. Projects may also include electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at wastewater treatment facilities. Projects may include limited sewer work associated with related water main replacements in order to maximize efficiency. This project will also cover for replacement and/or upgrades to the District's transportation and power operated equipment fleet and related/associated components. Consultant, Contractor, or District forces may be utilized. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines and structures.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Various Small Pump Station Rehabilitation

Amount
\$2,000,000

Project #

Fund
2110

Description

Design of improvements and/or construction of various equipment renewals, replacements, and rehabilitation at wastewater pump stations throughout District member towns to address various process, mechanical, structural, electrical, instrumentation and controls systems upgrades. Planned projects include installation of new pumps; replacement of process piping and valves; electrical/controls replacements and modifications; structural component replacement including aluminum grating and wet well covers. An inventory and evaluation of existing wastewater pump stations is also included. These projects are intended to extend and enhance the asset life. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To repair, rehabilitate or replace wastewater pump stations.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Island Road PS Rehabilitation

Amount
\$378,000

Project #

Fund
2110

Description

The Island Road Pump Station is a custom-built walk-in pump station installed in 1958. Minimal improvements have been made since its original construction. The station needs full rehabilitation including structural, mechanical, and electrical repairs/replacements. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate the pump station that has passed its useful life.

Future Appropriations

Future appropriation requests for additional projects are anticipated for the next year.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Paving Program and Restoration

Amount
\$2,100,000

Project #

Fund
2110

Description

Final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by work on MDC water infrastructure, including costs for disposal of unsuitable materials and usage of material from stock. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To restore sites associated with various water main installations, replacements and repairs.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Sanitary Sewer Easement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,700,000		2110

Description

Planning, design and construction for the improvements to existing District Sanitary Sewer Easements. Improvements may include, but not limited to clearing, cutting, or other improvements as required to maintain or improve access to existing sanitary sewer infrastructure within easements. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate aging pipelines and structures within recently cleared District sewer easement areas.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next two years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Water Pollution Control Facilities, Infrastructure, Rehabilitations, Upgrades and Replacement

Amount
\$7,500,000

Project #

Fund
2110

Description

Design and construction of various infrastructure renewals and replacements at the District's four water pollution control facilities to modernize existing systems including mechanical, electrical, process, instrumentation and control systems. This project will rehabilitate multiple water pollution control assets to improve operational readiness/reliability, safety, increase wastewater processing capabilities and add/enhance assets life. District and outside forces may be utilized for this program. District forces may be utilized for this program. The District cost may include salary, benefits, and overhead.

Purpose

To rehabilitate aging infrastructure at the District's four Water Pollution Control Facilities.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Hartford Water Pollution Control Facilities Secondary Electric Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,305,000		2110

Description

The Secondary Electrical Upgrades project at the Hartford Water Pollution Control Facility, will replace antiquated electrical equipment with current electrical equipment that meets District standards to provide a reliable, safe and maintainable electrical system that meets current electrical codes. The replacement of this electrical equipment will upgrade the last remaining significant electrical gear that was provided with the plant upgrades completed in the early 70's. Project will include all mechanical, electrical, structural, architectural, instrumentation, and control. District and outside forces may be utilized for this project. The District cost may include salary, benefits, and overhead.

Purpose

To rehabilitate aging infrastructure in the Hartford Water Pollution Control Facility.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Sewer

Program – Rocky Hill Water Pollution Control Facilities Preliminary and Electrical Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$13,125,000		2110

Description

The project includes updating the headworks facilities at the Rocky Hill Water Pollution Facility including but not limited to the replacement of the bar screen and grit removal equipment. Both require frequent removal of sewage debris screenings throughout each day and the bar screen remains the last District WPC facility that has screenings manually removed by District staff. Both the screening and grit equipment need to be replaced as they are beyond their service life, installed during the early 70's, that require frequent maintenance with scarce replacement parts available. Correction of these issues is essential for the protection of equipment and processes following a substantial \$50 Million upgrade. The project will include the installation of pre-engineered screening building and canopy to protect the new equipment and shelter operators during inclement weather. Project will include all mechanical, electrical, structural, architectural, instrumentation, and control. District forces may be utilized for a portion of this project. The District cost may include salary, benefits, and overhead.

Purpose

To update the headworks facility at the Rocky Hill Water Pollution Facility.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2023 Capital Improvement Program budget. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Water

General Purpose Water	\$ 4,000,000
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Water Distribution

WTP Infrastructure Rehabilitation, Upgrades & Replacement	4,500,000
Advanced Meter Reading Program	800,000
East Hartford Water Main Replacements	8,570,000
Water Main Materials	3,000,000
Paving Program & Restoration	5,250,000
Water Treatment/Transmission Improvements	1,000,000
Levee Protection - Water	263,000
District-wide Water Main Replacement Program	14,500,000

Water Total	\$ 41,883,000
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The projects that comprise the water system programs are necessary to extend, upgrade and maintain the extensive water infrastructure throughout the District and to enhance the efficiency and effectiveness of facility operations.

2023 Capital Improvement Program and Integrated Plan

Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000		2120

Description

Planning, design and construction of the replacement and/or rehabilitation of aging water mains and related system-wide equipment/infrastructure improvements to enhance the effectiveness, efficiency and safety of the District's water supply, treatment and distribution systems. Projects may include electrical, mechanical, or renewable energy upgrades at District facilities as well as water modeling, master planning and the integration of SCADA and data collection/evaluation systems. District and outside forces may be utilized. The District costs may include salary, benefits and overhead.

Purpose

To enhance the effectiveness, efficiency and safety of the District's water supply, treatment and distribution systems.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – Water Treatment Program Infrastructure, Rehabilitation, Upgrades and Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,500,000		2120

Description

Design and construct a variety of renewal and replacements at the three Water Treatment Facilities in an effort to modernize existing systems including, but not limited to, filter underdrain systems. Multiple water treatment assets will be rehabilitated to improve treatment processes, operational reliability, and improve the safety component within all. These projects are intended to extend and enhance the asset life. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To renew and replace assets at the water treatment facilities.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – Advanced Meter Reading Program

Amount
\$800,000

Project #

Fund
2120

Description

The Advanced Meter Reading Program includes costs for all materials, equipment, technology and labor needed to replace water meters and install meter reading devices, including internal and contractor labor. This project will be used towards the long-term standardization and scheduled replacement program of meters, meter reading devices and appurtenances and may include the implementation of new meter reading technology and implementation of customer portal. District and outside forces may be utilized for this program. The District costs may include materials, equipment, salary, benefits and overhead.

Purpose

To reduce the number of estimated water bills, replace meters that have exceeded manufacturers suggested life expectancy, replace outdated meter reading systems and standardize meter inventory.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – East Hartford Water Main Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$8,570,000		2120

Description

This project includes the replacement of various small diameter water mains (i.e. 4" and 6") and aging infrastructure in residential East Hartford roads. District and outside forces may be utilized for this program. The District costs may include materials, equipment, salary, benefits and overhead.

Purpose

To replace aging infrastructure in East Hartford

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut DWSRF. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Water

Program – Water Main Materials

Amount
\$3,000,000

Project #

Fund
2120

Description

Purchase of various materials to support replacement of water mains District wide as a result of infrastructure exceeding useful life. Projects include, but are not limited to, The Accelerated Water Main Replacement Program, Sisson Avenue Area Water Main Replacement, Silas Deane Water Main Replacement, Ellington Road Water Improvements, and Deerfield, Chadwick and Goodwin Water Main Replacement. District and outside forces may be utilized for this program. The District costs may include materials, equipment, salary, benefits and overhead.

Purpose

To acquire materials to replace aging infrastructure District wide.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,250,000		2120

Description

Final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by work on MDC water infrastructure, including costs for disposal of unsuitable materials and usage of material from stock. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To restore sites associated with various water main installations, replacements and repairs.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – Water Treatment/Transmission Improvements

Amount
\$1,000,000

Project #

Fund
2120

Description

The Water Master Plan encompasses various projects to improve the water transmission and treatment infrastructure over several decades. This project will include the design and construction of improvements to the raw water supply pipelines and related appurtenances such as blow-offs and access manholes. The project will improve the operational reliability of the raw water system, and is intended to extend and enhance the asset life. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the reliability and extend the asset life of various raw water pipelines, transmission mains and water treatment infrastructure.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next two years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – Levee Protection – Water Work

Amount
\$263,000

Project #

Fund
2120

Description

Construction, inspection and associated work for the placing of isolation valves outside Bulkeley Bridge and I-84 Highway (Hartford and East Hartford). District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To place isolation valves to repair aging infrastructure in the Bulkeley Bridge and I-84 Highway (Hartford and East Hartford).

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Water

Program – District Wide Water Main Replacement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$14,500,000		2120

Description

Design and/or construction for the rehabilitation and/or replacement of various water mains and water services throughout the District that have exceeded their useful life and/or have experienced numerous breaks. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the efficiency and safety of the District's water distribution system.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut DWSRF. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2023 Capital Improvement Program budget. These capital programs and projects provide for needed fleet and equipment replacement and upgrades, facility improvements and staffing. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Combined

Facilities/Staffing

IT Infrastructure Project	\$	2,100,000
CEM Vehicles		3,040,000
CEM Generators		267,500
Facilities		1,050,000
Engineering Services Staffing		3,645,000
Construction Services Staffing		3,830,000
Technical Services Staffing		4,360,000
Combined Total	\$	18,292,500

2023 Capital Improvement Program and Integrated Plan

Combined

The following positions are included in the combined capital program:

Authorized Positions

<u>Title</u>	<u>Number</u>
Assistant Manager of Construction & Inspection	1
Construction & Utility Services Supervisor	4
Construction Manager	6
Durational Project Engineer	1
Engineer Technician 3	1
Manager of Construction & Inspection Services	1
Manager of Engineering Services	1
Manager of Technical Services	1
Principal Construction Engineering Technician	1
Project Engineer 2	2
Project Manager	11
Real Estate Administrator	1
Senior Project Manager	2
Senior Clerk	2
Senior Engineering Technician	1
Senior Project Manager	3
Supervisor Inspector	1
Total	40

2023 Capital Improvement Program and Integrated Plan

Combined

Program – 2023 Information Technology Infrastructure Project

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,100,000		2130

Description

To upgrade District- wide infrastructure by implementation of data center load balancer hardware refresh, Hartford and Springfield data center server refresh, IT firewall refresh SCADA firewall refresh, Wireless LAN controller and wireless AP refresh, telecom closet refresh. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

District-wide Information Technology infrastructure upgrade.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Combined

Program – Fleet and Equipment Replacement and Upgrades

Amount
\$3,040,000

Project #

Fund
2130

Description

This program consists of replacement and/or upgrades to the District's transportation and power operated equipment fleet and related/associated components. These vehicles, equipment and related/ associated components are intended to extend and enhance the capacity and capabilities of the District Labor support provided by, but not limited to, District technicians, mechanics, operating and engineering staff. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To maintain and upgrade the District's fleet and equipment.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Combined

Program – Generators Rehabilitation Renewal

Amount
\$267,500

Project #

Fund
2130

Description

To replace a variety of generators to support the District's pump stations. These generators related/ associated components are intended to replace aging pump water generators, that are considered no long reliable or cost effective to maintain.

Purpose

To replace and upgrade the District's generators equipment.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Combined

Program – Facilities and Equipment Improvements

Amount
\$1,050,000

Project #

Fund
2130

Description

Design and construction of a variety of improvements including renewal and replacements at District Administrative, Operational, and Maintenance facilities which will address building envelopment, structural, architectural, mechanical, electrical, plumbing, fire protection, HVAC, security, site improvements, environmental abatement, and other relevant work. The project also includes equipment upgrades. District forces may be utilized for this program. The District cost may include salary, benefits, and overhead.

Purpose

To ensure the continued efficient and effective operation of the District's facilities and related equipment.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Combined

Program - Engineering Services Staffing

Amount
\$3,645,000

Funds Center
C1H03

Fund
2130

Description

Staffing costs

Purpose

The Engineering Services department holds responsibility for developing and designing the District's capital improvement projects. Projects include improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants.

Future Appropriations

Future appropriation requests for this purpose are anticipated over the next four years.

Bond Language

Authorized Positions

<u>Title</u>	<u>Number</u>
Construction Manager	2
Manager of Engineering Services	1
Project Manager	5
Senior Project Manager	<u>3</u>
Total	11

2023 Capital Improvement Program and Integrated Plan

Combined

Program – Construction Services Staffing

<u>Amount</u>	<u>Funds Center</u>	<u>Fund</u>
\$3,830,000	C1H04	2130

Description

Staffing costs

Purpose

The Construction Services department holds responsibility for construction for of 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 sewer treatment plants. For 2023, we have consolidated Survey & Inspection (C1H02) with the Construction (C1H04) department.

Future Appropriations

Future appropriation requests for this purpose are anticipated over the next four years.

Bond Language

Authorized Positions

<u>Title</u>	<u>Number</u>
Assistant Manager of Construction & Inspection	1
Construction & Utility Services Supervisor	4
Construction Manager	3
Engineer Technician 3	1
Manager of Construction & Inspection Services	1
Principal Construction Engineering Technician	1
Project Manager	1
Senior Clerk	1
Senior Engineering Technician	1
Supervisor Inspector	<u>1</u>
Total	15

2023 Capital Improvement Program and Integrated Plan

Combined

Program - Technical Services Staffing

Amount
\$4,360,000

Funds Center
C1H05

Fund
2130

Description

Staffing costs

Purpose

The Technical Services department holds responsibility for providing technical support to all of the District's capital improvement projects, Clean Water Project and Integrated Plan 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.

Future Appropriations

Future appropriation requests for this purpose are anticipated over the next four years.

Bond Language

Authorized Positions

<u>Title</u>	<u>Number</u>
Construction Manager	1
Durational Project Engineer	1
Manager of Technical Services	1
Project Engineer 2	2
Project Manager	5
Real Estate Administrator	1
Senior Project Manager	2
Senior Clerk	1
Total	14

2023 Capital Improvement Program and Integrated Plan

Hydro Rehabilitation

The following is a list of the recommended Hydro capital program and project to be funded through the MDC's 2023 Capital Improvement Program budget. These capital programs and projects provide for needed modernization to the District's Goodwin Hydroelectric Facility.

Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Hydro Rehabilitation

Goodwin Hydroelectric Controls Upgrade Project	\$ 2,000,250
Hydro Total	\$ 2,000,250

2023 Capital Improvement Program and Integrated Plan

Hydro Rehabilitation

Program – Goodwin Hydroelectric Controls Upgrade Project

Amount
\$2,000,250

Project #

Fund
2150

Description

To provide design and construction of upgrades to the electrical, instrumentation and controls systems at the Goodwin Hydroelectric Facility. Planned improvements include the installation of a new governor system, replacement of hydraulic power units, electrical/controls replacements, and various appurtenant work related to these modifications. This project is intended to enhance the effectiveness of, and extend and enhance the asset life. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Infrastructure rehabilitation, upgrades and replacement work at the Goodwin Hydroelectric Facility including mechanical, electrical, instrumentation and controls systems.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

The following is a list of the recommended Integrated Planning programs and projects to be funded through the MDC's 2023 Integrated Plan request. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Integrated Plan

Various Sewer Pipe Replacement/Rehabilitations - District-wide	\$ 8,925,000
Large Diameter Sewer Rehabilitation Program	16,170,000
Sewer Collection Gates	5,025,000
N-18 Sewershed Inflow/Infiltration Reduction	945,000
Rocky Hill -2A/B Sewershed Inflow/Infiltration Reduction	1,200,000
I-4 (N-30)	200,000
North Branch Park River Drainage Study/Separation	1,000,000
Granby 7 Sewer Separation	1,800,000
Program Management Consultant	4,000,000
Wethersfield Cove Drop Shaft Connections - Phases 1 & 2	525,000
Hartford Water Pollution Control Facility -Sludge Equalization Facility	5,000,000
Private Property Inflow Disconnect/Back Water Valve Program	1,500,000
Integrated Plan Total	\$ 46,290,000

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Various Sewer Pipe Replacement/Rehabilitations - District-wide

Amount
\$8,925,000

Project #

Fund
2600

Description

Design and construction of sewer system repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide. The replacement, rehabilitation and or upgrade of District equipment. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, upgrade or replace aging sewer pipelines and structures.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Large Diameter Sewer Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$16,170,000		2600

Description

This project will include the rehabilitation of large diameter sewers (combined and separated) located within the Hartford WPCF sewershed. Sewer rehabilitation based on recommendations from recently completed large diameter sewer inspection programs. This project will reduce CSOs in the Hartford WPCF collection system, via I/I reduction in the large diameter Hartford sewers. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate aging infrastructure in the Hartford Water Pollution Control Facility sewershed.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Sewer Collection Gates

Amount
\$5,025,000

Project #

Fund
2600

Description

To improve the existing sanitary sewer collection system gates, as required for Consent Order Compliance. District and outside forces may be utilized for this program. District costs may include salary, benefits and overhead.

Purpose

To improve the lifespan and functionality of District sanitary sewer collection gates.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – N-18 Sewershed Inflow/Infiltration Reduction

Amount
\$945,000

Project #

Fund
2600

Description

This project will include I/I reduction in Newington, as required for Consent Decree Compliance. District and outside forces may be utilized for this program. District costs may include materials, equipment, salary, benefits and overhead.

Purpose

To eliminate and reduce inflow and infiltration sources from the sanitary sewer system.

Future Appropriations

Future appropriation requests for additional projects are anticipated for the next year.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Rocky Hill -2A/B Sewershed Inflow /Infiltration Reduction

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,200,000		2600

Description

This project will include I/I reduction in the RHWPCF Sewershed, as required for Consent Decree Compliance. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To eliminate and reduce the inflow and infiltration sources on the Rocky Hill Water Pollution Control Facility sewershed.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next two years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – I-4 (N30)

Amount
\$200,000

Project #

Fund
2600

Description

This project will include the rehabilitation and or replacement of sewers (combined and separated) located within the Hartford WPCF sewershed, as required to achieve Consent Order Compliance with CSO N-30. Sewer rehabilitation based on recommendations from recently completed large diameter sewer Inspection programs. This project will reduce CSOs in the Hartford WPCF collection system, via I/I reduction in the large diameter Hartford sewers. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Infrastructure rehabilitation within the Hartford Water Pollution Control Facility.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – North Branch Park River Drainage Study/Separation

Amount
\$1,000,000

Project #

Fund
2600

Description

Preliminary design for sewer separation in the North Branch Park River Drainage area, as required for Consent Order Compliance. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Preliminary design for the sewer separation in the North Branch Park River Drainage area.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Granby 7 Sewer Separation

Amount
\$1,800,000

Project #

Fund
2600

Description

This project will complete the Final Design Phase for the Granby 7 Sewer Separation Design in the North Branch Park River Drainage District, as required for Consent Order Compliance. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Final design for the Granby 7 sewer separation in the North Branch Park River Drainage area.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next three years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Program Management Consultant

Amount
\$4,000,000

Project #

Fund
2600

Description

To satisfy the Program Management Consultant requirement for Consent Order Compliance. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To conform with Consent Order Compliance.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Wethersfield Cove, Drop Shaft Connections – Phases 1 & 2

Amount
\$525,000

Project #

Fund
2600

Description

To complete the Final Design for the Wethersfield Cove, Drop Shaft Connections – Phases 1 & 2, as required for Consent Order Compliance. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To conform with Consent Order Compliance.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Hartford Water Pollution Control Facility Sludge Equalization Facility

Amount
\$5,000,000

Project #

Fund
2600

Description

This project will provide an upgrade to the Sludge Equalization Facilities at the HWPCF. Project will include all mechanical, electrical, structural, architectural, instrumentation, and control. Consultant services shall include both engineering and inspection services. District forces may be utilized for a portion of this project. The District cost may include salary, benefits, and overhead. Project will utilize \$2.5M Grant as authorized by USEPA.

Purpose

To upgrade the Sludge Equalization Facilities at the HWPCF.

Future Appropriations

No additional appropriation requests are anticipated over the next four years.

Bond Language

Funding Sources

Project is eligible for a loan under the State of Connecticut Clean Water Fund. However, funding is a condition of priority ranking and fund availability.

2023 Capital Improvement Program and Integrated Plan

Integrated Plan

Program – Private Property Inflow Disconnect / Back Water Valve Program

Amount
\$1,500,000

Project #

Fund
2600

Description

This Program will include the inspection of private property sewer laterals in order to identify defects and/or infiltration sources. The program will also include the installation and or replacement of backwater, and/or additional work required to remove private inflow sources as needed to protect customers from sewer surcharging. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To eliminate infiltration and inflow sources from the sewer system.

Future Appropriations

Future appropriation requests for additional projects are anticipated over the next four years.

Bond Language