

2021 Adopted Capital Improvement Budget



The Metropolitan District
Hartford, CT

2021 Capital Improvement Program

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 objective of the program 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. 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.

Major Capital Improvement Components

Wastewater

The primary projects included in this budget 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.

EHWPCF Aeration, DO Control & SCADA Upgrades	\$10,000,000
Various Sewer Pipe Replacement/Rehabilitation Program	\$ 8,000,000
Large Diameter Sewer Cleaning Program	\$ 5,000,000
Sanitary Sewer Repair and Rehabilitation Program	\$ 5,800,000

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 2021 and listed below are some of the major expenditures demonstrating that level of commitment.

District-wide Water Main Replacement Program	\$15,000,000
Wickham Hill Area Water Main Replacement, East Hartford	\$ 7,500,000
New Park Avenue Water Main Replacement, West Hartford	\$ 3,400,000

2021 Capital Improvement Program

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 during 2021.

The District submitted an Integrated Plan to CT DEEP as part of its Consent Order required CSO Long Term Control Plan Update in December 2018. Modifications and an Executive Summary were most recently submitted in May 2020. This Plan has not yet been approved by CT DEEP. In the absence of approval, multiple rehabilitation and/or repair projects have been included in the 2021 CIP in order to maintain compliance with EPA's Consent Decree required CMOM Program.

2021 Capital Improvement Program

Summary

<u>Wastewater</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
New Park Avenue Sewer Rehabilitation	\$ 600,000	\$ -	\$ -	\$ -	\$ -
Northern Interceptor Sewer Rehab/Replacement	2,500,000	-	-	-	-
Nook Farm Trunk/Flower Street Sewer Rehabilitation	600,000	-	-	-	-
Large Diameter Sewer Cleaning Program	5,000,000	-	5,000,000	-	5,000,000
Sanitary Sewer Repair and Rehabilitation Program	5,800,000	5,000,000	5,000,000	5,000,000	5,000,000
Paving Program & Restoration	1,500,000	3,000,000	3,000,000	-	3,000,000
Various Sewer Pipe Replacement/Rehabilitation Program	8,000,000	5,500,000	7,000,000	7,000,000	7,000,000
WPC Infrastructure Rehabilitation, Upgrades & Replacements	3,000,000	8,000,000	8,000,000	8,000,000	7,000,000
EHWPCF Aeration, DO Control & SCADA Upgrades - Phase 3B	10,000,000	-	-	-	-
Large Diameter Sewer Rehab Program	-	10,000,000	9,240,000	4,180,000	15,950,000
General Purpose Sewer	-	3,000,000	3,000,000	-	3,000,000
Assessable Sewer Program	-	-	100,000	-	-
Dividend Brook Drainage Area (Phase 1)	-	-	-	5,200,000	-
Dividend Brook Drainage Area (Phase 2)	-	-	-	-	5,000,000
Dividend Brook Drainage Area (Phase 3)	-	-	7,500,000	-	-
CSO LTCP/IP Small Diameter Pipe Rehabilitation Program	-	10,000,000	-	6,300,000	-
WW Pump Stations and Equipment	-	1,000,000	1,000,000	-	1,000,000
Private Property Inflow Disconnect Program	-	-	-	100,000	-
Backwater Valve Program	-	-	100,000	-	-
Total Wastewater	\$ 37,000,000	\$ 45,500,000	\$ 48,940,000	\$ 35,780,000	\$ 51,950,000

2021 Capital Improvement Program

Summary

<u>Water</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Paving Program & Restoration	\$ 2,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
General Purpose Water Program	1,200,000	1,500,000	1,500,000	2,000,000	2,000,000
District-Wide Water Main Replacement Program	15,000,000	15,000,000	15,000,000	15,000,000	20,000,000
WTP Infrastructure Rehabilitation, Upgrades & Replacements	2,500,000	2,000,000	1,000,000	5,000,000	5,000,000
New Park Avenue Water Main Replacement	3,400,000	-	-	-	-
Wickham Hill Area Water Main Replacement	7,500,000	-	-	-	-
Water Storage Tank Rehabilitation & Improvement	1,000,000	-	-	-	-
Capitol Avenue Area Water Main Replacement	-	10,000,000	-	-	-
Sisson Avenue Area Water Main Replacement	-	10,000,000	-	-	-
Radio Frequency Automated Meter Reading Program	-	2,000,000	-	2,000,000	-
Water Supply Improvements - Facilities & Dams	-	2,000,000	-	2,000,000	-
Water Pump Stations and Equipment and Water Tank and Basin Rehab, Repair & Improvements	-	-	1,000,000	-	1,000,000
Washington & Jefferson Street Area Water Main Replacement	-	-	5,500,000	-	-
Levee Protection - Water	-	-	800,000	-	-
Assessable Water Program	-	-	1,000,000	-	-
WH Filters WTP 6 MG Basin Rehabilitation	-	-	4,000,000	-	-
Dart Street & Arlington Street Area Water Main Replacement	-	-	5,000,000	-	-
Bishops Corner Area Water Main Replacement	-	-	3,500,000	-	-
Water Main Replacement Projects	-	-	-	10,000,000	10,000,000
Total Water	\$ 32,600,000	\$ 45,500,000	\$ 41,300,000	\$ 39,000,000	\$ 41,000,000

2021 Capital Improvement Program

Summary

<u>Combined</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Fleet and Equipment Replacement and Upgrades	\$ 2,100,000	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000
Facility and Equipment Improvements	500,000	-	2,000,000	-	2,000,000
Business Application Expansion	3,500,000	3,500,000	3,500,000	-	-
Information Systems I/T Upgrade	-	5,000,000	-	-	5,000,000
Inspection Services	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000
Engineering Services	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Construction Services	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Technical Services	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000
Total Combined	\$ 20,400,000	\$ 22,800,000	\$ 26,800,000	\$ 14,300,000	\$ 23,300,000

2021 Capital Improvement Program

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 **\$21,842,967**, 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 a supplemental \$158,800,000 appropriation of grants, 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.

2021 Capital Improvement Program

Appropriation

The Metropolitan District's Capital Improvement Program budget for 2021 totals \$90,000,000 as reflected in the following summary. Wastewater programs total \$37,000,000; water programs total \$32,600,000; and combined programs total \$20,400,000.

Wastewater

Wastewater Collection

New Park Avenue Sewer Replacement, West Hartford	\$ 600,000
Northern Interceptor Sewer Rehabilitation/Replacement, East Hfd	2,500,000
Nook Farm Trunk/Flow Street Sewer Rehabilitation, Hartford	600,000
Large Diameter Sewer Cleaning Program	5,000,000
Sanitary Sewer Repair and Rehabilitation Program	5,800,000
Paving Program and Restoration	1,500,000
Various Sewer Pipe Replacement/Rehabilitation	8,000,000

Wastewater Treatment

Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements	3,000,000
EHWPCF - Phase 3B Aeration, DO Control, SCADA Upgrades and Facility Improvements	10,000,000

Total Wastewater **\$ 37,000,000**

Water

Water Supply, Treatment, Transmission and Distribution

General Purpose Water Program	\$ 1,200,000
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Water Distribution

Paving Program and Restoration	2,000,000
New Park Avenue Water Main Replacement, West Hartford	3,400,000
Wickham Hill Area Water Main Replacement, East Hartford	7,500,000
Water Storage Tank Rehabilitation and Improvement	1,000,000
District-wide Water Main Replacement Program	15,000,000
Water Treatment Facilities Infrastructure Rehabilitation Upgrades and Replacements	2,500,000

Total Water **\$ 32,600,000**

Combined

Facilities/Staffing

Fleet and Equipment Replacement and Upgrade	\$ 2,100,000
Administrative Facilities and Equipment Improvements	500,000
Business Application Expansion and Enhancements	3,500,000
Inspection Services	3,800,000
Engineering Services	4,000,000
Construction Services	2,000,000
Technical Services	4,500,000

Total Combined **\$ 20,400,000**

2021 Capital Improvement Program

Sewer

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2021 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 Collection

New Park Avenue Sewer Replacement, West Hartford	\$ 600,000
Northern Interceptor Sewer Rehabilitation/Replacement, East Hfd	2,500,000
Nook Farm Trunk/Flow Street Sewer Rehabilitation, Hartford	600,000
Large Diameter Sewer Cleaning Program	5,000,000
Sanitary Sewer Repair and Rehabilitation Program	5,800,000
Paving Program and Restoration	1,500,000
Various Sewer Pipe Replacement/Rehabilitation	8,000,000

Wastewater Treatment

Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements	3,000,000
EHWPCF - Phase 3B Aeration, DO Control, SCADA Upgrades and Facility Improvements	<u>10,000,000</u>

Total Wastewater **\$ 37,000,000**

2021 Capital Improvement Program

Sewer

Program – New Park Avenue Sewer Rehabilitation, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$600,000	C-21000	2110

Description

Construction, inspection and associated work for the rehabilitation of existing sanitary sewer mains in New Park Avenue, West Hartford. The project will rehabilitate existing sewer segments identified under CMOM program and incorporated into New Park Avenue water main replacement project.

Purpose

To replace aging pipelines and structures.

Future Appropriations

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

Bond Language

The sum of \$600,000 is hereby appropriated for the rehabilitation of existing sanitary sewer mains in New Park Avenue in West Hartford, 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.

2021 Capital Improvement Program

Sewer

Program – Northern Interceptor Sewer Rehabilitation, East Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,500,000	C-21001	2110

Description

Construction, inspection and associated work for the rehabilitation of existing Northern Interceptor sanitary sewer main segments from the Mohawk Pump Station to the East Hartford Water Pollution Control Facility in East Hartford. The project will rehabilitate existing sewer segments identified under CMOM program.

Purpose

To replace aging pipelines and structures.

Future Appropriations

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

Bond Language

The sum of \$2,500,000 is hereby appropriated for the rehabilitation of existing Northern Interceptor sanitary sewer main fragments from the Mohawk Pump Station to the East Hartford Water Pollution Control Facility in East Hartford, 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 project. The District costs may include salary, benefits and overhead.

2021 Capital Improvement Program

Sewer

Program – Nook Farm Trunk Sewer and Flower Street Sewer Rehabilitation Design, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$600,000	C-21002	2110

Description

Design services for the rehabilitation and replacement of Nook Farm trunk sewer and Flower Street sewer main, Hartford. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

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

Bond Language

The sum of \$600,000 is hereby appropriated for design services for the rehabilitation and replacement of the Nook Farm trunk sewer and the Flower Street sewer main in Hartford, including 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.

2021 Capital Improvement Program

Sewer

Program – Large Diameter Sewer Cleaning Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	C-21003	2110

Description

Inspection and/or cleaning of large diameter sewers in the Hartford Water Pollution Control Facility sewershed, as required to maintain adequate collection system capacities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade sanitary sewer pipelines.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the inspection and/or cleaning of large diameter sewers in 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 project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

2021 Capital Improvement Program

Sewer

Program – Sanitary Sewer Repair and Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,800,000	C-21004	2110

Description

Design and construction of sewer system repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide. Sewers are identified based upon member town paving programs, prior sewer inspections or sewer age and/or materials. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To repair, rehabilitate or replace sanitary sewer pipelines.

Future Appropriations

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

Bond Language

The sum of \$5,800,000 is hereby appropriated for the design and construction of sewer system repairs, replacements and rehabilitation measures for aging and deteriorating District infrastructure, 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.

2021 Capital Improvement Program

Sewer

Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,500,000	C-99P21	2110

Description

Final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by MDC sewer projects. Also included are costs for disposal of unsuitable materials and usage of material from stock. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$1,500,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by District sewer projects, including design, construction and inspection costs, engineering and professional fees, materials, costs related to the disposal of unsuitable materials, the usage of material from stock, 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.

2021 Capital Improvement Program

Sewer

Program – Various Sewer Pipe Replacement/Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$8,000,000	C-21005	2110

Description

Design and construction of sewer system repairs, replacements and rehabilitation measures necessary due to aging and deteriorating infrastructure. Work will include, but not be limited to, emergency repairs as identified via on-going inspection and the Large Diameter Sewer Rehabilitation Program. District or outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate, repair or replace sanitary sewer pipelines, including pipelines that include various materials, but not limited to black styrene pipe, tile pipe, and concrete pipe.

Future Appropriations

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

Bond Language

The sum of \$8,000,000 is hereby appropriated for the design and construction of sewer system repairs, replacements and rehabilitation measures necessary due to aging and deteriorating District infrastructure, 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.

2021 Capital Improvement Program

Sewer

Program – Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	C-21006	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, instrumentation and controls systems. This project will rehabilitate multiple water pollution control assets to improve operational readiness/reliability, safety, increase wastewater processing capabilities and add/enhance asset life. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Infrastructure rehabilitation, upgrades and replacement work at all four water pollution control facilities including mechanical, electrical, instrumentation, and controls systems. Safety improvements are also planned.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the design and construction of various infrastructure renewals and replacements at the District's water pollution control facilities, including mechanical, electrical, instrumentation and controls systems upgrades, rehabilitation costs, 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.

2021 Capital Improvement Program

Sewer

Program – East Hartford Water Pollution Control Facility - Phase 3B Aeration, DO Control, SCADA Upgrades and Facility Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$10,000,000	C-21007	2110

Description

This project will construct improvements to the secondary treatment processes as well as infrastructure rehabilitation and upgrades. Improvements will include replacement of aeration tank process piping, valves, and meter and the installation of three new submersible mixers and replace all existing diffusers in all aeration tanks to improve treatment including BNR and improve energy efficiency. SCADA programming and upgrades will be included to update BNR process control. Other improvements include roof replacements at the sludge holding and a portion of the administration building in addition to roof repairs throughout the facility, replacement of the sludge transfer pumps and valves, updating building control access, and other electrical improvements. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Aeration, DO control, SCADA upgrades and Infrastructure rehabilitation, improvements and replacement work at the EHWPCF.

Future Appropriations

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

Bond Language

The sum of \$10,000,000 is hereby appropriated for improvements to the secondary treatment processes and infrastructure rehabilitation and upgrades to the East Hartford Water Pollution Control Facility, including the replacement of aeration tank process piping, valves and meters, installation of submersible mixers, replacement of diffusers in aeration tanks, SCADA programming and upgrades, roof replacements, replacement of sludge transfer pumps and valves, updating building control access, electrical improvements, 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.

2021 Capital Improvement Program

Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2021 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

Water Supply, Treatment, Transmission and Distribution

General Purpose Water Program	\$	1,200,000
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Water Distribution

Paving Program and Restoration		2,000,000
New Park Avenue Water Main Replacement, West Hartford		3,400,000
Wickham Hill Area Water Main Replacement, East Hartford		7,500,000
Water Storage Tank Rehabilitation and Improvement		1,000,000
District-wide Water Main Replacement Program		15,000,000
Water Treatment Facilities Infrastructure Rehabilitation Upgrades and Replacements		2,500,000
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Total Water	\$	32,600,000
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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.

2021 Capital Improvement Program

Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,200,000	C-21008	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. Consultant, contractor, or district 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 other projects are anticipated over the next four years.

Bond Language

The sum of \$1,200,000 is hereby appropriated for 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, 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 project. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

2021 Capital Improvement Program

Water

Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	C-99P21	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 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

The sum of \$2,000,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by District water projects, including design, construction and inspection costs, engineering and professional fees, materials, costs related to the disposal of unsuitable materials, the usage of material from stock, 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.

2021 Capital Improvement Program

Water

Program – New Park Avenue Water Main Replacement, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,400,000	C-21009	2120

Description

Construction, inspection and associated work for the replacement of two existing water mains and service reconnections in New Park Avenue, West Hartford. The project will replace the existing 6-inch and 10-inch mains with a new 12-inch water main.

Purpose

To replace aging water mains with multiple break history.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$3,400,000 is hereby appropriated for the replacement of existing water mains and service reconnections in New Park Avenue in West Hartford, 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.

2021 Capital Improvement Program

Water

Program – Wickham Hill Area Water Main Replacement, East Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$7,500,000	C-21010	2120

Description

Construction, inspection and associated work for the replacement of 3,600 of existing water mains and service reconnections in the East Hartford Wickham Hill Area. The project will include, but not be limited to, Cummings Street, Walnut Street, Home Terrace, Highview Street, Edgewood Street, Mountain View Drive, Brookline Drive, Bergren Drive, Christine Drive, Arbutus Street and Rondy Lane.

Purpose

To replace aging and undersized water mains with multiple break history.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$7,500,000 is hereby appropriated for the replacement of existing water mains and service reconnections in the Wickham Hill area in East Hartford, 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.

2021 Capital Improvement Program

Water

Program – Water Storage Tank Rehabilitation and Improvement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	C-21011	2120

Description

To extend the lifespan, improve the condition and enhance the water quality, security, efficiency and safety of the District's water storage tanks and basins. Scope of work includes the painting, rehabilitation and site safety and utility improvements to Day Hill Tank in Windsor. Projects may also include electrical, mechanical, structural, or site safety upgrades. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the lifespan and functionality of District water storage tanks/basins.

Future Appropriations

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

Bond Language

The sum of \$1,000,000 is hereby appropriated to extend the lifespan, improve the condition and enhance the water quality, security, efficiency and safety of the District's water storage tanks and basins, including painting, utility and site utility improvements, electrical, mechanical, structural or site safety upgrades, design, rehabilitation, construction and inspection costs, engineering and professional fees, utility and site utility improvements, 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.

2021 Capital Improvement Program

Water

Program – District-wide Water Main Replacement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$15,000,000	C-21012	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

The sum of \$15,000,000 is hereby appropriated for the rehabilitation and/or replacement of various water mains and water services throughout the District, 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.

2021 Capital Improvement Program

Water

Program – Water Treatment Facilities Infrastructure Rehabilitation, Upgrades and Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,500,000	C-21013	2120

Description

Design and/or construction of infrastructure rehabilitation, upgrades and replacements at the District's three water treatment facilities. Projects will address process, mechanical, electrical, instrumentation and controls systems upgrades and will improve treatment processes, operational reliability and life safety systems and are intended to extend and enhance asset life. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Infrastructure rehabilitation, upgrades and replacement work may include mechanical, electrical, instrumentation, and controls systems.

Future Appropriations

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

Bond Language

The sum of \$2,500,000 is hereby appropriated for infrastructure rehabilitation, upgrades and replacements at the District's water treatment facilities, including process, mechanical, electrical, instrumentation and controls systems upgrades, 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.

2021 Capital Improvement Program

Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2021 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

Fleet and Equipment Replacement and Upgrade	\$	2,100,000
Administrative Facilities and Equipment Improvements		500,000
Business Application Expansion and Enhancements		3,500,000
Inspection Services		3,800,000
Engineering Services		4,000,000
Construction Services		2,000,000
Technical Services		4,500,000
Total Combined	\$	20,400,000

2021 Capital Improvement Program

Combined

The following positions are included in the combined capital program:

Authorized Positions

<u>Title</u>	<u>Number</u>
Community Affairs Assistant	1
Construction Manager	8
Construction Services Supervisor	4
Design Manager	1
Durational Project Engineer	1
Engineering Technician 2	3
Engineering Technician 3	6
Manager of Construction & Inspection Services	1
Manager of Technical Services	1
Principal Constr. Engineer Tech 1	1
Project Engineer 1	2
Project Engineer 2	6
Project Managers	7
Senior Clerk	2
Senior Engineer Technician	1
Real Estate Administrator	1
Senior Project Manager	5
Survey Chief of Party	<u>2</u>
Total	53

2021 Capital Improvement Program

Combined

Program – Fleet and Equipment Replacement and Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,100,000	C-99F21	2130

Description

This program consists of replacement and/or upgrades to the District's transportation and power operated equipment fleet and related/associated components. This project will replace approximately 16 vehicles including pick-up trucks, dump trucks, and utility vans and 10 generators both fixed and mounted as part of the Fleet Modernization Plan. District 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

Additional appropriation requests are anticipated over the next four years.

Bond Language

The sum of \$2,100,000 is hereby appropriated for the replacement and/or upgrades to the District's transportation and power operated equipment fleet and related/associated components, including trucks, utility vans, generators, 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.

2021 Capital Improvement Program

Combined

Program – Facilities and Equipment Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$500,000	C-21014	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 and site improvements, environmental abatement, and other relevant work. This project also includes equipment upgrades. District forces may be utilized for this program. The District costs 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 other projects are anticipated over the next four years.

Bond Language

The sum of \$500,000 is hereby appropriated for the design and construction of improvements at District administrative, operational and maintenance facilities, including design and construction costs, architectural fees, mechanical, electrical and plumbing costs, HVAC upgrades and repairs, fire protection upgrades, security and site improvements, environmental abatement costs, 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.

2021 Capital Improvement Program

Combined

Program – Business Application Expansion and Enhancements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,500,000	C-21015	2130

Description

This project includes but is not limited to the purchase, upgrade and/or replacement of business application software, supporting infrastructure hardware and consulting services as required to continue adopting advancements in the suite of applications used by the District and in supporting business objectives for the use of technology. It will support non-routine items needed to ensure regulatory reporting and upgrades required to avoid obsolescence of applications or modules. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To ensure the continued efficient and effective operation of the District's business applications and to enhance the benefits of the system.

Future Appropriations

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

Bond Language

The sum of \$3,500,000 is hereby appropriated to purchase, upgrade and/or replace business application software, including costs associated with supporting infrastructure hardware, consulting services, technology improvements and upgrades, professional fees, 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.

2021 Capital Improvement Program

Combined

Program – Inspection Services

<u>Amount</u> \$3,800,000	<u>Funds Center</u> C1H02	<u>Fund</u> 2130
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Description

Staffing costs

Purpose

The Inspection Services department holds responsibility for the construction inspection of all water and sewer projects within the District's service area, including projects installed under District contract and developer permit agreements.

Future Appropriations

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

Bond Language

The sum of \$3,800,000 is hereby appropriated for the construction inspection of all water and sewer projects within the District's service area, including projects installed under District contract and developer permit agreements, including 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.

Authorized Positions

<u>Title</u>	<u>Number</u>
Senior Clerk	1
Engineering Technician 3	6
Senior Engineer Technician	1
Construction Services Supervisor	4
Principal Constr. Engineer Tech 1	1
Total	13

2021 Capital Improvement Program

Combined

Program - Engineering Services

<u>Amount</u> \$4,000,000	<u>Funds Center</u> C1H03	<u>Fund</u> 2130
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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

The sum of \$4,000,000 is hereby appropriated for engineering services 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 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.

Authorized Positions

<u>Title</u>	<u>Number</u>
Design Manager	1
Construction Manager	4
Project Engineer 1	1
Project Manager	3
Project Engineer 2	4
Senior Project Manager	<u>2</u>
Total	15

2021 Capital Improvement Program

Combined

Program - Construction Services

<u>Amount</u> \$2,000,000	<u>Funds Center</u> C1H04	<u>Fund</u> 2130
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Description

Staffing costs

Purpose

The Construction Services department holds responsibility for the management 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.

Future Appropriations

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

Bond Language

The sum of \$2,000,000 is hereby appropriated for construction services 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, including 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.

Authorized Positions

<u>Title</u>	<u>Number</u>
Mgr. of Construction & Inspection Svcs	1
Construction Manager	3
Project Manager	1
Project Engineer 2	1
Total	6

2021 Capital Improvement Program

Combined

Program - Technical Services

<u>Amount</u> \$4,500,000	<u>Funds Center</u> C1H05	<u>Fund</u> 2130
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Description

Staffing costs

Purpose

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

The sum of \$4,500,000 is hereby appropriated for technical services to provide technical support for the District's capital improvement projects and clean water 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 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.

Authorized Positions

<u>Title</u>	<u>Number</u>
Manager of Technical Services	1
Community Affairs Asst	1
Durational Project Engineer	1
Construction Manager	1
Project Engineer 2	1
Project Engineer 1	1
Project Manager	3
Senior Clerk	1
Senior Project Manager	3
Engineering Tech 2	3
Survey Chief of Party	2
Real Estate Administrator	1
Total	19

2021 Capital Improvement Program

Referendum 1

Program – Clean Water Project – Referendum 1

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$800,000,000	CW1.000000.00	2300

Description

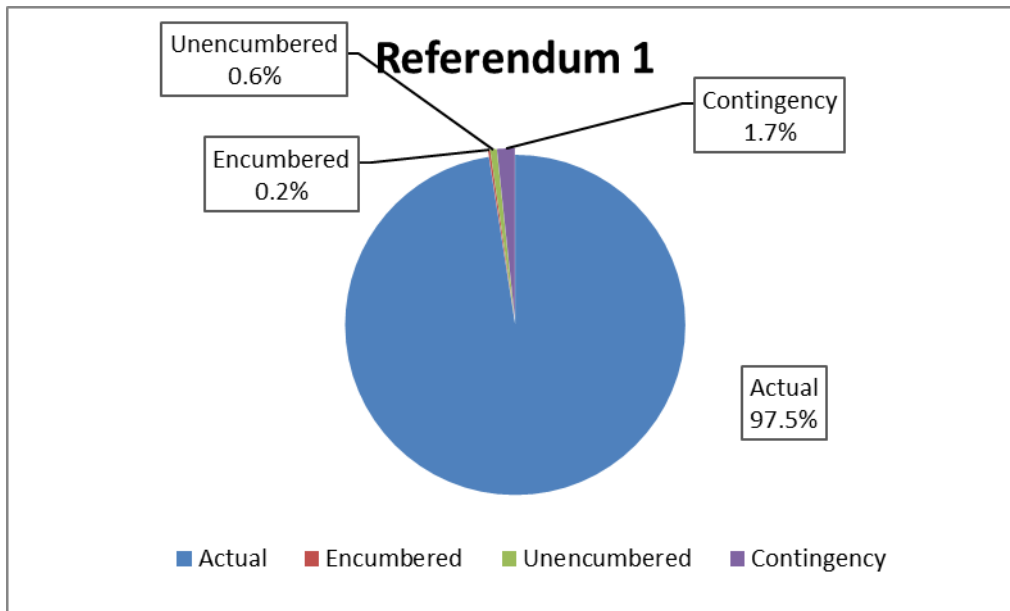
The 2006 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2006.

Purpose

The Clean Water Project includes programs to control combined sewer overflows, eliminate structural sanitary sewer overflows, and reduce nitrogen discharges to the Connecticut River. These programs are being implemented pursuant to a Consent Order with the Connecticut Department of Energy and Environmental Protection, a Consent Decree with the United States Environmental Protection Agency, and the District's discharge permit for nitrogen.

Referendum 1

Actual	\$ 780,110,163.60
Encumbered	1,573,038.91
Unencumbered	4,944,704.30
Contingency	13,372,093.19
	<u>\$ 800,000,000.00</u>



2021 Capital Improvement Program

Referendum 1

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
C-10008	CW1.NSSTOW.02 2010 Tower Ave South	10,000.00	10,000.00	-	-
C-11006	CW1.WTFHAR.18 2011 Wet Weather Expenses	32,102,142.26	31,494,239.87	4.60	607,897.79
C-12001	CW1.SSONWT.07 2012 Cedar Newington	4,588,400.00	3,937,769.30	4,706.25	645,924.45
C-12010	CW1.SSORKH.07 2012 RH Interceptor	35,833,363.00	32,845,808.39	78,136.27	2,909,418.34
C-12011	CW1.SSOWHA.07 2012 WH SSES	1,537,500.00	977,569.14	436,028.36	123,902.50
C-13000	CW1.SSOGEN.13 - 2013 SSO Elimination	1,892,077.68	1,604,178.02	-	287,899.66
C-13001	CW1.SSSPAR.11 - 2013 Green Infrastructure	688,429.65	605,082.99	-	83,346.66
C-13018	CW1.WTFHAR.20 2013 WWEP #2012-20	90,197,246.25	90,168,900.86	3,050.00	25,295.39
C-15004	CW1.CONSBR.03 - 2015 Kane Brook Dsn	1,800,000.00	1,061,972.76	495,879.78	242,147.46
C-15037	CW1.TUNSTH.00 2015 South CSO Convey Tunnel	38,715,110.03	38,141,004.33	555,233.65	18,872.05
		\$ 207,364,268.87	\$ 200,846,525.66	\$ 1,573,038.91	\$ 4,944,704.30
CW1.000000. Referendum 1 Contingency		13,372,093.19			
Completed Projects		579,263,637.94			
Referendum 1		\$ 800,000,000.00			

2021 Capital Improvement Program

Referendum 1

Completed Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW1.SSOWTH.08	CLSD- 12 FOLLY BROOK	1,282,440.20	1,282,440.20	-	-
CW1.SSOWTH.10	2014 SSES Rocky Hill	9,469,907.54	9,469,907.54	-	-
CW1.SSSFRA.01	CLSD-Franklin #1- B	1,496,150.82	1,496,150.82	-	-
CW1.SSSFRA.02	CLSD-FranklinAve #7	75,512.19	75,512.19	-	-
CW1.SSSFRA.04	CLSD-Franklin #4 - D	2,134,263.04	2,134,263.04	-	-
CW1.SSSFRA.11	CLSD-Franklin11-Pk A	319,978.07	319,978.07	-	-
CW1.SSSFRA.12	CLSD-Franklin #12 -D	1,556,006.57	1,556,006.57	-	-
CW1.SSSFRA.13	Franklin Proj #13-B	39,696,418.85	39,696,418.85	-	-
CW1.SSSFRA.15	Airport Rd PS F.M.	5,044,260.37	5,044,260.37	-	-
CW1.SSSFRA.16	CLSD- Building Dis 1	543,137.15	543,137.15	-	-
CW1.SSSFRA.17	CLSD-Building Dis 2	400,481.70	400,481.70	-	-
CW1.SSSFRA.18	CLSD-Building Dis 3	316,932.80	316,932.80	-	-
CW1.SSSFRA.1A	CLSD-Franklin Ave- D	804,840.39	804,840.39	-	-
CW1.SSSFRA.4D	Franklin Proj #5-D	31,622,890.67	31,622,890.67	-	-
CW1.SSSFRA.PD	CLSD-Franklin Ave PD	2,032,185.44	2,032,185.44	-	-
CW1.SSSPAR.01	CLSD-Park River #1	580,483.36	580,483.36	-	-
CW1.SSSPAR.03	CLSD-Park River #3	904,041.42	904,041.42	-	-
CW1.SSSPAR.06	CLSD-Green Capital	983,689.36	983,689.36	-	-
CW1.SSSPAR.07	CLSD-Retreat Avenue	9,331,401.93	9,331,401.93	-	-
CW1.SSSPAR.PD	CLSD-Park River Sep	683,914.79	683,914.79	-	-
CW1.WTFHAR.01	CLSD-HWPCF Master	9,736,407.51	9,736,407.51	-	-
CW1.WTFHAR.08	CLSD-Incin #3 Rehab	43,055,158.32	43,055,158.32	-	-
CW1.WTFHAR.10	CLSD-HWPCF SCADA	854,591.82	854,591.82	-	-
CW1.WTFHAR.11	CLSD-UV Disinfection	19,105,159.61	19,105,159.61	-	-
CW1.WTFHAR.12	CLSD-Compost Bldg	1,112,844.65	1,112,844.65	-	-
CW1.WTFHAR.13	CLSD-Aeration Settle	39,458,279.26	39,458,279.26	-	-
CW1.WTFHAR.14	ASH HAND & MERCURY	14,117,939.49	14,117,939.49	-	-
CW1.WTFHAR.16	CLSD-BNR Phase II	35,419,750.97	35,419,750.97	-	-
CW1.WTFHAR.17	CLSD-2011 Solids Hlg	779,406.04	779,406.04	-	-
CW1.WTFHAR.E1	Clsd07 CWP HWPCF PHI	5,200,006.71	5,200,006.71	-	-
CW1.WTFRKH.03	CLSD-Rocky Hill	261,359.38	261,359.38	-	-
		\$ 579,263,637.94	\$ 579,263,637.94	\$ -	\$ -

2021 Capital Improvement Program

Referendum 2

Program – Clean Water Project – Referendum 2

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$940,000,000	CW2.000000.00	2400

Description

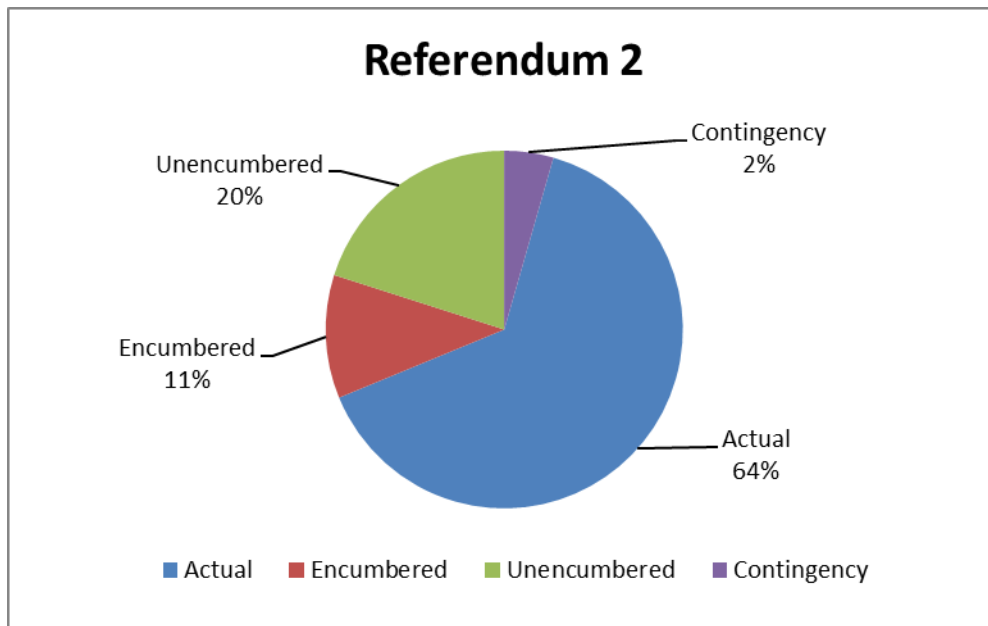
The 2012 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2012.

Purpose

The Clean Water Project includes programs to control combined sewer overflows, eliminate structural sanitary sewer overflows, and reduce nitrogen discharges to the Connecticut River. These programs are being implemented pursuant to a Consent Order with the Connecticut Department of Energy and Environmental Protection, a Consent Decree with the United States Environmental Protection Agency, and the District's discharge permit for nitrogen.

Referendum 2

Actual	\$ 604,736,499.01
Encumbered	104,798,600.35
Unencumbered	188,556,604.07
Contingency	41,908,296.57
	<u>\$ 940,000,000.00</u>



2021 Capital Improvement Program

Referendum 2

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
C-13013	CW2.WTFRKH.04 - 2013 RHWPCF Cap & Up	59,331,356.00	57,616,907.66	5,175.25	1,709,273.09
C-14000	CW2.WTFHAR.21 2014 WWEP #2012-21	182,380,980.00	181,624,024.67	475,774.54	281,180.79
C-15007	CW2.CSOGEN.17 2015 Large Diameter Clean	5,406,214.50	5,146,489.08	-	259,725.42
C-15027	CW2.CONFAR.02 2015 NNBI Rel./Oxfor	2,500,000.00	1,184,817.16	455,529.76	859,653.08
C-15033	CW2.TUNSTH.04 2015 SHCST	62,460,000.00	50,000.00	-	62,410,000.00
C-15034	CW2.TUNSTH.05 2015 SHCST	47,529,124.73	9,705,349.24	32,817,355.08	5,006,420.41
C-15035	CW2.TUNSTH.02 2015 SHCST Construction	336,495,845.00	249,221,597.06	67,796,684.32	19,477,563.62
C-15036	CW2.TUNSTH.03 2015 SHCST Pump Station	95,820,000.00	33,983.06	-	95,786,016.94
C-15038	CW2.SSOGEN.16 2015 CMOM Plan Updates	100,000.00	85,515.92	-	14,484.08
C-16010	CW2.WTFHAR.25 2016 Ash Lagoon Cl.	2,100,000.00	123,883.27	-	1,976,116.73
C-16011	CW2.SSSPAR.13 2016 BARTHOLOMEW AVENUE	1,532,009.01	78,470.31	1,453,538.70	-
C-16012	CW2.NSSGRA.04 2016 Bloomfield SSES	1,200,000.00	882,766.19	41,784.58	275,449.23
C-16013	CW2.WTFRKH.05 2016 RHWPCF Outfall	3,863,741.00	3,869,454.64	-	(5,713.64)
C-17003	CW2.CSOGRA.05 2017 North Branch PR	1,355,981.64	707,156.39	142,390.93	506,434.32
C-4A02	Clean Water Fund 2012 II	14,422,766.33	12,812,399.14	1,610,367.19	-
		\$ 816,498,018.21	\$ 523,142,813.79	\$ 104,798,600.35	\$ 188,556,604.07
CW2.000000.00	Referendum 2 Contingency	\$ 41,908,296.57			
	Completed Projects	81,593,685.22			
	Referendum 2	\$ 940,000,000.00			

Completed Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW2.MGMCWP.13	2013 CWP Admin	\$ 505,030.18	\$ 505,030.18	\$ -	\$ -
CW2.MGMCWP.14	2014 CWP Admin.	10,955,011.23	10,955,011.23	-	-
CW2.MGMCWP.16	2016 CWP Admin	10,471,683.85	10,471,683.85	-	-
CW2.MGMCWP.17	2017 CWP Admin	9,441,000.00	9,441,000.00	-	-
CW2.MGMPMC.16	2016 CWP PMC/CD	3,830,829.76	3,830,829.76	-	-
CW2.SSSPAR.10	2014 PRICRIGrit	40,684.88	40,684.88	-	-
CW2.WTFHAR.24	2013 231 BRNRD	10,421,490.76	10,421,490.76	-	-
CW2.MGMPMC.13	2013 CWP PMC	7,895,855.33	7,895,855.33	-	-
CW2.CSOGEN.16	2016 LTCP Flow Metering	1,531,681.76	1,531,681.76	-	-
CW2.MGMCWP.15	2015 CWP Admin	11,269,060.17	11,269,060.17	-	-
CW2.MGMPMC.14	2014 CWP PMC / CDM SMITH	6,914,745.94	6,914,745.94	-	-
CW2.NSSUAL.09	2014 Gully Brook Conduit Connections	425,239.63	425,239.63	-	-
CW2.SSOWHA.06	2015 Greenhurst Rd Area Sanitary Swr Imp	5,285,027.58	5,285,027.58	-	-
CW2.TUNSTH.01	2015 SHCST Utility Relocation	2,606,344.15	2,606,344.15	-	-
		\$ 81,593,685.22	\$ 81,593,685.22	\$ -	\$ -