

2020 Adopted Capital Improvement Budget



The Metropolitan District
Hartford, CT

Budget Summary

2020 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 infrastructure and water pollution control facilities. The following are some of next year's major expenditures.

General Purpose Sewer	\$ 5,000,000
Various Sewer Pipe Replacement/Rehabilitation – District wide	\$ 6,000,000
WPCF Infrastructure Rehabilitation, Upgrades & Replacements	\$15,900,000

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 2020 and listed below are some of the major expenditures demonstrating that level of commitment.

District-wide Water Main Replacement Program	\$ 9,000,000
Webster Hill Area Water Main Replacement, West Hartford	\$10,400,000
Water Main Replacement Projects, Hartford and Wethersfield	\$12,500,000

2020 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 2020. The District has recently submitted an Integrated Plan to CT DEEP as part of its Consent Order required CSO Long Term Control Plan Update. Consistent with an Integrated Plan, the submission included certain of the projects proposed to be approved in this Capital Improvement Program. In the absence of approval, the District proposes to carry these necessary projects forward in this Capital Improvement Program and will delete them from the Long Term Control Plan.

2020 Capital Improvement Program

Summary

Wastewater	2020	2021	2022	2023	2024
Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements	\$ 15,900,000	\$ 8,000,000	\$ 18,500,000	\$ 7,000,000	\$ 7,000,000
General Purpose Sewer	5,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Wastewater Pump Stations and Equipment	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000
Levee Protection System, East Hartford and Hartford	2,200,000	-	-	-	-
Paving Program & Restoration	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Sewer Rehabilitation Program	3,400,000	3,400,000	4,000,000	4,000,000	4,000,000
Various Sewer Pipe Replacement/Rehabilitations	6,000,000	6,000,000	6,180,000	6,365,000	6,556,000
Hartford Large Diameter Sewer Rehabilitation – Phase I	14,600,000	-	-	-	-
Large Diameter Sewer Rehab Program	-	22,800,000	11,800,000	13,000,000	13,000,000
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	-
Private Property Inflow Disconnect Program	-	100,000	-	-	-
Backwater Valve Program	-	-	-	100,000	-
Mountain Farms Area Sewer Main Extension, West Hartford	-	10,500,000	-	-	-
East Hartford BNR Phase 3B	-	10,400,000	-	-	-
East Hartford WPCF Plant Infrastructure Renewal and Replacements	-	-	-	3,750,000	-
Hartford WPCF Centrifuge Replacement and Overhead Crane	-	4,000,000	-	-	-
Total Wastewater	\$ 51,600,000	\$ 72,200,000	\$ 52,680,000	\$ 53,815,000	\$ 36,556,000

2020 Capital Improvement Program

Summary

Water	2020	2021	2022	2023	2024
Water Pump Stations and Equipment and Water Tank and Basin Rehab, Repair & Improvements	\$ 800,000	\$ 2,000,000	\$ 600,000	\$ 4,000,000	\$ 600,000
Paving Program & Restoration	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
General Purpose Water Program	1,000,000	2,000,000	1,500,000	1,500,000	2,000,000
Long Hill Road Connector, East Hartford & South Windsor	4,000,000	-	-	-	-
Webster Hill Area WM, West Hartford	10,400,000	-	-	-	-
Water Main Replacements - Wethersfield and Hartford	12,500,000	-	-	-	-
District-wide Water Main Replacement Program	9,000,000	9,000,000	15,000,000	20,000,000	20,000,000
Levee Protection - Water	-	500,000	-	800,000	-
Assessable Water Program	-	3,500,000	-	1,000,000	1,000,000
Water Treatment Facility Infrastructure Upgrades	-	3,000,000	2,000,000	2,000,000	5,000,000
Water Supply Improvements - Facilities & Dams	-	1,500,000	2,000,000	2,000,000	4,000,000
Radio Frequency Automated Meter Reading Program	-	2,000,000	-	3,000,000	-
WH Filters WTP 6 MG Basin Rehabilitation	-	4,000,000	-	-	-
New Park Avenue Water Main Replacement	-	3,500,000	-	-	-
Wickham Hill Area, EH Water Main Replacement	-	4,000,000	-	-	-
Sisson Avenue Area, Hfd Water Main Replacement	-	-	10,000,000	-	-
Farmington Avenue, WH Center Water Main Replacement	-	4,000,000	-	-	-
Total Water	\$ 40,700,000	\$ 42,000,000	\$ 34,100,000	\$ 37,300,000	\$ 35,600,000

2020 Capital Improvement Program

Summary

Combined	2020	2021	2022	2023	2024
Fleet and Equipment Replacement and Upgrades	\$ 2,000,000	\$ -	\$ 2,000,000	\$ -	\$ 1,000,000
Facility and Equipment Improvements	2,000,000	-	2,000,000	-	2,000,000
Information Systems I/T Upgrade	-	-	5,000,000	-	-
Survey and Construction	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000
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	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Total Combined	\$ 18,500,000	\$ 14,500,000	\$ 23,500,000	\$ 14,500,000	\$ 17,500,000

2020 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 \$21,583,834, 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 \$140,000,000 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.

Budget Appropriations

2020 Capital Improvement Program

Appropriation

The Metropolitan District's Capital Improvement Program budget for 2020 totals \$110,800,000 as reflected in the following summary. Wastewater programs total \$51,600,000; water programs total \$40,700,000; and combined programs total \$18,500,000.

Wastewater

Wastewater Treatment and Collection and Storm Water Collection

General Purpose Sewer	\$ 5,000,000
Levee Protection System, East Hartford and Hartford	2,200,000

Wastewater Collection

Wastewater Pump Stations and Equipment	1,500,000
Paving Program and Restoration	3,000,000
Sewer Rehabilitation Program	3,400,000
Various Sewer Pipe Replacement/Rehabilitations	6,000,000
Hartford Sewershed Large Diameter Sewer Rehabilitation – Phase I	14,600,000

Wastewater Treatment

Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements	15,900,000
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Total Wastewater **\$ 51,600,000**

Water

Water Supply, Treatment, Transmission and Distribution

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

Paving Program and Restoration	3,000,000
Long Hill Road Water Main, East Hartford and South Windsor	4,000,000
Webster Hill Area Water Main Replacement, West Hartford	10,400,000
Water Main Replacements, Hartford and Wethersfield	12,500,000
District-wide Water Main Replacement Program	9,000,000
Water Pump Stations and Equipment and Water Tank and Basin Rehabilitation, Repair and Improvements	800,000

Total Water **\$ 40,700,000**

Combined

Facilities/Staffing

Fleet and Equipment Replacement and Upgrade	\$ 2,000,000
Administrative Facilities and Equipment Improvements	2,000,000
Survey & Construction	4,500,000
Engineering Services	4,000,000
Construction Services	2,000,000
Technical Services	4,000,000

Total Combined **\$ 18,500,000**

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Wastewater

2020 Capital Improvement Program

Sewer

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2020 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.

Wastewater

Wastewater Treatment and Collection and Storm Water Collection

General Purpose Sewer	\$ 5,000,000
Levee Protection System, East Hartford and Hartford	2,200,000

Wastewater Collection

Wastewater Pump Stations and Equipment	1,500,000
Paving Program and Restoration	3,000,000
Sewer Rehabilitation Program	3,400,000
Various Sewer Pipe Replacement/Rehabilitations	6,000,000
Hartford Sewershed Large Diameter Sewer Rehabilitation – Phase I	14,600,000

Wastewater Treatment

Water Pollution Control Facilities Infrastructure Rehabilitation, Upgrades and Replacements	15,900,000
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Total Wastewater	\$ 51,600,000
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2020 Capital Improvement Program

Sewer

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. The following positions are included in wastewater program:

Authorized Positions

<u>Title</u>	<u>Number</u>
Utility Maintainer Supervisor	1
Utility Maintainer Crew Leader	2
Utility Maintainer 2	5
Utility Systems Monitoring Tech 1	<u>2</u>
Total	10

2020 Capital Improvement Program

Sewer

Program – General Purpose Sewer Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	C1D12	2110

Description

Planning, design and construction of the replacement and/or rehabilitation of existing sewer mains, pump stations, siphons, and 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. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To enhance the effectiveness, efficiency and safety of the District's wastewater treatment and collection systems.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the General Purpose Sewer Program including planning, design and construction of the replacement and/or rehabilitation of existing sewer mains, pump stations, siphons and any related collection system appurtenances at various locations District wide and for legal, administrative and other financing costs related thereto. Such Projects may also include electrical, mechanical, or renewable energy upgrades at District facilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

Program – Levee Protection System, East Hartford and Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,200,000	C-20001	2110

Description

Evaluation, design, repair or pipeline abandonment of penetrations through the levee protection systems in East Hartford and Hartford owned and operated by the District as required by the Army Corp of Engineers.

Purpose

To provide for flood protection system sewer penetration improvements.

Future Appropriations

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

Bond Language

The sum of \$2,200,000 is hereby appropriated for the evaluation, design, repair or pipeline abandonment of penetrations through the levee protection systems in East Hartford and Hartford owned and operated by the District as required by the Army Corps of Engineers and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

Program – Wastewater Pump Station Upgrades and Equipment

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,500,000	C-20002	2110

Description

Design and/or construction of upgrades, replacements and improvements to the District's wastewater pump stations including motors and pumps to address various mechanical, piping, process, electrical, instrumentation and control systems. These improvements will enhance operational readiness and reliability, improve maintenance, safety and security, increase capacity, lower energy consumption, and enhance assets life. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the efficiency and functionality of District wastewater pump stations.

Future Appropriations

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

Bond Language

The sum of \$1,500,000 is hereby appropriated for the design and/or construction of upgrades, replacements and improvements to the District's wastewater pump stations, including motors and pumps, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	C-99P20	2110

Description

Final pavement restoration of roads, sidewalks, driveways, parking lots and other areas as well as unpaved 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 and replacements.

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 final pavement restoration of roads, sidewalks, driveways, parking lots and other areas as well as unpaved areas disturbed by MDC sewer projects, including material disposal and usage of materials from stock, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

Program –Sewer Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,400,000	C-20003	2110

Description

Sewer system investigations (Closed Circuit TV Inspection/Sonar/Laser or other methods) to support the District's asset management program to support design and construction of rehabilitation and replacement of deteriorating segments of the District's sewer infrastructure. Project includes District staffing and equipment and outside services. The District costs may include salary, benefits and overhead.

Purpose

The project is being undertaken in accordance with CMOM requirements.

Future Appropriations

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

Bond Language

The sum of \$3,400,000 is hereby appropriated for the conduct of sewer system investigations (using closed circuit TV inspection, sonar laser or other methods) to support the design and construction of rehabilitation and replacement of segments of the District's sewer infrastructure, including staffing, equipment, legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Funds Center</u>
Utility Maintainer Supervisor	1	C1H01
Utility Maintainer Crew Leader	2	
Utility Maintainer 2	5	
Utility Systems Monitoring Tech 1	<u>2</u>	
Total	10	

2020 Capital Improvement Program

Sewer

Program – Various Sewer Pipe Replacement/Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$6,000,000	C-20004	2110

Description

Design and construction of sewer system upgrades, replacements and rehabilitation measures necessary as a result of aging and deteriorating infrastructure located District-wide. 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 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 \$6,000,000 is hereby appropriated for the design and/or construction of sewer system upgrades, replacements and rehabilitation measures District-wide including emergency repairs as identified via on-going inspection and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

Program – Hartford Large Diameter Sewer Rehabilitation – Phase I

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$14,600,000	C-20012	2110

Description

Rehabilitation of large diameter sewers (combined and separated) located within the Hartford Water Pollution Control Facility sewershed as identified via on going inspection. District or 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 other projects are anticipated over the next four years.

Bond Language

The sum of \$14,600,000 is hereby appropriated for the rehabilitation of large diameter sewers (combined and separated) located within the Hartford Water Pollution Control Facility sewershed as identified via on going inspection, legal, administrative and other financing costs related thereto. This project will reduce Combined Sewer Overflows in the Hartford WPCF collection system via inflow and infiltration reduction in large diameter Hartford sewers. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Sewer

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

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$15,900,000	C-20005	2110

Description

Design and construction of various infrastructure renewals and replacements at the District's four water pollution control facilities, including site wrap-up work at the Harford Water Pollution Control Facility and trickling filter and BNR upgrades at the Poquonock facility. This project will rehabilitate multiple water pollution control assets to modernize existing systems; improve operational readiness/reliability and safety; and increase wastewater processing capabilities. 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 \$15,900,000 is hereby appropriated for the design and construction of various infrastructure renewals and replacements at the District's four water pollution control facilities, including site wrap-up work at the Harford Water Pollution Control Facility and trickling filter and BNR upgrades at the Poquonock facility, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Water

Water

2020 Capital Improvement Program

Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2020 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	\$ 1,000,000
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Water Distribution

Paving Program and Restoration	3,000,000
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Long Hill Road Water Main, East Hartford and South Windsor	4,000,000
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Webster Hill Area Water Main Replacement, West Hartford	10,400,000
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Water Main Replacements, Hartford and Wethersfield	12,500,000
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District-wide Water Main Replacement Program	9,000,000
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Water Pump Stations and Equipment and Water Tank and Basin Rehabilitation, Repair and Improvements	800,000
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Total Water	\$ 40,700,000
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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.

2020 Capital Improvement Program

Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	C1C12	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 also include electrical, mechanical, and renewable energy upgrades in addition to facility upgrades and site work at water treatment facilities. District forces or outside forces may be utilized. District costs may include salary, benefits & 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 \$1,000,000 is hereby appropriated for the replacement and/or rehabilitation of aging water mains and related system-wide equipment/infrastructure improvements to the District's water supply, treatment and distribution systems and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	C-99P20	2120

Description

Final pavement restoration of roads, sidewalks, driveways, parking lots and other areas as well as unpaved 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 and replacements.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by the MDC water projects, including disposal of unsuitable materials and usage of materials from stock, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program – Long Hill Road Water Main, East Hartford and South Windsor

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000	C-20007	2120

Description

Construction, inspection and associated work for new water mains along Long Hill Road and Chapel Road beginning at the East Hartford/South Windsor town line. District forces may be utilized for this project. District costs may include salary, benefits and overhead.

Purpose

To connect two existing water mains, increasing the available water flows in South Windsor; decreasing pressure losses during peak flows; and providing a redundant water supply to South Windsor.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$4,000,000 is hereby appropriated for construction of, inspection of, and associated work in connection with, new water mains along Long Hill Road and Chapel Road beginning at the East Hartford/South Windsor town line, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program – Webster Hill Area Water Main Replacement, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$10,400,000	C-20008	2120

Description

Construction, inspection and associated work for the replacement of existing water mains and service reconnections in the Webster Hill Area of West Hartford. The project will include, but not be limited to, Crestwood Road, Rumford Street, Rockledge Drive, Greystone Road, Carleton Road, Webster Hill Boulevard, Bentwood Road and Ledgewood Road.

Purpose

To replace aging infrastructure in West Hartford

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$10,400,000 is hereby appropriated for construction, inspection and work associated with the replacement of existing water mains and service reconnections in the Webster Hill area of West Hartford including, but not limited to those on Crestwood Road, Rumford Street, Rockledge Drive, Greystone Road, Carleton Road, Webster Hill Boulevard, Bentwood Road and Ledgewood Road, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program –Water Main Replacements, Hartford and Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$12,500,000	C-20009	2120

Description

Construction, inspection and associated work for the replacement of existing water mains and service reconnections in Hartford and Wethersfield. The project will include, but not be limited to, the Church Street and Nott Street area in Wethersfield and the Saybrooke Street and Bonner Street area in Hartford. District forces may be utilized for this project. District costs may include salary, benefits and overhead.

Purpose

To replace aging infrastructure in Hartford and Wethersfield

Future Appropriations

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

Bond Language

The sum of \$12,500,000 is hereby appropriated for construction, inspection and work associated with the replacement of existing water mains and service reconnections in Hartford and Wethersfield, including, but not limited to those in the Church Street and Nott Street area of Wethersfield and in the Saybrooke Street and Bonner street area of Hartford, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program – District-wide Water Main Replacement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$9,000,000	C-20010	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 and outside 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 \$9,000,000 is hereby appropriated for the design, construction, inspection and associated work to replace water mains and water services throughout the District that have exceeded their useful lives and/or have experienced numerous breaks, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Water

Program – Water Pump Stations Upgrades and Equipment and Water Tank and Basin Rehabilitation, Repair and Improvements

Amount
\$800,000

Project #
C-20011

Fund
2120

Description

Design and/or construction of upgrades, rehabilitation, replacements and improvements to the District's water pump stations including motors and pumps and water tanks and basin improvements to address mechanical, piping, process, electrical, instrumentation, water quality, equipment, security and control systems. These improvements will enhance operational readiness and reliability, improve maintenance, safety and security, increase capacity, lower energy consumption, and enhance assets life. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the functionality of District water pump stations and water tanks/basins.

Future Appropriations

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

Bond Language

The sum of \$800,000 is hereby appropriated for the design and/or construction of upgrades, rehabilitation, replacements and improvements to the District's water pump stations including motors and pumps and water tanks and basin improvements to address mechanical, piping, process, electrical, instrumentation, water quality, equipment, security and control systems and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Combined

Combined

2020 Capital Improvement Program

Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2020 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	\$	2,000,000
Facilities and Equipment Improvements		2,000,000
Survey & Construction		4,500,000
Engineering Services		4,000,000
Construction Services		2,000,000
Technical Services		4,000,000
Total Combined	\$	18,500,000

2020 Capital Improvement Program

Combined

The following positions are included in the combined capital program:

Authorized Positions

<u>Title</u>	<u>Number</u>
Asst. Mgr of Const & Inspection Services	1
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	9
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 Operation	1
Survey Chief of Party	<u>2</u>
Total	58

2020 Capital Improvement Program

Combined

Program – Fleet and Equipment Replacement and Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	C-99F20	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 or upgrade approximately 35 vehicles and individual pieces of equipment including pick-ups, dump trucks, utility vans and mowers. These vehicles, equipment and related components will extend and enhance the capacity and capabilities of District. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To maintain the District's fleet and equipment.

Future Appropriations

Additional appropriation requests are anticipated over the next four years.

Bond Language

The sum of \$2,000,000 is hereby appropriated for the replacement of, and/or upgrades to, transportation and power operated equipment, including the replacement or upgrade of approximately 35 vehicles and individual pieces of equipment including pick-ups, dump trucks, utility vans and mowers, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Combined

Program – Facilities and Equipment Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	C-20013	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 and outside 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 \$2,000,000 is hereby appropriated for the 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, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2020 Capital Improvement Program

Combined

Program - Survey & Construction

<u>Amount</u>	<u>Funds Center</u>	<u>Fund</u>
\$4,500,000	C1H02	2130

Description

Staffing costs

Purpose

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

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

Authorized Positions

<u>Title</u>	<u>Number</u>
Senior Clerk	1
Engineering Technician 2	3
Engineering Technician 3	9
Construction Engineer Support	1
Senior Engineer Technician	1
Survey Chief of Operation	1
Construction Services Supervisor	3
Principal Constr. Engineer Tech 1	1
Survey Chief of Party	2
Total	22

2020 Capital Improvement Program

Combined

Program - Engineering Services

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

The sum of \$4,000,000 is hereby appropriated for developing and designing the District's capital improvement projects, including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

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

2020 Capital Improvement Program

Combined

Program - Construction Services

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

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 the costs of the management of District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Authorized Positions

<u>Title</u>	<u>Number</u>
Mgr. of Construction & Inspection Srvs	1
Asst. Mgr of Const & Inspection Srvs	1
Construction Manager	3
Project Manager	1
Project Engineer 2	<u>1</u>
Total	7

2020 Capital Improvement Program

Combined

Program - Technical Services

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

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 \$4,000,000 is hereby appropriated for technical support to all of the District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

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
Real Estate Administrator	<u>1</u>
Total	14

Clean Water Program

2020 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

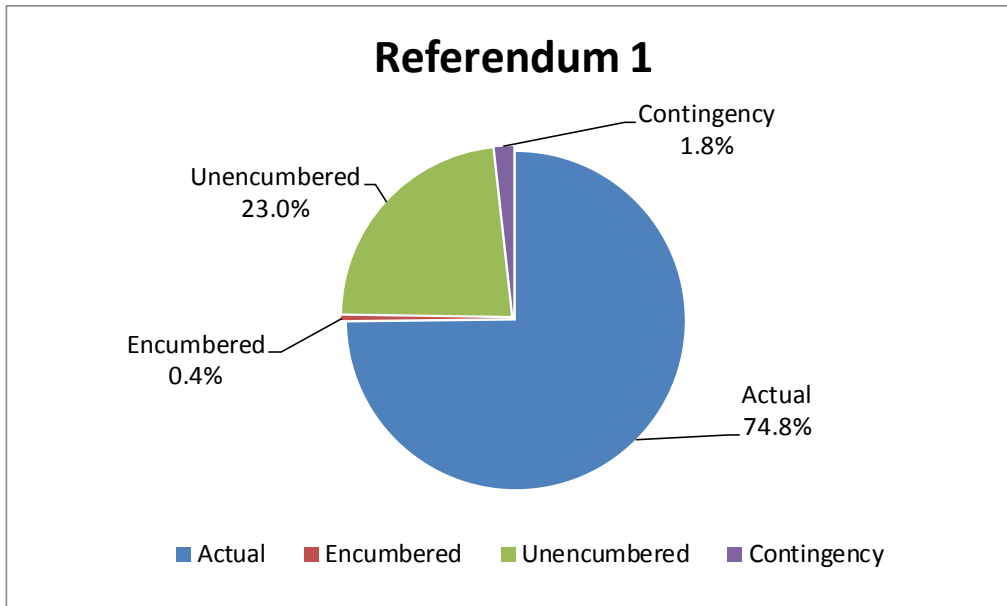
The 2006 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2006.

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	\$ 598,550,167.59
Encumbered	3,348,960.33
Unencumbered	184,057,059.89
Contingency	14,043,812.19
	<u><u>\$ 800,000,000.00</u></u>



2020 Capital Improvement Program

Referendum 1

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
C-11006	CW1.WTFHAR.18 2011 Wet Weather Expenses	32,102,142.26	410,718.89	3,808.37	31,687,615.00
C-12001	CW1.SSONWT.07 2012 Cedar Newington	4,588,400.00	3,129,439.00	953,709.56	505,251.44
C-12010	CW1.SSORKH.07 2012 RH Interceptor	35,833,363.00	5,378,145.97	731,276.10	29,723,940.93
C-12011	CW1.SSOWHA.07 2012 WH SSES	1,537,500.00	974,589.78	439,007.72	123,902.50
C-13000	CW1.SSOGEN.13 - 2013 SSO Elimination	1,892,077.68	1,604,178.02	243,464.41	44,435.25
C-13001	CW1.SSSPAR.11 - 2013 Green Infrastructure	688,429.65	250,424.45	77,627.39	360,377.81
C-13018	CW1.WTFHAR.20 2013 WWEP #2012-20	90,197,246.25	2,255,554.72	380.97	87,941,310.56
C-15004	CW1.CONSBR.03 - 2015 Kane Brook Dsn	1,800,000.00	751,191.37	806,661.17	242,147.46
C-15037	CW1.TUNSTH.00 2015 South CSO Convey Tunnel	38,053,391.03	4,532,287.45	93,024.64	33,428,078.94
		\$ 206,692,549.87	\$ 19,286,529.65	\$ 3,348,960.33	\$ 184,057,059.89
CW1.000000. Referendum 1 Contingency		14,043,812.19			
Completed Projects		579,263,637.94			
Referendum 1		\$ 800,000,000.00			

2020 Capital Improvement Program

Referendum 1

Completed Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW1.CONHOM.00	CLSD-2007 Homestead	\$ 31,044,294.80	\$ 31,044,294.80	\$ -	\$ -
CW1.CONSBR.00	CLSD-South Branch	450,579.73	450,579.73	-	-
CW1.FSSFAR.04	CLSD-Farmington #4	658,004.15	658,004.15	-	-
CW1.FSSFAR.06	CLSD-Fmgton Proj #6	8,191,515.15	8,191,515.15	-	-
CW1.FSSFAR.1A	CLSD-Farm Ave 1A	146,013.41	146,013.41	-	-
CW1.FSSFAR.71	CLSD-Farmington #7.1	2,561,258.59	2,561,258.59	-	-
CW1.FSSFAR.72	CLSD-Farmington #7.2	3,411,661.60	3,411,661.60	-	-
CW1.FSSFAR.PD	CLSD-Farmington Ave	640,900.68	640,900.68	-	-
CW1.MGMGEO.30	CLSD-Geotechnical Se	2,066,949.91	2,066,949.91	-	-
CW1.MGMPMC.07	Clsd2007 CWP PMC	788,016.54	788,016.54	-	-
CW1.MGMPMC.08	Clsd08 CWP PMC	3,981,562.16	3,981,562.16	-	-
CW1.MGMPMC.09	CLSD-2009 CWP PMC	4,539,195.90	4,539,195.90	-	-
CW1.MGMPMC.10	CLSD-2010 CWP PMC	5,414,789.79	5,414,789.79	-	-
CW1.MGMPMC.11	CLSD-2011 CWP PMC	8,157,922.51	8,157,922.51	-	-
CW1.MGMPMC.12	CLSD-2012 CWP PMC	6,719,698.60	6,719,698.60	-	-
CW1.MGMPMC.15	CLSD-15CWP PMC / CDM	6,125,657.96	6,125,657.96	-	-
CW1.MGMPMU.07	CLSD-2007 CWP PMU	3,255,730.36	3,255,730.36	-	-
CW1.MGMPMU.08	CLSD-2008 CWP PMU	3,403,759.44	3,403,759.44	-	-
CW1.MGMPMU.09	CLSD-2009 CWP PMU	5,874,757.78	5,874,757.78	-	-
CW1.MGMPMU.10	CLSD-2010 CWP PMU	10,922,243.51	10,922,243.51	-	-
CW1.MGMPMU.11	CLSD-2011 CWP PMU	11,589,004.93	11,589,004.93	-	-
CW1.MGMPMU.12	CLSD-2012 CWP PMU	6,894,906.59	6,894,906.59	-	-
CW1.MGMPMU.13	CLSD-2013 CWP PMU	6,838,160.08	6,838,160.08	-	-
CW1.MGMPMU.14	CLSD-2014 CWP PMU	242,347.52	242,347.52	-	-
CW1.NSSGRA.01	CLSD-Granby Str	350,653.54	350,653.54	-	-
CW1.NSSGRA.02	CLSD-Granby 2&5 (Cor	32,548,599.93	32,548,599.93	-	-
CW1.NSSGRA.03	CLSD-Granby #3	759,152.57	759,152.57	-	-
CW1.NSSTOW.01	CLSD-2007 Tower Ave	7,863,944.77	7,863,944.77	-	-
CW1.NSSTOW.02	CLSD-Tower Avenue Ar	12,682,280.63	12,682,280.63	-	-
CW1.NSSTOW.1A	CLSD-2011 Tower Ave	4,427,275.10	4,427,275.10	-	-
CW1.NSSTOW.FD	CLSD-Tower Ave #1Des	157,819.00	157,819.00	-	-
CW1.NSSTOW.PD	CLSD-Tower Ave Sep	106,658.86	106,658.86	-	-
CW1.NSSUAL.01	2007 CWP Albany Ave	23,128,719.41	23,128,719.41	-	-
CW1.NSSUAL.02	CLSD-Upper Albany #2	1,189,367.10	1,189,367.10	-	-
CW1.NSSUAL.03	CLSD-Upper Albany #3	777,979.08	777,979.08	-	-
CW1.NSSUAL.07	CLSD-Route 44 Storm	898,400.75	898,400.75	-	-
CW1.NSSUAL.08	CLSD-Garden St	6,893,628.16	6,893,628.16	-	-
CW1.NSSUAL.E3	CLSD-Burton St. Sew	8,605,787.57	8,605,787.57	-	-
CW1.NSSUAL.E5	CLSD-Albany Edgewood	3,494,428.99	3,494,428.99	-	-
CW1.NSSUAL.PD	CLSD-Upper Albany	680,471.26	680,471.26	-	-
CW1.SSOGEN.07	CLSD-2007 CW SSO	13,583,866.10	13,583,866.10	-	-
CW1.SSOGEN.08	CLSD-2008 C W SO	7,690,639.29	7,690,639.29	-	-
CW1.SSOGEN.11	CLSD-SSO Pilot Study	3,333,591.26	3,333,591.26	-	-
CW1.SSONWT.01	CLSD-2012 SSO-Nwgton	3,409,832.12	3,409,832.12	-	-
CW1.SSONWT.02	CLSD-2012 Newinton	6,080,408.08	6,080,408.08	-	-
CW1.SSONWT.06	CLSD-2012 Ntn Church	4,226,592.60	4,226,592.60	-	-
CW1.SSOWHA.01	CLSD-2012 WHartford	1,577,096.29	1,577,096.29	-	-
CW1.SSOWHA.02	CLSD-2012 SSO Pilot	2,047,087.39	2,047,087.39	-	-
CW1.SSOWHA.04	CLSD-2012 Four Mile	2,689,904.58	2,689,904.58	-	-
CW1.SSOWHA.06	CLSD-2014 Greenhurst	131,925.19	131,925.19	-	-
CW1.SSOWND.01	CLSD-2012 SSO-Wdsr	2,669,498.47	2,669,498.47	-	-
CW1.SSOWND.03	2015 NM-1 Gate Struc	224,714.01	224,714.01	-	-
CW1.SSOWTH.01	CLSD-2011 SSO-Wtflid	4,204,575.71	4,204,575.71	-	-
CW1.SSOWTH.02	2012 RH/Weth. SSES	8,118,002.04	8,118,002.04	-	-
CW1.SSOWTH.03	CLSD-2012 SSO Pilot	2,286,152.78	2,286,152.78	-	-
CW1.SSOWTH.07	CLSD-2012 SSO Exe Sq	125,813.20	125,813.20	-	-

2020 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	\$ -	\$ -

2020 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

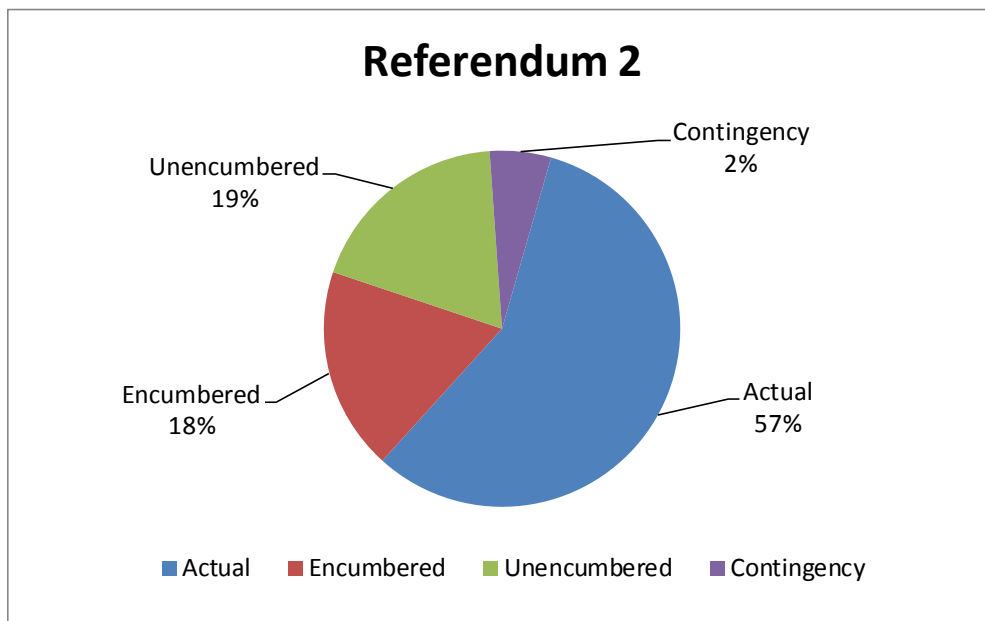
The 2012 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2012.

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	\$ 538,357,825.52
Encumbered	173,289,081.73
Unencumbered	176,109,155.11
Contingency	52,243,937.64
	<u>\$ 940,000,000.00</u>



2020 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	57,608,977.66	611,432.35	1,110,945.99
C-14000	CW2.WTFHAR.21 2014 WWP #2012-21	182,440,980.00	179,240,497.16	3,184,717.03	15,765.81
C-15007	CW2.CSOGEN.17 2015 Large Diameter Clean	5,406,214.50	5,146,489.08	197,858.04	61,867.38
C-15027	CW2.CONFAR.02 2015 NNBI Rel./Oxfor	2,500,000.00	820,173.46	1,380,073.56	299,752.98
C-15033	CW2.TUNSTH.04 2015 SHCST	62,460,000.00	-	36,000,000.00	26,460,000.00
C-15034	CW2.TUNSTH.05 2015 SHCST	47,580,000.00	50,875.27	27,541,000.00	19,988,124.73
C-15035	CW2.TUNSTH.02 2015 SHCST Construction	336,495,845.00	208,152,293.93	102,494,214.42	25,849,336.65
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.	5,000,000.00	121,802.30	101,543.70	4,776,654.00
C-16011	CW2.SSSPAR.13 2016 BARTHOLOMEW AVENUE	1,600,000.00	67,990.99	1,532,009.01	-
C-16012	CW2.NSSGRA.04 2016 Bloomfield SSES	1,200,000.00	880,157.58	44,393.19	275,449.23
C-16013	CW2.WTFRKH.05 2016 RHWPCF Outfall	4,872,000.00	3,869,454.64	77,318.36	925,227.00
C-17003	CW2.CSOGRA.05 2017 North Branch PR	1,355,981.64	685,929.25	124,522.07	545,530.32
		\$ 806,162,377.14	\$ 456,764,140.30	\$ 173,289,081.73	\$ 176,109,155.11
CW2.000000.00 Referendum 2 Contingency		\$ 52,243,937.64			
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	\$ -	\$ -

Supplemental

2020 Capital Improvement Program

Supplemental

BOARD OF FINANCE CLOSEOUT OF WATER, SEWER AND COMBINED PROGRAMS

WATER CAPITAL PROJECT PROGRAMS

To: District Board

October 7, 2019

From: Board of Finance

The District has undertaken the task of updating its Capital Improvement Project (CIP) records. The task includes the identification of projects which have been completed, cancelled, or had a change of scope. Based upon the review, District staff now recommends that the following projects be closed.

2020 Capital Improvement Program

Supplemental

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance
WAT.CWA349.01	2011	2709	Assessable Water Program	Various	1,500,000.00	718,602.15	781,397.85
WAT.CWA350.01	2012	2709	Assessable Water Program	Various	2,319,000.00	57,388.74	2,261,611.26
WAT.CWA344.01	2009	2709	AW - Goodrich & South Rds. Farmington	Farmington	1,500,000.00	691,967.73	808,032.27
			Subtotal BA 2709		5,319,000.00	1,467,958.62	3,851,041.38
WAT.CW1360.01	2013	2113	2013 BL WTR Filtered Water Basin Improv.	Bloomfield	5,000,000.00	714,213.49	4,285,786.51
WAT.CW1361.01	2013	2113	2013 WHWTP Filtered Water Basin Improv.	West Hartford	4,620,000.00	-	4,620,000.00
WAT.CW1363.01	2013	2113	2013 Water Supply Generators	Various	4,250,000.00	3,854,642.41	395,357.59
WAT.CW1364.01	2013	2113	2013 Buckingham WPS - Glastonbury	Glastonbury	1,740,000.00	290,430.01	1,449,569.99
WAT.CW1365.01	2013	2113	2013 Newington PRV Service Area Upgrade	Newington	2,330,000.00	197,392.27	2,132,607.73
WAT.CW1368.01	2013	2113	2013 Pitkin St. Water Main Replace, EH	East Hartford	460,000.00	48,985.48	411,014.52
WAT.CW1369.01	2013	2113	2013 Jerome Ave Wtr Main Replace. Bloomf	Bloomfield	1,400,000.00	30,960.36	1,369,039.64
WAT.CW1374.01	2013	2113	2013 CWP-Church St-WM / Myrtle to High	Hartford	370,000.00	112,187.99	257,812.01
WAT.CW1379.01	2013	2113	2013 Center St Wtr Main Replace, Hrtfrd	Hartford	330,000.00	9,392.51	320,607.49
WDS.BL0014.01	2014	2113	2014 Water Renewable Energy Projects	Various	550,000.00	374,124.19	175,875.81
WDS.DM0014.02	2014	2113	2014 Paving Program	Various	3,000,000.00	2,914,643.55	85,356.45
WDS.DM0015.02	2015	2113	2015 Paving Program	Various	2,500,000.00	2,456,632.35	43,367.65
WDS.DM0016.02	2016	2113	2016 Paving Program	Various	3,000,000.00	2,791,226.05	208,773.95
WDS.DM1014.01	2014	2113	2014 Water Main Replacements W. Hartford	West Hartford	1,500,000.00	14,661.24	1,485,338.76
WDS.EQ0014.01	2014	2113	2014 DW Wtr Asset Management Program	Various	250,000.00	-	250,000.00
WDS.P50014.01	2014	2113	2014 Water Pump Station Improvements	Various	175,000.00	122,110.96	52,889.04
WSH.BN2814.01	2014	2113	2014 Saville Dam Embankment Improvements	Barkhamsted	2,000,000.00	-	2,000,000.00
WSH.DA1014.01	2014	2113	2014 Res #1 Dam Spillway Channel Modific	West Hartford	5,000,000.00	-	5,000,000.00
WSH.DA2514.01	2014	2113	2014 Phelps Brook Dam/ East Dike Rehab	Burlington	3,000,000.00	1,742,417.77	1,257,582.23
WSH.DA3214.01	2014	2113	2014 Goodwin Dam Brdg Rehab/Spillway Imp	Goodwin	2,800,000.00	-	2,800,000.00
WTF.BN1014.01	2014	2113	2014 WH WTF 6 MG Filtered Wtr Basin Impr	West Hartford	3,000,000.00	755.64	2,999,244.36
WTF.EQ3114.01	2014	2113	2014 Collinsville WTP Emergency Gen Repl	Collinsville	700,000.00	97,421.42	602,578.58
			Subtotal BA 2113		47,975,000.00	15,772,197.69	32,202,802.31
WAT.CW1216.01	2009	2209	CLSD-General Purpose Water	Various	3,515,000.00	2,553,572.44	961,427.56
WAT.CW1292.02	2011	2209	2011 Linden Place Water Main Replacement	Hartford	586,500.00	467,818.16	118,681.84
			Subtotal BA 2209		4,101,500.00	3,021,390.60	1,080,109.40
WAT.CW1245.01	2010	2320	2010 Hydraulic Computer Modeling	Various	2,350,000.00	1,128,180.17	1,221,819.83
WAT.CW1248.01	2010	2320	2010Water Main Replacement-East Hartford	East Hartford	1,000,000.00	47,829.91	952,170.09
WAT.CW1251.01	2010	2320	2010 Water Main Replacement-Wethersfield	Wethersfield	600,000.00	386,984.47	213,015.53
WAT.CW1253.01	2010	2320	2010 Water Main Replacement - Bloomfield	Bloomfield	400,000.00	344,775.50	55,224.50
WAT.CW1255.01	2010	2320	2010 Water Main Replacement - Windsor	Windsor	400,000.00	37,981.27	362,018.73
WAT.CW1257.02	2012	2320	2012 Frmngrt Ave W/M Install TB to WH Ln	Hartford	1,868,000.00	1,415,754.91	452,245.09
WAT.CW1264.01	2010	2320	2010 Water Pump Station Replace/Upgrade	Various	4,800,000.00	758,983.72	4,041,016.28
WAT.CW1270.01	2010	2320	2010 Water Dist Facility Security	Various	4,492,000.00	3,067,067.47	1,424,932.53
WAT.CW1276.01	2010	2320	2010CWP Water Main Gullford Pliny Htfd	Hartford	3,607,000.00	1,472,885.77	2,134,114.23
WAT.CW1279.10	2013	2320	2013 WMR-FRANKLIN #13, FRANKLIN AVE, HTF	Hartford	2,100,000.00	445,069.55	1,654,930.45
WAT.CW1281.01	2010	2320	2010CWP Watr Main Repl Farmington A Htfd	Hartford	3,130,000.00	602,763.56	2,527,236.44
WAT.CW1282.01	2010	2320	2010CWP Watr Main Cleveland/Main Htfd	Hartford	2,033,000.00	348,618.00	1,684,382.00
WAT.CW1285.01	2010	2320	2010CWP Watr Main Repl Oxford St Htfd	Hartford	610,000.00	449,721.90	160,278.10
WAT.CW1295.01	2011	2320	2011 WMR-LONGVIEW DR,TALCOTT AND PHEAS.	West Hartford	1,700,000.00	955,325.35	744,674.65
WAT.CW1296.01	2011	2320	2011 WMR-COTTAGE GROVE RD, BLOOMFIELD	Bloomfield	2,772,000.00	1,097,000.89	1,674,999.11
WAT.CW1297.01	2011	2320	2011 WMR MOUNTAIN RD& CLIFFORD DR, WH	West Hartford	400,000.00	19,576.21	380,423.79
WAT.CW1298.01	2011	2320	2011 WMR-COLONY ROAD, WEST HARTFORD	West Hartford	700,000.00	427,679.01	272,320.99
WAT.CW1299.01	2011	2320	2011 WMR-PINE ST & AUBURN RD, WH	West Hartford	700,000.00	298,245.35	401,754.65
WAT.CW1301.01	2011	2320	2011 WMR SIMMONS RD., EAST HARTFORD	East Hartford	450,000.00	257,028.58	192,971.42
WAT.CW1302.01	2011	2320	2011 WMR HARTFORD	Hartford	3,600,000.00	430,638.50	3,169,361.50
WAT.CW1303.01	2011	2320	2011 TMR HAMILTON ST&PARK TERR,HTFD,PHIL	Hartford	4,750,000.00	2,862,599.32	1,887,400.68
WAT.CW1310.01	2011	2320	2011 WATER STORAGE UPGRADES-PHASE I	Various	2,500,000.00	147,191.32	2,352,808.68
WAT.CW1328.01	2011	2320	2011 CWP WMR-FENWAY ST., HARTFORD	Hartford	593,000.00	84,374.55	508,625.45
WAT.CW1332.01	2012	2320	2012 Water Storage Basin Upgrades	Various	3,515,000.00	86,919.17	3,428,080.83
WAT.CW1333.01	2012	2320	2012 Newington Pump Station	Newington	4,200,000.00	444,429.61	3,755,570.39
WAT.CW1335.01	2012	2320	2012 CWP W/M Replace-South Maple West	Hartford	4,000,000.00	1,013,754.36	2,986,245.64
WAT.CW1340.01	2012	2320	2012 WTR Infrstrctr Design-District Wide	Various	480,000.00	338,282.56	141,717.44
WAT.CW1343.01	2012	2320	2012 Asset Management Construct. Admin.	Various	904,000.00	42,055.46	861,944.54
WAT.CW1345.01	2012	2320	2012 Wtr Main Replacement - Retreat Ave	Hartford	4,094,000.00	1,490,858.23	2,603,141.77
WAT.CW1348.01	2012	2320	2012 Wtr Main Replacement - Four Mile Rd	West Hartford	1,189,000.00	62,611.52	1,126,388.48
WAT.CW1350.01	2012	2320	2012 W/M Replacement-Montclair Dr. WH	West Hartford	457,000.00	344,020.01	112,979.99
WAT.CW1356.01	2012	2320	2012 Wtr Main Replacement-Famington Ave	Hartford	3,500,000.00	858,251.43	2,641,748.57
			Subtotal BA 2320		67,894,000.00	21,767,457.63	46,126,542.37

2020 Capital Improvement Program

Supplemental

WAT.CW1349.01	2012	2323	2012 Paving Program	MDC	5,000,000.00	3,915,140.95	1,084,859.05
			Subtotal BA 2323		5,000,000.00	3,915,140.95	1,084,859.05
WAT.CW1263.01	2010	2324	2010 Water Supply Facility Improvements	Barkhamsted	2,500,000.00	2,394,818.05	105,181.95
WAT.CW1265.01	2010	2324	2010 Dam Safety - Nepaug, Phelps, E Dike	Barkhamsted	4,944,000.00	348,914.13	4,595,085.87
			Subtotal BA 2324		7,444,000.00	2,743,732.18	4,700,267.82
WAT.CW1290.01	2009	2330	2009CSOFarmington1A Water Main Repl	Hartford	5,000,000.00	4,194,056.38	805,943.62
			Subtotal BA 2330		5,000,000.00	4,194,056.38	805,943.62
WAT.CW1221.01	2009	2334	WATER MAIN GATE VALVE REPLACEMENTS	Various	2,300,000.00	1,295,952.59	1,004,047.41
			Subtotal BA 2334		2,300,000.00	1,295,952.59	1,004,047.41
WAT.CW1222.01	2009	2338	Oak Street East Hartford Water	East Hartford	1,150,000.00	19,872.23	1,130,127.77
			Subtotal BA 2338		1,150,000.00	19,872.23	1,130,127.77
WAT.CW1267.01	2010	2340	2010 Dam Safety Reservoir #2	Barkhamsted	1,315,000.00	821,064.80	493,935.20
WAT.CW1268.01	2010	2340	2010 Dam Safety Res #3	Barkhamsted	1,315,000.00	650,378.60	664,621.40
WAT.CW1269.01	2010	2340	2010 Water Treatment Facility Upgrade	Various	4,953,350.00	460,709.47	4,492,640.53
WAT.CW1312.01	2011	2340	2011 DAM SAFETY IMPROVEMENTS-RES #6	Bloomfield	1,330,000.00	244,639.90	1,085,360.10
WAT.CW1313.01	2011	2340	2011 WATER TREATMENT FACILITY UPGRADES	Various	975,440.00	930,650.79	44,789.21
WAT.CW1314.01	2011	2340	2011 WHWTF-North Storage Tank Inst.	West Hartford	4,800,000.00	60,875.70	4,739,124.30
WAT.CW1352.01	2012	2340	2012 Dam Safety Improv-Goodwin & Saville	Barkhamsted	2,040,000.00	1,979,055.76	60,944.24
WAT.CW1354.01	2012	2340	2012 Water Treatment Facilities Upgrades	Various	2,500,000.00	2,193,237.16	306,762.84
			Subtotal BA 2340		19,228,790.00	7,340,612.18	11,888,177.82
			Total Water Program		165,412,290.00	61,538,371.05	103,873,918.95

After reviewing the information contained herein

At a meeting of the Board of Finance held on October 7, 2019, it was:

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

Resolved: That the District Board approves appropriation closeouts for the projects listed above.

Respectfully Submitted,

Scott W. Jellison, CEO

2020 Capital Improvement Program

Supplemental

SEWER CAPITAL PROJECT PROGRAMS

To: District Board

October 7, 2019

From: Board of Finance

The District has undertaken the task of updating its Capital Improvement Project (CIP) records. The task includes the identification of projects which have been completed, cancelled, or had a change of scope. Based upon the review, District staff now recommends that the following projects be closed.

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance
WWA.CS1142.02	2008	5108	2013 Curcombe Street WWPS - Hartford	Hartford	101,825.00	95,339.26	6,485.74
			Subtotal BA 5108		101,825.00	95,339.26	6,485.74
WWA.CS1151.01	2010	5109	CLSD-2010 General Purpose Sewer	Various	802,000.00	390,487.61	411,512.39
WWA.CS1170.01	2012	5109	2012 General Purpose Sewer	Various	5,000,000.00	1,321,667.09	3,678,332.91
			Subtotal BA 5109		5,802,000.00	1,712,154.70	4,089,845.30
WPC.EQ0014.01	2014	5113	2014 Equipment & Facilities Refurbishmnt	Various	1,400,000.00	1,210,143.27	189,856.73
SCS.BL0014.01	2014	5113	2014 Sewer Renewable Energy Projects	Various	550,000.00	100,409.67	449,590.33
SCS.EQ0014.03	2014	5113	2014 Backwater Valve Program	Various	1,000,000.00	-	1,000,000.00
SCS.OT0014.01	2014	5113	2014 Levee Protect System Imprvr EH & Har	Various	3,100,000.00	442,647.45	2,657,352.55
SCS.PS0014.01	2014	5113	2014 WW Pump Station Improvement	Various	350,000.00	77,363.96	272,636.04
SCS.PS0214.01	2014	5113	2014 PS Upgrades-Howard Wether	Wethersfield	370,000.00	-	370,000.00
SCS.PS0414.01	2014	5113	2014 Pump Station Rplc-Stonehedge/Ochial	Newington	575,000.00	34,132.49	540,867.51
SCS.PS0614.02	2014	5113	2014 Pump Station Rainbow Trunk, Windsor	Windsor	5,000,000.00	474,114.86	4,525,885.14
SCS.PS0714.01	2014	5113	2014 PS Upgrade-Burnside E. Hartford	East Hartford	3,900,000.00	200,707.41	3,699,292.59
SCS.SR0014.04	2014	5113	2014 Various Sewer Pipe Replace/Rehab DW	Various	5,000,000.00	1,913,497.26	3,086,502.74
SCS.SR0114.01	2014	5113	2014 Rehab/Repl NM-14 Overflow Hartford	Hartford	1,050,000.00	24,410.40	1,025,589.60
SCS.SR0214.01	2014	5113	2014 Sewer Ext. - Marsh St, Wethersfield	Wethersfield	3,600,000.00	47,343.89	3,552,656.11
WPC.FA0114.01	2014	5113	2014 Hartford WPCF DAFT Sludge Equi Dsgn	Hartford	800,000.00	759,064.85	40,935.15
WWA.CS1190.01	2013	5113	2013 Folly Brook I/I Removal - Cntrct 1	Wethersfield	4,850,000.00	324,195.11	4,525,804.89
WWA.CS1198.01	2013	5113	2013 Windsor I/I Removal Contract	Windsor	4,850,000.00	241,815.13	4,608,184.87
WWA.CS1202.01	2013	5113	2013 Chateau Woods/High Path Rd WWPS	Windsor	500,000.00	487,568.53	12,431.47
WWA.CS1204.01	2013	5113	2013 Harvest Lane WWPS - Windsor	Windsor	500,000.00	309,437.64	190,562.36
WWA.CS1207.01	2013	5113	2013 Motts WWPS - Wethersfield	Wethersfield	510,000.00	65,736.00	444,264.00
WWA.CS1208.01	2013	5113	2013 Brookside Street WWPS - Newington	Newington	3,240,000.00	55,713.53	3,184,286.47
WWA.CS1212.01	2013	5113	2013 Pheasant Lane Swr Main Construction	Bloomfield	550,000.00	507,507.99	42,492.01
WWA.CS1213.01	2013	5113	2013 Various Sewr Pipe Replacement/Rehab	Various	4,940,000.00	2,140,143.39	2,799,856.61
WWA.CS1215.01	2013	5113	2013 388-390 Farmington Ave, Swr Repairs	Hartford	1,900,000.00	28,071.18	1,871,928.82
WWA.CS1217.01	2013	5113	2013 WPC HWPCF Cake Stg & Gravity Sys	Hartford	740,000.00	196,738.71	543,261.29
			Subtotal BA 5113		49,275,000.00	9,640,762.72	39,634,237.28
SCS.SR0014.01	2014	5630	2014 Assessable Sewer Program	Various	800,000.00	110,993.93	689,006.07
WWA.CSA443.01	2009	5630	2009 Assessable SWR - Mountain Road, W.H.	West Hartford	5,000,000.00	3,088,553.68	1,911,446.32
WWA.CSA453.01	2009	5630	2009 Woodpond North Pump Station	West Hartford	1,600,000.00	993,955.57	606,044.43
			Subtotal BA 5630		7,400,000.00	4,193,503.18	3,206,496.82
WWA.CS1157.01	2010	5680	2010 WPC Renewal & Replacements Program	Various	2,000,000.00	1,551,927.49	448,072.51
WWA.CS1185.01	2012	5680	2012 EHWPC Wastewater Screening Install	East Hartford	4,750,000.00	581,810.15	4,168,189.85
			Subtotal BA 5680		6,750,000.00	2,133,737.64	4,616,262.36
WPC.FA0007.01	2007	5733	2007 Wastewater Treatment Fac Imp.	Various	4,600,000.00	3,928,601.94	671,398.06
			Subtotal BA 5733		4,600,000.00	3,928,601.94	671,398.06
WWA.CS1152.01	2010	5803	2010 Sewer Pump Station Improvement Prog	Various	523,000.00	416,652.26	106,347.74
WWA.CS1155.01	2010	5803	2010 Huyshope Street Sewer Rehab, Hartfd	Hartford	2,956,000.00	220,673.55	2,735,326.45
WWA.CS1169.01	2012	5803	2012 Sewer Infrastructure Design	Various	480,000.00	313,200.56	166,799.44
WWA.CS1171.01	2012	5803	2012 Sanitary Sewer Retreat Ave Htfd	Hartford	5,000,000.00	234,361.42	4,765,638.58
WWA.CS1172.01	2012	5803	2012 Mohawk WWPS - East Hartford	East Hartford	654,000.00	484,300.78	169,699.22
WWA.CS1172.02	2013	5803	2013 Mohawk WWPS - East Hartford	East Hartford	2,640,000.00	307,427.58	2,332,572.42
WWA.CS1173.01	2012	5803	2012 Ridge Street WWPS - Windsor	Windsor	585,000.00	344,307.76	240,692.24
WWA.CS1174.01	2012	5803	2012 Sewer Gate Replacement Program	Various	1,296,000.00	474,129.46	821,870.54
WWA.CS1178.01	2012	5803	2012 Sewer Woodland Ave Peters Rd BL	Bloomfield	1,310,000.00	241,776.79	1,068,223.21
WWA.CS1181.01	2012	5803	2012 Sanitary Sewer Replacement Prg	Various	3,939,000.00	2,622,003.70	1,316,996.30
WWA.CS1183.01	2012	5803	2012 Backwater Valve Program	Various	540,000.00	76,213.62	463,786.38
WWA.CS1184.01	2012	5803	2012 Sewer Rehabilitation Program	Various	2,500,000.00	965,213.81	1,534,786.19
			Subtotal BA 5803		22,423,000.00	6,700,261.29	15,722,738.71
			Total Sewer Program		96,351,825.00	28,404,360.73	67,947,464.27

2020 Capital Improvement Program

Supplemental

After reviewing the information contained herein

At a meeting of the Board of Finance held on October 7, 2019, it was:

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

Resolved: That the District Board approves appropriation closeouts for the projects listed above.

Respectfully Submitted,

Scott W. Jellison, CEO

2020 Capital Improvement Program

Supplemental

COMBINED CAPITAL PROJECT PROGRAMS

To: District Board

October 7, 2019

From: Board of Finance

The District has undertaken the task of updating its Capital Improvement Project (CIP) records. The task includes the identification of projects which have been completed, cancelled, or had a change of scope. Based upon the review, District staff now recommends that the following projects be closed.

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance
COM.BL0014.01	2014	5613	2014 Facility Roof Replacements	Various	600,000.00	18,100.75	581,899.25
COM.CFP182.01	2013	5613	2013 INFORMATION TECHNOLOGY-SAP/ORACLE	MDC	5,000,000.00	4,597,405.08	402,594.92
COM.EQ0014.01	2014	5613	2014 Information Technology	Various	5,000,000.00	4,829,622.58	170,377.42
COM.LA0014.01	2014	5613	2014 Land Improvement	Various	1,000,000.00	616,834.93	383,165.07
			Subtotal BA 5613		11,600,000.00	10,061,963.34	1,538,036.66
COM.BL0014.02	2014	5651	2014 Facilities Improvement Program	Various	3,000,000.00	2,885,736.40	114,263.60
COM.CFP159.01	2011	5651	2011 Facility & Equipment Improvements	MDC	1,400,000.00	624,888.83	775,111.17
COM.CFP168.01	2012	5651	2012 Hqtrs Parking Garage Renovations	Hartford	3,595,000.00	2,622,550.26	972,449.74
COM.CFP172.01	2012	5651	2012 Facility Improvement Program	MDC	2,500,000.00	813,343.66	1,686,656.34
COM.CFP181.01	2013	5651	2013 Facilities Improvement Program	MDC	2,000,000.00	1,595,462.11	404,537.89
			Subtotal BA 5651		12,495,000.00	8,541,981.26	3,953,018.74
COM.CFP153.01	2010	5677	2010 CMMS Phase II	MDC	2,640,000.00	221,761.50	2,418,238.50
COM.CFP170.01	2012	5677	2012 Information Technology	MDC	3,000,000.00	353,553.02	2,646,446.98
COM.CFP171.01	2012	5677	2012 Information Technology Security Imp	MDC	5,000,000.00	4,664,318.56	335,681.44
			Subtotal BA 5677		10,640,000.00	5,239,633.08	5,400,366.92
COM.OT0018.01	2018	5802	2018 CONSTRUCTION SERVICES	Various	3,500,000.00	105,700.83	3,394,299.17
COM.OT0018.02	2018	5802	2018 ENGINEERING SERVICES	Various	2,500,000.00	197,370.28	2,302,629.72
COM.OT0018.03	2018	5802	2018 SURVEY & CONSTRUCTION	Various	5,000,000.00	145,444.35	4,854,555.65
COM.OT0018.04	2018	5802	2018 TECHNICAL SERVICES	Various	3,400,000.00	374,859.14	3,025,140.86
			Subtotal BA 5802		14,400,000.00	823,374.60	13,576,625.40
			Total Combined Program		49,135,000.00	24,666,952.28	24,468,047.72

After reviewing the information contained herein

At a meeting of the Board of Finance held on October 7, 2019, it was:

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

Resolved: That the District Board approves appropriation closeouts for the projects listed above.

Respectfully Submitted,

Scott W. Jellison, CEO

2020 Capital Improvement Program

Supplemental

CLEAN WATER PROJECT PROGRAMS

To: District Board

October 7, 2019

From: Board of Finance

The District has undertaken the task of updating its Clean Water Fund Program records. The task includes the identification of projects which have been completed, cancelled, or had a change of scope. Based upon the review, District staff now recommends that the following projects be closed.

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance
CW1.NSSUAL.01	2007	5300	Upper Albany Project #1	Hartford	15,101,176.68	15,101,176.68	-
CW1.SSOGEN.09	2007	5300	2009 Clean Water SSO General Repair	Various	224,714.01	224,714.01	-
CW1.SSOGEN.10	2007	5300	2010 Clean Water SSO General Repair	Various	1,822,142.90	1,822,142.90	-
CW1.SSOWND.03	2007	5300	2015 NM-1 Gate Structure	Hartford	3,385,661.62	3,385,661.62	-
CW1.SSOWTH.02	2007	5300	2012 RH/Weth. SSES Lining	Wethersfield	1,822,142.90	1,822,142.90	-
CW1.SSOWTH.10	2007	5300	2014 SSES Rocky Hill - II	Rocky Hill	3,385,661.62	3,385,661.62	-
CW1.SSSFRA.13	2007	5300	Franklin Proj #13-Package B Upper Frankl	Hartford	22,295,803.90	22,295,803.90	-
CW1.SSSFRA.15	2007	5300	Airport Rd Htfd Pump Station Forced Main	Hartford	5,044,260.37	5,044,260.37	-
CW1.SSSFRA.4D	2007	5300	Franklin Proj #5-Package D W. Preston St	Hartford	13,564,535.20	13,564,535.20	-
CW1.SSOWTH.01	2007	5300	2012 SSO Pilot-Wethersfield 2011-11	Wethersfield	1,558,366.05	1,558,366.05	-
CW1.WTFHAR.14	2007	5300	ASH HANDLING & MERCURY CONTRO	Hartford	1,297,094.60	1,297,094.60	-
			Subtotal 5300		69,501,559.85	69,501,559.85	-
CW2.CSOGEN.16	2016	5400	2016 LTCP Flow Metering	Hartford	1,531,681.76	1,531,681.76	-
CW2.MGMCWP.15	2013	5400	2015 CWP Admin	Various	11,269,060.17	11,269,060.17	-
CW2.MGMPMC.14	2013	5400	2014 CWP PMC / CDM SMITH	Various	6,914,745.94	6,914,745.94	-
CW2.NSSUAL.09	2013	5400	2014 Gully Brook Conduit Connections	Hartford	425,239.63	425,239.63	-
CW2.SSOWHA.06	2015	5400	2015 Greenhurst Road	Hartford	5,285,027.58	5,285,027.58	-
CW2.TUNSTH.01	2013	5400	2015 SHCST Utility Relocation	Hartford	35,512.34	35,512.34	-
			Subtotal 5400		25,461,267.42	25,461,267.42	-
			Total Clean Water Program		94,962,827.27	94,962,827.27	-

After reviewing the information contained herein

At a meeting of the Board of Finance held on October 7, 2019, it was:

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

Resolved: That the District Board approves appropriation closeouts for the projects listed above.

Respectfully Submitted,

Scott W. Jellison, CEO