

2015 Adopted Capital Improvement Budget



The Metropolitan District
Hartford, CT

2015 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 Water Pollution Control facilities. The following are some of next year's major expenditures.

Water Pollution Control Facilities - GT Solids	8,600,000*
Water Pollution Control Facilities - SPB Solids	9,200,000*
Water Pollution Control Facilities – East Hartford and Poquonock Imp.	8,200,000*
Water Pollution Control Facilities - Improvements and Renewals	3,900,000*
Wastewater Pump Station Improvements	2,900,000*

Water

This budget will fund improvements to the water infrastructure including treatment plants, pipeline, storage facilities and pump stations. The following are some of the major expenditures for next year.

Basin Related Projects	1,000,000*
Radio Frequency Automated Meter Reading Program	3,000,000*

Combined

The primary projects are to improve various District Administrative Facilities and Information Systems.

**Expenditures are associated with more than one project.*

2015 Capital Improvement Program

Summary

Five-Year Capital Improvement Program

It is anticipated that the District will continue to complete projects associated with the 2006 and 2012 Clean Water Project referendums, during 2015. The District will continue to maintain and improve its assets to ensure the safe and efficient operation of service. In addition, the District has undertaken a comprehensive asset management program which involves a systematic replacement of water and sewer infrastructure in a proactive manner.

2015 Capital Improvement Program

Summary

Wastewater	2015	2016	2017	2018	2019
Assessable Sewer Program	\$ -	\$ 250,000	\$ 500,000	\$ 500,000	\$ -
Backwater Valve Program	-	100,000	750,000	750,000	-
General Purpose Sewer	2,000,000	5,000,000	5,000,000	5,000,000	-
No Meadows CSO (NM-2->NM-4)	-	1,000,000	-	-	-
Sewer Rehabilitation Program	5,000,000	5,000,000	5,000,000	5,000,000	-
Sewer Extension – Marsh Street, Wethersfield	3,200,000	-	-	-	-
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000	5,000,000	5,000,000	5,000,000	-
Pump Station Upgrades – Burnside Avenue, East Hartford	600,000	-	-	-	-
Dividend Brook Drainage Area	-	5,000,000	5,000,000	5,000,000	5,000,000
Governor's Highway Pump Station, East Hartford	-	500,000	2,100,000	-	-
Pump Station Upgrades – Howard Avenue, Wethersfield	-	1,350,000	-	-	-
Pump Station Upgrades – Island Road, Windsor	-	3,000,000	-	-	-
Mohawk Dr Pump Station, East Hartford	-	3,500,000	-	-	-
Prasser Pump Station, East Hartford	-	2,100,000	-	-	-
Private Property Inflow Disconnect Program	-	50,000	100,000	100,000	-
Pump Station Replacement – Rainbow Trunk, Windsor	2,300,000	-	-	-	-
Pump Station Replacement – Stonehedge - Ochialini, Newington	-	2,000,000	-	-	-
Renewable Energy Projects – Sewer Facilities	250,000	3,000,000	3,000,000	3,000,000	-
WPC Plant Infrastructure Renewal and Replacements	1,300,000	3,350,000	4,000,000	4,000,000	2,250,000
WPC Equipment & Facilities Improvements	2,600,000	2,600,000	2,700,000	2,800,000	2,900,000
Poquonock WPCF Primary & Secondary Tanks	3,200,000	-	-	-	-
East Hartford WPCF Compressor, DO Control & SCADA Upgrades	5,000,000	-	-	-	-
Hartford WPCF Odor Control Construction (GT Solids)	5,000,000	-	-	-	-
Hartford WPCF FOG Receiving Facility (GT Solids)	3,600,000	-	-	-	-
Hartford WPCF Centrifuge Replacement (SPB Solids)	-	3,500,000	-	-	-
Hartford WPCF DAFT 1 & 2 (SPB Solids)	4,600,000	-	-	-	-
Hartford WPCF DAFT Sludge Equalization - Phase 1 (SPB Solids)	-	5,000,000	-	-	-
Hartford WPCF DAFT Sludge Equalization - Phase 2 (SPB Solids)	-	5,000,000	-	-	-
Hartford WPCF DAFT Sludge Equalization - Phase 3 (SPB Solids)	-	5,000,000	-	-	-
Hartford WPCF Sludge Screening (SPB Solids)	-	1,200,000	-	-	-
Hartford WPCF SPB Electrical Upgrades (SPB Solids)	4,600,000	-	-	-	-
WPC Electrical Systems Upgrades	-	2,000,000	-	2,000,000	-
East Hartford WPCF Plant Infrastructure Renewal and Replacements	-	3,705,000	-	-	-
Hartford WPCF Final Settling Tank 2	-	3,000,000	-	-	-
Hartford WPCF Final Settling Tank 3	-	3,250,000	-	-	-
Rocky Hill Upgrade BODR - CIP 1	-	5,000,000	-	-	-
WPC Supervisory Control and Data Acquisition (SCADA) Upgrades	-	-	2,000,000	-	-
Hartford WPCF Final Settling Tank 4	-	-	3,250,000	-	-
Hartford WPCF Final Settling Tank 5	-	-	3,500,000	-	-
Rocky Hill Upgrade BODR CIP 2	-	-	5,000,000	-	-
Hartford WPCF Final Settling Tank 6	-	-	-	3,500,000	-
Hartford WPCF Secondary Facility General Improvements	-	-	-	4,500,000	-
Hartford WPCF Secondary Architectural Improvements	-	-	-	4,500,000	-
Rocky Hill Upgrade BODR CIP 3	-	-	-	5,000,000	-
Rocky Hill Upgrade BODR CIP 4	-	-	-	5,000,000	-
Expansion of Sewer SWMM Model	-	2,500,000	-	-	-
Folly Brook Sewershed, Wethersfield I&I Lining and Rehabilitation	5,000,000	-	-	-	-
CCTV Generated Sewer Contracts	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Inspection of Large Diameter Sewers - Phase II	-	1,890,000	-	-	-
CCTV On-Call - Contract III	-	2,000,000	-	-	-
Southwest Newington Collection System Study	-	420,000	-	-	-
Bond Street Area Sewer Rehabilitation, Hartford	1,400,000	-	-	-	-
Sanitary Sewr Easements Acquisitions & Improvements	3,600,000	-	-	-	-
Paving Program	2,500,000	-	-	-	-
Total Wastewater	\$ 61,950,000	\$ 87,465,000	\$ 48,100,000	\$ 56,850,000	\$ 11,350,000

2015 Capital Improvement Program

Summary

Water	2015	2016	2017	2018	2019
Radio Frequency Automated Meter Reading Program	\$ 3,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
Blue Hills Ave Area WMR	-	4,000,000	-	-	-
Cedar Mountain Tank Improvements	-	500,000	4,500,000	-	-
Water Main Replacement, Church St, Hartford	-	5,000,000	3,000,000	-	-
Collinsville Tanks	-	-	1,000,000	-	-
Collinsville WTP Emergency Generator Replacement	200,000	-	-	-	-
Dam Safety Improvements	-	-	4,000,000	2,000,000	3,000,000
General Purpose Water Program	4,000,000	3,500,000	5,000,000	5,000,000	5,000,000
Long Hill Road Connector WM	-	2,500,000	-	-	-
Newington Standpipe	-	1,000,000	-	-	-
Addison Road Transmission Main Extension	-	3,500,000	-	-	-
Orchard Street Water Pump Station, Glastonbury	1,000,000	-	-	-	-
Paving Program	2,500,000	4,000,000	4,000,000	4,000,000	4,000,000
Paxton Way Tank Improvements, Glastonbury	-	1,500,000	-	-	-
Reservoir #3 Dam Improvements	-	-	4,000,000	-	-
Reservoir #3 Dam Rehabilitation	-	-	2,400,000	-	-
Reservoir #6 Filter Basin Improvements	1,000,000	-	-	-	-
Raw Water Pipeline Improvements Phase 2	5,000,000	-	-	-	-
Reservoir #6 Washwater Tanks	-	2,000,000	-	-	-
Rocky Hill Standpipe Improvements	-	1,000,000	-	-	-
Simsbury Road WPS, Bloomfield	-	3,000,000	-	-	-
Tanks and Distribution	-	-	2,000,000	3,000,000	5,000,000
Pump Stations Improvements	-	-	3,000,000	4,000,000	5,000,000
Uplands Way WPS, Glastonbury	-	3,000,000	-	-	-
Various Transmission Main Design & Construction	2,000,000	2,100,000	2,100,000	2,100,000	2,100,000
Vexation Tanks 1-4, Rocky Hill	-	500,000	3,000,000	1,000,000	-
Water Supply Generators	1,100,000	-	-	-	-
Water Supply Improvements	3,000,000	2,350,000	3,000,000	4,000,000	5,000,000.00
Water Treatment Facility Upgrades	1,000,000	2,500,000	2,500,000	2,500,000	2,500,000
Wethersfield Water Pump Station, Wethersfield	1,100,000	-	-	-	-
Water Main Replacements - Wethersfield	700,000	-	-	-	-
WHWTP Site Piping & Valve Improvements	-	3,800,000	-	-	-
WHWTP South Storage Tank Installation	-	-	3,500,000	-	-
Renewable Energy Projects - Water Facilities	250,000	2,000,000	500,000	2,000,000	500,000
Wickham Hill Basins Phase 2	-	5,000,000	-	-	-
WHWTF Water Storage Improvements	2,900,000	-	-	-	-
Bloomfield Transmission Main North	-	4,625,000	-	-	-
Bloomfield Transmission Main South	-	4,625,000	-	-	-
WMR Bond Street Area, Hartford	4,400,000	-	-	-	-
WMR Garden Street Area, Wethersfield	2,000,000	-	-	-	-
Hydrant Replacement Program	1,600,000	1,000,000	1,600,000	1,000,000	1,600,000
Land Acquisition for Water Facilities, Supply and Treatment	1,000,000	-	1,000,000	-	1,000,000
Water Storage Tank Improvements and Upgrades	-	-	3,200,000	-	-
Puddletown Booster Water Pump Station, New Hartford	3,300,000	-	-	-	-
Water Pump Stations Improvements	-	1,175,475	-	-	-
Water Storage Distribution and Process Tank Improvements	-	1,000,000	2,200,000	-	-
WMR Buckingham Street Area, Hartford - Design	600,000	4,000,000	-	-	-
WMR Cottage Grove & Talcottview Road, Bloomfield	950,000	-	-	-	-
WMR Simmons Road Area, East Hartford	-	2,000,000	2,000,000	-	-
WMR Woodbridge Avenue Area, East Hartford	-	-	3,000,000	-	-
WMR Brookline Drive Area, East Hartford	-	-	-	4,000,000	-
WMR Parkview Drive Area, Wethersfield	-	-	3,000,000	-	-
WMR Westwood Drive Area, Wethersfield	-	-	-	1,000,000	-
WMR Bobwhite Hill Area, Wethersfield	-	-	-	-	2,500,000
WMR Cambridge Street Area, West Hartford	-	-	2,000,000	-	-
WMR Crestwood Road Area, West Hartford	-	-	-	3,500,000	-
WMR Pilgrim Road Area, West Hartford	-	-	-	-	3,000,000
WMR Cadwell Road Area, Bloomfield	-	-	-	2,000,000	-
WMR Columbia Street, Hartford	-	650,000	-	-	-
Assessable Water Fund	-	-	3,000,000	2,000,000	3,000,000
Water Rehabilitation Program	1,000,000	-	-	-	-
Total Water	\$ 43,600,000	\$ 73,825,475	\$ 70,500,000	\$ 45,100,000	\$ 45,200,000

2015 Capital Improvement Program

Summary

Combined	2015	2016	2017	2018	2019
Fleet Replacement	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 800,000
Administrative Facilities Improvement Program	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Member Towns New GIS Base Map Development	1,600,000	-	-	-	-
Survey & Construction	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Engineering Services	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Construction Services	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000
Technical Services	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Information Systems - Finance Modules	5,000,000	-	-	-	-
Information Systems - Operational Modules	5,000,000	-	-	-	-
Information Systems - Business Transformation SAP Upgrade	5,000,000	-	-	-	-
Total Combined	\$33,400,000	\$16,000,000	\$16,800,000	\$16,000,000	\$16,800,000

Charts are shown in thousands.

(1) WPC means Water Pollution Control

2015 Capital Improvement Program

Appropriation

The Metropolitan District's Capital Improvement Program budget for 2015 totals \$138,950,000 as reflected in the following summary, wastewater programs total \$61,950,000; water programs total \$43,600,000; and combined programs total \$33,400,000.

Wastewater

Bond Street Area Sewer Rehabilitation, Hartford	\$ 1,400,000
CCTV Generated Sewer Contracts	1,200,000
East Hartford WPCF Compressor, DO Control & SCADA Upgrades	5,000,000
Folly Brook Sewershed, Wethersfield I&I Lining and Rehabilitation	5,000,000
General Purpose Sewer	2,000,000
Hartford WPCF DAFT 1 & 2 (SPB Solids)	4,600,000
Hartford WPCF FOG Receiving Facility (GT Solids)	3,600,000
Hartford WPCF Odor Control Construction (GT Solids)	5,000,000
Hartford WPCF SPB Electrical Upgrades (SPB Solids)	4,600,000
Paving Program	2,500,000
Poquonock WPCF Primary & Secondary Tanks	3,200,000
Pump Station Replacement – Rainbow Trunk, Windsor	2,300,000
Pump Station Upgrades – Burnside Avenue, East Hartford	600,000
Renewable Energy Projects – Sewer Facilities	250,000
Sanitary Sewer Easements Acquisitions & Improvements	3,600,000
Sewer Extension – Marsh Street, Wethersfield	3,200,000
Sewer Rehabilitation Program	5,000,000
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000
WPC Equipment & Facilities Improvements	2,600,000
WPC Plant Infrastructure Renewal and Replacements	1,300,000
Total Wastewater	\$ 61,950,000

2015 Capital Improvement Program

Appropriation

Water

Collinsville WTP Emergency Generator Replacement	\$ 200,000
General Purpose Water Program	4,000,000
Hydrant Replacement Program	1,600,000
Land Acquisition for Water Facilities, Supply and Treatment	1,000,000
Orchard Street Water Pump Station, Glastonbury	1,000,000
Paving Program	2,500,000
Puddletown Booster Water Pump Station, New Hartford	3,300,000
Radio Frequency Automated Meter Reading Program	3,000,000
Raw Water Pipeline Improvements Phase 2	5,000,000
Renewable Energy Projects - Water Facilities	250,000
Reservoir #6 Filter Basin Improvements	1,000,000
Various Transmission Main Design & Construction	2,000,000
Water Main Replacements - Wethersfield	700,000
Water Rehabilitation Program	1,000,000
Water Supply Generators	1,100,000
Water Supply Improvements	3,000,000
Water Treatment Facilities Upgrades	1,000,000
Wethersfield Water Pump Station, Wethersfield	1,100,000
WHWTF Water Storage Improvements	2,900,000
WMR Bond Street Area, Hartford	4,400,000
WMR Buckingham Street Area, Hartford	600,000
WMR Cottage Grove & Talcottview Road, Bloomfield	950,000
WMR Garden Street Area, Wethersfield	2,000,000

Total Water	\$ 43,600,000
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2015 Capital Improvement Program

Appropriation

Combined

Construction Services	\$ 3,500,000
Engineering Services	2,500,000
Administrative Facilities Improvement Program	1,000,000
Fleet Replacement	800,000
Information Systems - Finance Modules	5,000,000
Information Systems - Operational Modules	5,000,000
Information Systems - Business Transformation SAP Upgrade	5,000,000
Member Towns New GIS Base Map Development	1,600,000
Survey & Construction	5,000,000
Technical Services	4,000,000
Total Combined	\$33,400,000

2015 Capital Improvement Program

Wastewater

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2015 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

Bond Street Area Sewer Rehabilitation, Hartford	\$ 1,400,000
CCTV Generated Sewer Contracts	1,200,000
East Hartford WPCF Compressor, DO Control & SCADA Upgrades	5,000,000
Folly Brook Sewershed, Wethersfield I&I Lining and Rehabilitation	5,000,000
General Purpose Sewer	2,000,000
Hartford WPCF DAFT 1 & 2 (SPB Solids)	4,600,000
Hartford WPCF FOG Receiving Facility (GT Solids)	3,600,000
Hartford WPCF Odor Control Construction (GT Solids)	5,000,000
Hartford WPCF SPB Electrical Upgrades (SPB Solids)	4,600,000
Paving Program	2,500,000
Poquonock WPCF Primary & Secondary Tanks	3,200,000
Pump Station Replacement – Rainbow Trunk, Windsor	2,300,000
Pump Station Upgrades – Burnside Avenue, East Hartford	600,000
Renewable Energy Projects – Sewer Facilities	250,000
Sanitary Sewer Easements Acquisitions & Improvements	3,600,000
Sewer Extension – Marsh Street, Wethersfield	3,200,000
Sewer Rehabilitation Program	5,000,000
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000
WPC Equipment & Facilities Improvements	2,600,000
WPC Plant Infrastructure Renewal and Replacements	1,300,000
Total Wastewater	\$ 61,950,000

2015 Capital Improvement Program

Wastewater

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>
Compressor Truck Operator	2
Equipment Operator 1	1
Pipe Joiner	1
Sewer Maintainer 1	3
Sewer Maintenance Crew Leader	2
System Repair Supervisor	1
Truck Driver 2	4
Utility Systems Monitoring Tech 1	<u>2</u>
Total	16

2015 Capital Improvement Program

Wastewater

Program – Bond Street Area Sewer Rehabilitation, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,400,000	SCS.SR0015.01	5113

Description

Design and construction of sewer system rehabilitation in the Bond Street area in Hartford. Streets include, but are not limited to Bond Street, Redding Street, Preston Street, Wayland Street, and Olds Place. 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 \$1,400,000 is hereby appropriated for the design and construction of sewer system rehabilitation in the Bond Street area in Hartford, including, but not limited to sewer system rehabilitation in Bond Street, Redding Street, Preston Street, Wayland Street, and Olds Place 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.

2015 Capital Improvement Program

Wastewater

Program – CCTV Generated Sewer Contracts

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,200,000	SCS.SR0015.02	5113

Description

This project will include the design for the replacement and rehabilitation of various sanitary sewers which have been identified as deficient from review of routine CCTV inspections. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The project will include the design for the replacement and rehabilitation of sanitary sewers identified via routine CCTV inspections.

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 the design for the replacement and rehabilitation of various sanitary sewers which have been identified as deficient from review of routine CCTV inspections 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.

2015 Capital Improvement Program

Wastewater

Program – East Hartford WPCF Compressor, DO Control & SCADA Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WPC.FA0715.01	5113

Description

This project will replace one existing compressor and add one new compressor, install dissolved oxygen (DO) controls system similar to Hartford WPCF, and increase the plant's SCADA system to allow for increased automation and improved nitrogen removal. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The current compressors are outdated, and oversized, not automated and energy inefficient. This project will implement an automated control scheme and install two smaller energy efficient compressors. Other supporting plant automations and SCADA enhancement will be installed to provide for greater level of control. CL&P Energize Connecticut energy efficiency rebate will be applied for.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$5,000,000 is hereby appropriated for the replacement of one existing compressor, the addition one new compressor, the installation of a dissolved oxygen (DO) controls system similar to the one at the Hartford WPCF, an increase in the plant's SCADA system to allow for increased automation and improved nitrogen removal, 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.

2015 Capital Improvement Program

Wastewater

Program – Folly Brook Sewershed, Wethersfield - I&I/Lining and Rehabilitation

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0015.03	5113

Description

This project is for the implementation of Sewer System Evaluation Study recommendations in the Folly Brook sewershed, in Wethersfield and portions of Hartford. Work includes a combination of construction, replacement, and/or rehabilitation of sanitary sewers, laterals, and manholes, with the goal of removing inflow and/or infiltration. District staff may be utilized for this program; District costs may include salary, benefits, and overhead.

Purpose

The project is being completed to remove inflow and infiltration sources from part of the Folly Brook sewershed area, in accordance with SSES Report dated August 2010.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$5,000,000 is hereby appropriated for the implementation of the Sewer System Evaluation Study recommendations in the Folly Brook sewershed, in Wethersfield and portions of Hartford, including a combination of construction, replacement, and/or rehabilitation of sanitary sewers, laterals, and manholes, with the goal of removing inflow and/or infiltration, 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.

2015 Capital Improvement Program

Wastewater

Program – General Purpose Sewer

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	SCS.SR0015.04	5113

Description

Planning, Design and Construction of the replacement and/or rehabilitation of existing sewer mains, pump stations, and any related collection system appurtenances at various locations District wide as a result of infrastructure exceeding useful life. Projects may also include electrical, mechanical, or renewable energy upgrades at District facilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Planning, Design and Construction of the replacement and/or rehabilitation of existing sewer mains, pump stations, and any related collection system appurtenances at various locations District wide as a result of infrastructure exceeding useful life.

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

2015 Capital Improvement Program

Wastewater

Program – Hartford WPCF DAFT 1 & 2 (SPB Solids)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,600,000	WPC.FA0115.01	5113

Description

This project is for the design and construction of all new equipment (pumps, air compressors, air mix tanks, chain, flights, etc.) and controls associated with dissolved air flotation thickening (DAFT) tanks 1 & 2, as well as completely rehabilitate the concrete tanks. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The current condition and capacity of the existing equipment does not meet modern standards or plant capacity for solids processing. This will allow the HWPCF to reliably process additional solids, facilitating greater energy production (lower operating costs).

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$4,600,000 is hereby appropriated for the design and construction of all new equipment (pumps, air compressors, air mix tanks, chain, flights, etc.) and controls associated with dissolved air flotation thickening (DAFT) tanks 1 & 2, as well as complete rehabilitation of the concrete tanks, 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.

2015 Capital Improvement Program

Wastewater

Program - Hartford WPCF FOG Receiving Facility (GT Solids)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,600,000	WPC.FA0115.02	5113

Description

This project will construct a fats, oil & grease (FOG) receiving facility at the existing Regional Solids Receiving Facility. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Currently the HWPCF receives fats, oils & grease (FOG) at the headworks facility. The FOG material then travels to the primary tanks where it is partly removed. The remaining material is a major source of downstream problems including impacts to nitrogen removal, plant equipment and odors. This project will construct a facility to receive the FOG so that it never enters the plant's liquid treatment system. It will also offer the plant the ability to seek additional non-District FOG materials for processing, increasing revenues and potentially adding to the plant's electrical production capabilities, as grease is high in BTUs.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$3,600,000 is hereby appropriated for the construction of a fats, oil & grease (FOG) receiving facility at the existing Regional Solids Receiving 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.

2015 Capital Improvement Program

Wastewater

Program – Hartford WPCF Odor Control Construction (GT Solids)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WPC.FA0115.03	5113

Description

This project will construct two biofilter odor control bays onto the odor control system for the new headworks facility. These two bays will service the new Fats, Oils & Grease (FOG) receiving facility, existing Regional Solids Receiving Facility (RSRF) and Sludge Processing Building (SPB) odor control needs that are not currently fully met. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

This project will construct biofilters bays to eliminate the needs for chemicals in the scrubber at the RSRF and costly activated carbon replacement in the Sludge Processing Building odor system.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the construction of two biofilter odor control bays onto the odor control system for the new headworks facility, and for legal, administrative and other financing costs related thereto. These two bays will service the new Fats, Oils & Grease (FOG) receiving facility, existing Regional Solids Receiving Facility (RSRF) and Sludge Processing Building (SPB) odor control needs that are not currently fully met. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2015 Capital Improvement Program

Wastewater

Program – Hartford WPCF SPB Electrical Upgrades (SPB Solids)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,600,000	WPC.FA0115.04	5113

Description

This project will construct all new electrical distribution equipment for the existing Sludge Processing Building (SPB). District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The current HWPCF sludge processing building (SPB) electrical network is 40+ years old and no longer serviceable. There is limited capacity, antiquated equipment and inadequate reliability. The current equipment does not meet modern standards. This will allow the HWPCF to reliably process additional solids, facilitating greater energy production (lower operating costs).

Future Appropriations

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

Bond Language

The sum of \$4,600,000 is hereby appropriated for the construction of all new electrical distribution equipment for the existing Sludge Processing Building (SPB), 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.

2015 Capital Improvement Program

Wastewater

Program – Paving Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,500,000	SCS.SR0015.08	5113

Description

Pavement restoration of paved and unpaved areas including sidewalks, spoil material disposal and materials 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 \$2,500,000 is hereby appropriated for pavement restoration of paved and unpaved areas including sidewalks, spoil material disposal and 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.

2015 Capital Improvement Program

Wastewater

Program – Poquonock WPCF Primary & Secondary Tanks

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,200,000	WPC.FA0615.01	5113

Description

This project is for the design and replacement of all existing primary and secondary settling tank equipment (gates, valves, chain, flights, pumps, etc.); rehabilitate failing concrete, and make safety improvements. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The current primary and settling tanks have not received any significant upgrades or replacement in decades. A recently completed Facility Plan provides long-term direction for the facility, including use of the primary tanks. The secondary tanks will not receive the same level of rehabilitation and improvements as their long-term use may vary, depending on the extent the facility plan is implemented.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$3,200,000 is hereby appropriated for the design and replacement of all existing primary and secondary settling tank equipment (gates, valves, chain, flights, pumps, etc.), the rehabilitation of failing concrete, safety improvements, 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.

2015 Capital Improvement Program

Wastewater

Program – Pump Station Replacement – Rainbow Trunk, Windsor

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,300,000	SCS.PS0615.01	5113

Description

Replacement of the Rainbow Trunk, Windsor pump station. This will include but not limited to, updates to structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security. Upgrades and improvements to inlet gravity sewers, force mains and electric utility work may be included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace the pump station.

Future Appropriations

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

Bond Language

The sum of \$2,300,000 is hereby appropriated for replacement of the Rainbow Trunk, Windsor pump station, to include, but not be limited to, updates to structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site work, security, upgrades and improvements to inlet gravity sewers, force mains and electric utility 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.

2015 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Burnside Avenue, East Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$600,000	SCS.PS0714.01	5113

Description

Design and construction of upgrades to the Burnside Avenue, East Hartford pump station to include but not limited to, updates to structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security. Additional work will include upgrades to utility power and gas feeds road work restoration and bypass pumping setup and operation during construction. Hazardous material remediation is also included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace and upgrade pump station equipment and structure.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2014 Pump Station Upgrades – Burnside Avenue, East Hartford, authorization for \$3,300,000 (SCS.PS0714.01). Total appropriation for this project will now be \$3,900,000.

Bond Language

An additional sum of \$600,000 is hereby appropriated for the design and construction of upgrades to the Burnside Avenue, East Hartford pump station to include but not be limited to, updates to structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site work, security, upgrades to utility power and gas feeds, road work restoration, bypass pumping setup and operation during construction, hazardous material remediation, 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. This appropriation is an increase to the 2014 Pump Station Upgrades – Burnside Avenue, East Hartford appropriation and bond authorization for \$3,300,000 (SCS.PS0714.01). The total appropriation for this project will now be \$3,900,000.

2015 Capital Improvement Program

Wastewater

Program – Renewable Energy Projects – Sewer Facilities

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$250,000	SCS.BL0014.01	5113

Description

Project includes the design and construction of renewable energy projects to be installed at various Sewer Facilities to supply power year round. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design renewable energy sources to reduce operating costs for various sewer facilities.

Future Appropriations

Total appropriations requests for other projects are anticipated over the next four years and include forecasted funding requirements of \$10,000,000.

Prior Appropriation

This appropriation is an increase to the 2014 Renewable Energy Projects – Sewer Facilities, authorization for \$300,000 (SCS.BL0014.01). Total appropriation for this project will now be \$550,000.

Bond Language

An additional sum of \$250,000 is hereby appropriated for the design and construction of renewable energy projects to be installed at various sewer facilities to supply power year round, 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. This appropriation is an increase to the 2014 Renewable Energy Projects – Sewer Facilities appropriation and bond authorization for \$300,000 (SCS.BL0014.01). The total appropriation for this project will now be \$550,000.

2015 Capital Improvement Program

Wastewater

Program – Sanitary Sewer Easement Acquisitions & Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,600,000	SCS.SR0015.05	5113

Description

Design and construction of the improvement and/or acquisition of existing sewer main easements in the member towns in order to facilitate sanitary sewer replacement and/or rehabilitation. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Design and construction of the improvement and/or acquisition of existing sewer main easements at various locations District wide in order to facilitate sanitary sewer replacement and/or rehabilitation.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$3,600,000 is hereby appropriated for the design and construction of the improvement and/or acquisition of existing sewer main easements in the member towns in order to facilitate sanitary sewer replacement and/or rehabilitation, 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.

2015 Capital Improvement Program

Wastewater

Program – Sewer Extension – Marsh Street, Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,200,000	SCS.SR0214.01	5113

Description

Design and construction of a main sewer extension to eliminate the need for Marsh Street Pump Station. 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.

Prior Appropriation

This appropriation is an increase to the 2014 Sewer Extension – Marsh Street, Wethersfield, authorization for \$400,000 (SCS.SR0214.01). Total appropriation for this project will now be \$3,600,000.

Bond Language

An additional sum of \$3,200,000 is hereby appropriated for the design and construction of a main sewer extension to eliminate the need for Marsh Street Pump Station, 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. This appropriation is an increase to the 2014 Sewer Extension – Marsh Street, Wethersfield appropriation and bond authorization for \$400,000 (SCS.SR0214.01). Total appropriation for this project will now be \$3,600,000.

2015 Capital Improvement Program

Wastewater

Program – Sewer Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0015.06	5803

Description

Project includes District staffing and equipment and outside services to conduct sewer system investigations (i.e. Closed Captioned TV Inspection/Sonar/Laser methods) to support the design and construction of rehabilitation and replacement of the District's deteriorating segments of the sewer infrastructure. Project includes staffing.

Purpose

The project is being done 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 \$5,000,000 is hereby appropriated for the conduct of sewer system investigations to support the design and construction of rehabilitation and replacement of deteriorating segments of the District's sewer infrastructure, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Compressor Truck Operator	2	7930001
Equipment Operator 1	1	
Pipe Joiner	1	
Sewer Maintainer 1	3	
Sewer Maintenance Crew Leader	2	
System Repair Supervisor	1	
Truck Driver 2	4	
Utility Systems Monitoring Tech 1	<u>2</u>	
Total	16	

2015 Capital Improvement Program

Wastewater

Program – Various Sewer Pipe Replacement/Rehab – District Wide

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0015.07	5113

Description

Design and construction of sewer system upgrades, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide including survey, sewer easement clearing and closed caption TV inspection. The replacement, rehabilitation and or upgrade of District infrastructure. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate or replace the sanitary sewer pipelines. The replacement includes pipelines that include various materials, but not limited to Black Styrene Pipe, tile pipe, concrete pipe etc.

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 design and construction of sewer system upgrades, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure located District-wide including survey, sewer easement clearing, closed caption TV inspection, the replacement, rehabilitation and or upgrade of District infrastructure, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2015 Capital Improvement Program

Wastewater

Program – WPC Equipment & Facilities Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,600,000	WPC.FA0015.01	5113

Description

This project will rehabilitate multiple Water Pollution Control assets to improve operational readiness/reliability, safety posture, increase wastewater processing capabilities and add asset life. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To refurbish and rebuild various equipment.

Future Appropriations

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

Bond Language

The sum of \$2,600,000 is hereby appropriated for the rehabilitation of multiple water pollution control assets to improve operational readiness/reliability, safety posture, increase wastewater processing capabilities and add asset life, and for legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2015 Capital Improvement Program

Wastewater

Program - WPC Plant Infrastructure Renewal and Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,300,000	WPC.FA0015.02	5113

Description

This project will design and construct a variety of renewal and replacements at the four water pollution control facilities to modernize existing systems. This project will include the design improvements for the Hartford WPCF BNR III. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

On-going work at all four water pollution control facilities to address various mechanical, electrical, instrumentation and controls systems. Safety improvements are also planned.

Future Appropriations

No additional appropriation requests are anticipated at this time.

Bond Language

The sum of \$1,300,000 is hereby appropriated for the design and construction of a variety of renewal and replacements at the four water pollution control facilities to modernize existing systems, including design improvements for the Hartford WPCF BNR III, 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.

2015 Capital Improvement Program

Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2015 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

Collinsville WTP Emergency Generator Replacement	\$ 200,000
General Purpose Water Program	4,000,000
Hydrant Replacement Program	1,600,000
Land Acquisition for Water Facilities, Supply and Treatment	1,000,000
Orchard Street Water Pump Station, Glastonbury	1,000,000
Paving Program	2,500,000
Puddletown Booster Water Pump Station, New Hartford	3,300,000
Radio Frequency Automated Meter Reading Program	3,000,000
Raw Water Pipeline Improvements Phase 2	5,000,000
Renewable Energy Projects - Water Facilities	250,000
Reservoir #6 Filter Basin Improvements	1,000,000
Various Transmission Main Design & Construction	2,000,000
Water Main Replacements - Wethersfield	700,000
Water Rehabilitation Program	1,000,000
Water Supply Generators	1,100,000
Water Supply Improvements	3,000,000
Water Treatment Facilities Upgrades	1,000,000
Wethersfield Water Pump Station, Wethersfield	1,100,000
WHWTF Water Storage Improvements	2,900,000
WMR Bond Street Area, Hartford	4,400,000
WMR Buckingham Street Area, Hartford	600,000
WMR Cottage Grove & Talcottview Road, Bloomfield	950,000
WMR Garden Street Area, Wethersfield	2,000,000

Total Water	\$ 43,600,000
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2015 Capital Improvement Program

Water

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. The following positions are included in the water program:

Authorized Positions

<u>Title</u>	<u>Number</u>
Customer Service Maintainer 1	6
Gate Maintainer 1	3
Gate Maintainer 2	1
Hydrant Maintainer 1	1
Meter Maintenance Crew Leader	1
Meter Rebuilding Crew Leader	1
Senior Clerk	<u>1</u>
Total	14

2015 Capital Improvement Program

Water

Program – Collinsville WTP Emergency Generator Replacement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$200,000	WTF.EQ3114.01	2113

Description

Upgrade and replacement of the generator system for the Collinsville Water Treatment Plant including all supporting equipment, appurtenances, electrical service and facilities as well as road, site, and utility work and paving. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace the generator system for the Collinsville Water Treatment Plant which is approaching the end of its useful life.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2014 Collinsville WTP Emergency Generator Replacement, authorization for \$500,000 (WTF.EQ3114.01). Total appropriation for this project will now be \$700,000.

Bond Language

An additional sum of \$200,000 is hereby appropriated for the upgrade and replacement of the generator system for the Collinsville Water Treatment Plant, including all supporting equipment, appurtenances, electrical service and facilities, road work, site work, utility work, paving, 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. This appropriation is an increase to the 2014 Collinsville WTP Emergency Generator Replacement, authorization for \$500,000 (WTF.EQ3114.01). The total appropriation for this project will now be \$700,000.

2015 Capital Improvement Program

Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000	WDS.DM0015.01	2113

Description

Design and construction of the replacement of existing water mains and related to system-wide equipment/infrastructure improvements, excluding vehicles. 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.

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 \$4,000,000 is hereby appropriated for the design and construction of replacement of existing water mains, system-wide equipment/infrastructure improvements (excluding vehicles), electrical, mechanical and renewable energy upgrades at District facilities, 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.

2015 Capital Improvement Program

Water

Program – Hydrant Replacement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,600,000	WDS.EQ0015.01	2113

Description

Initiative to replace hydrants throughout the distribution system which have reached the end of their useful life and/or no longer function adequately. District costs may include labor, equipment, materials, police services, final restoration and all pertinent work on the water main required to replace the hydrant. Hydrant replacements are anticipated throughout the District's water service area.

Purpose

Hydrants included in this program have reached the end of their useful life and/or no longer function adequately.

Future Appropriations

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

Bond Language

The sum of \$1,600,000 is hereby appropriated for the replacement of hydrants throughout the District's water service area which have reached the end of their useful life and/or no longer function adequately, to include labor, equipment, materials, police services, final restoration and all pertinent work on the water main required to replace the hydrants, 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.

2015 Capital Improvement Program

Water

Program – Land Acquisition for Water Facilities, Supply and Treatment

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WDS.LA0015.01	2113

Description

Funds shall be used for identification, negotiation and acquisition of land and/or easements to preserve watershed lands or for water treatment, transmission and distribution facilities including but not limited to treatment plants, pump stations, storage tanks, specialty valves and piping within the District's water service area.

Purpose

To identify and acquire land and/or easements to preserve watershed lands or for the construction of water facilities and piping in areas where the existing transmission system is deficient, requiring improvement in storage or pressure.

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 identification, negotiation and acquisition of land and/or easements to preserve watershed lands or for water treatment, transmission and distribution facilities including but not limited to treatment plants, pump stations, storage tanks, specialty valves and piping within the District's water service area, 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.

2015 Capital Improvement Program

Water

Program – Orchard Street Water Pump Station, Glastonbury

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WDS.PS1214.01	2113

Description

This project will consist of the upgrade and replacement of all equipment and structures associated with the Orchard Street, Water Pump Station, Glastonbury, which includes but not limited to the following: electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems and the architectural building. Site security and storm water improvements will be included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace equipment and structures associated with the Orchard Street, Water Pump Station, Glastonbury.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2014 Orchard Street Water Pump Station, Glastonbury, authorization for \$3,000,000 (WDS.PS1214.01). Total appropriation for this project will now be \$4,000,000.

Bond Language

An additional sum of \$1,000,000 is hereby appropriated for the upgrade and replacement of all equipment and structures associated with the Orchard Street, Water Pump Station, Glastonbury, including, but not limited to, electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems, the building improvements, site security, storm water improvements, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead. This appropriation is an increase to the 2014 Orchard Street Water Pump Station, Glastonbury appropriation and bond authorization for \$3,000,000 (WDS.PS1214.01). The total appropriation for this project will now be \$4,000,000.

2015 Capital Improvement Program

Water

Program – Paving Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,500,000	WDS.DM0015.02	2113

Description

Pavement restoration of paved and unpaved areas including sidewalks, spoil material disposal and materials from stock. District forces may be utilized for this program. District costs may include design, construction, inspection, materials, equipment, salary, benefits & overhead.

Purpose

To restore the sites as a result of various water main installations.

Future Appropriations

Future appropriation requests for other projects are anticipated over the next four years and include forecasted funding requirements of \$12,000,000.

Bond Language

The sum of \$2,500,000 is hereby appropriated for pavement restoration of paved and unpaved areas including sidewalks, spoil material disposal and 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.

2015 Capital Improvement Program

Water

Program – Puddletown Booster Water Pump Station, New Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,300,000	WDS.PS1815.01	2113

Description

Upgrades and replacements of all equipment associated with Puddletown Booster Station which includes electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems and structure of building. Site security and storm water improvements included. The District costs may include salary, benefits and overhead.

Purpose

Upgrades needed to improve station operation and maintain water transmission reliability.

Future Appropriations

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

Bond Language

The sum of \$3,300,000 is hereby appropriated for upgrades and replacements of all equipment associated with Puddletown Booster Station, to include electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems, building improvements, site security, storm water improvements, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

2015 Capital Improvement Program

Water

Program – Radio Frequency Automated Meter Reading Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WDS.MT0015.01	2318

Description

The Radio Frequency Meter Program standardizes and replaces meters through the long term meter program. The District costs may include salary, benefits and overhead. Project includes staffing.

Purpose

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

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 radio frequency meter program, 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>	<u>Cost Center</u>
Customer Service Maintainer 1	6	7930002
Meter Maintenance Crew Leader	1	
Meter Rebuilding Crew Leader	1	
Senior Clerk	1	
Total	9	

2015 Capital Improvement Program

Water

Program – Raw Water Pipeline Improvements Phase 2

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WSH.RW0015.01	2113

Description

This project will consist of Phase 2 construction of a replacement 30-inch raw water pipeline from Reservoir 6, Bloomfield to Reservoir 5, West Hartford. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve the raw water system by providing a more reliable and redundant source of raw water to the West Hartford Water Treatment Facility.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the Phase 2 construction of a replacement 30-inch raw water pipeline from Reservoir 6, Bloomfield to Reservoir 5, West Hartford, 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.

2015 Capital Improvement Program

Water

Program – Renewable Energy Projects – Water Facilities

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$250,000	WDS.BL0014.01	2113

Description

Project includes design and construction of renewable energy projects to be installed at various Water Facilities to supply power year round at the facilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design and construct renewable energy sources to reduce operating costs for various water facilities.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2014 Renewable Energy Projects – Water Facilities, authorization for \$300,000 (WDS.BL0014.01). Total appropriation for this project will now be \$550,000.

Bond Language

An additional sum of \$250,000 is hereby appropriated for the design and construction of renewable energy projects to be installed at various water facilities to supply power year round at such facilities, 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. This appropriation is an increase to the 2014 Renewable Energy Projects – Water Facilities appropriation and bond authorization for \$300,000 (WDS.BL0014.01). The total appropriation for this project will now be \$550,000.

2015 Capital Improvement Program

Water

Program – Reservoir #6 - Filtered Basin Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WTF.BN0515.01	2113

Description

Funds are requested for Phase II improvement projects to the filtered water basins at the Bloomfield Water Treatment Facility based on the cleaning and inspection of same in 2012. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and/or replace water storage structures and equipment as needed.

Future Appropriations

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

Bond Language

The sum of \$1,000,000 is hereby appropriated for Phase II improvement projects to the filtered water basins at the Bloomfield Water Treatment Facility based on the cleaning and inspection of such basins in 2012, 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.

2015 Capital Improvement Program

Water

Program – Various Transmission Main Design & Construction

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	WDS.TM0015.01	2113

Description

Design and construction of various water transmission mains and appurtenances throughout the District. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To provide improved flows and redundant capacity in the transmission and distribution system.

Future Appropriations

Future appropriation requests for other projects are anticipated over the next 4 years.

Bond Language

The sum of \$2,000,000 is hereby appropriated for the design and construction of various water transmission mains and appurtenances throughout the District, 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.

2015 Capital Improvement Program

Water

Program – Water Main Replacements – Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$700,000	WDS.DM0114.01	2113

Description

This project will consist of the construction of the replacement of various water mains and appurtenances in Wethersfield as a result of the infrastructure exceeding the life expectancy. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To support the construction of various water main replacement / rehabilitation in Wethersfield.

Future Appropriations

No additional appropriation requests are anticipated over the next 4 years.

Prior Appropriations

This appropriation is an increase to the 2014 Water Main Replacement – Wethersfield authorization of \$3,000,000 (WDS.DM0114.01). Total appropriation for this project will now be \$3,700,000.

Bond Language

An additional sum of \$700,000 is hereby appropriated for the construction of the replacement of various water mains and appurtenances in Wethersfield as a result of the infrastructure exceeding the life expectancy, 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. This appropriation is an increase to the 2014 Water Main Replacement – Wethersfield appropriation and bond authorization of \$3,000,000 (WDS.DM0114.01). The total appropriation for this project will now be \$3,700,000.

2015 Capital Improvement Program

Water

Program – Water Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WDS.DM0015.03	2340

Description

Project includes the replacement of the District's deteriorating segments of the water infrastructure. Project includes staffing.

Purpose

To replace aging equipment and structures.

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 of the deteriorating segments of the District's water infrastructure, and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Gate Maintainer 1	3	7930003
Gate Maintainer 2	1	
Hydrant Maintainer 1	1	
Total	5	

2015 Capital Improvement Program

Water

Program – Water Supply Generators

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,100,000	WAT.CW1363.02	2113

Description

Design and construction for the upgrade and replacement of generator systems at Barkhamsted headquarters, Goodwin Gatehouse, West Branch headquarters, Colebrook and Nepaug Dams and other facilities including all supporting equipment, appurtenances and electrical service. Additional work may include paving and road work, site work, lighting, site security, utility duct banks, hazardous material abatement and the procurement of a portable generator as emergency backup. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace generators at Barkhamsted headquarters, West Branch, Nepaug Dams and other facilities in the water supply area which are nearing the end of their life expectancy.

Future Appropriations

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

Prior Appropriations

This appropriation is an increase to the 2014 Water Supply Generators authorization of \$2,800,000 (WAT.CW1363.02). Total appropriation for this project will now be \$3,900,000.

Bond Language

An additional sum of \$1,100,000 is hereby appropriated for the design and construction for the upgrade and replacement of generator systems at Barkhamsted headquarters, Goodwin Gatehouse, West Branch headquarters, Colebrook and Nepaug Dams and other facilities, including all supporting equipment, appurtenances and electrical service, paving and road work, site work, lighting, site security, utility duct banks, hazardous material abatement, the procurement of a portable generator as emergency backup, 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. This appropriation is an increase to the 2014 Water Supply Generators appropriation and bond authorizations of \$2,800,000 (WAT.CW1363.02) respectively. The total appropriation for this project will now be \$3,900,000.

2015 Capital Improvement Program

Water

Program – Water Supply Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WSH.FA0015.01	2113

Description

Funds are requested for various projects at dams, reservoirs and pipelines including but not limited to the inspection, design and construction of the following: Goodwin Dam sluiceway replacement; Goodwin dam spillway channel rock stabilization; Nepaug Weir slope stabilization; Richard's Corner Dam diversion channel and spillway upgrades; Saville Dam Lower Gatehouse and Diversion Conduit structural and pipeline rehabilitation; service road reconstruction and watershed land improvement. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

Projects will improve safety and structural stability of dams, will ensure long term facility and operational reliability through replacement of old valves, piping and equipment and will improve structural integrity of reservoir structures and improve watershed lands.

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 various projects at dams, reservoirs and pipelines, including but not limited to the inspection, design and construction of the following: Goodwin Dam sluiceway replacement; Goodwin dam spillway channel rock stabilization; Nepaug Weir slope stabilization; Richard's Corner Dam diversion channel and spillway upgrades; Saville Dam Lower Gatehouse and Diversion Conduit structural and pipeline rehabilitation; service road reconstruction and watershed land improvement; 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.

2015 Capital Improvement Program

Water

Program – Water Treatment Facilities Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WTF.FA0015.01	2113

Description

Funds are requested for various projects at water treatment facilities including but not limited to the inspection, design and construction of the following: Res. #6 Water Treatment Facility: Plant Water Booster Station overhaul – replace pumps, valves, pipe, motors, painting. Intake House – (4) Electric Valve operators for the intake Sluice Gates. Aeration Basin – (4) Electric valve operators capable of remote operation. Rapid Mix Chamber – (4) Electric valve operators for both the influent and effluent sluice gates. Raw Water Vault – Replace original electric valve operators on the East and West raw water lines. Flocculation – Replace original motor and gear boxes on 7.5 and 15 HP floc drives. Sedimentation – Rebuild and or replace (4) mud valves and operating shafts. West Hartford Water Treatment Facility: Administration Building – Replace loading dock and add controls. Chemical Plant – Replace loading dock and controls. Filter Houses – Replace manually operated valves and add electric valve operators capable of remote operation. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging equipment and infrastructure at West Hartford, Reservoir #6 and Collinsville Water Treatment Facilities.

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 various projects at West Hartford, Reservoir #6 and Collinsville Water Treatment Facilities, including but not limited to the inspection, design and construction of the following: Res. #6 Water Treatment Facility: plant water booster station overhaul – replace pumps, valves, pipe, motors, painting; intake house – (4) electric valve operators for the intake sluice gates; aeration basin – (4) electric valve operators capable of remote operation; rapid mix chamber – (4) electric valve operators for both the influent and effluent sluice gates; raw water vault – replace original electric valve operators on the east and west raw water lines; flocculation – replace original motor and gear boxes on 7.5 and 15 HP floc drives; sedimentation – rebuild and or replace (4) mud valves and operating shafts; West Hartford Water Treatment Facility, Administration Building – replace loading dock and add controls; chemical plant – replace loading dock and controls; filter houses – replace manually operated valves and add electric valve operators capable of remote operation; 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.

2015 Capital Improvement Program

Water

Program – Wethersfield Water Pump Station, Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,100,000	WDS.PS0214.01	2113

Description

Upgrade and replacement of all equipment and structures associated with the Wethersfield Water Pump Station, Wethersfield, which includes but not limited to the following: electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems and the architectural building. Site security and storm water improvements will also be included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace equipment and structures associated with the Wethersfield Water Pump Station.

Future Appropriations

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

Prior Appropriations

This appropriation is an increase to the 2014 Wethersfield Pump Station Improvements authorization of \$2,900,000 (WDS.PS0214.01). Total appropriation for this project will now be \$4,000,000.

Bond Language

An additional sum of \$1,100,000 is hereby appropriated for the upgrade and replacement of all equipment and structures associated with the Wethersfield Water Pump Station, Wethersfield, including but not limited to electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency power generator systems, building improvements, site security, storm water improvements and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead. This appropriation is an increase to the 2014 Wethersfield Pump Station Improvements appropriation and bond authorization of \$2,900,000 (WDS.PS0214.01). The total appropriation for this project will now be \$4,000,000.

2015 Capital Improvement Program

Water

Program – WHWTF Water Storage Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,900,000	WDS.BL0015.01	2113

Description

This project will consist of the construction of a 2.5 million gallon, concrete finished water storage tank at the West Hartford Water Treatment Facility. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To increase the finished water storage capacity and provide operational flexibility at the West Hartford Water Treatment Facility.

Future Appropriations

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

Bond Language

The sum of \$2,900,000 is hereby appropriated for the construction of a 2.5 million gallon concrete finished water storage tank at the West Hartford Water Treatment Facility 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.

2015 Capital Improvement Program

Water

Program – Water Main Replacement - Bond Street Area, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,400,000	WDS.TM0115.01	2113

Description

Design and construction of water main and service replacements in the Bond Street Area in Hartford. Streets including, but not limited to Bond Street, Redding Street, Preston Street, Wayland Street, and Olds Place. 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 \$4,400,000 is hereby appropriated for the design and construction of water main and service replacements in the Bond Street Area in Hartford. Streets including, but not limited to water mains and service in Bond Street, Redding Street, Preston Street, Wayland Street and Olds Place 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.

2015 Capital Improvement Program

Water

Program – Water Main Replacement - Buckingham Street Area, Hartford

Amount
\$600,000

Project #
WDS.TM0115.02

Fund
2113

Description

The project will consist of the design and construction of water main replacements in the Buckingham Street area in Hartford. Streets include, but are not limited to, Buckingham Street, Hudson Street, Hungerford Street, Clinton Street, West Street, and Whitman Court. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

Additional appropriations requests are anticipated next year.

Bond Language

The sum of \$600,000 is hereby appropriated for the design and construction of water main replacements in the Buckingham Street area in Hartford, including, but are not limited to, water main replacements in Buckingham Street, Hudson Street, Hungerford Street, Clinton Street, West Street and Whitman Court 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.

2015 Capital Improvement Program

Water

Program – Water Main Replacement – Cottage Grove Road & Talcottview Road, Bloomfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$950,000	WAT.CW1296.01	2320

Description

An increase in appropriation is requested in order to expand the limits of the project to include Talcottview Road, Bloomfield. 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.

Prior Appropriations

This appropriation is an increase to the 2011 Water Main Replacement – Cottage Grove Road, Bloomfield authorization of \$1,450,000 (WAT.CW1296.01) Total appropriation for this project will now be \$2,400,000.

Bond Language

An additional sum of \$950,000 is hereby appropriated for the design and construction of water main replacements in Cottage Grove Road and Talcottview Road, Bloomfield and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead. This appropriation is an increase to the 2011 and 2012 Water Main Replacement – Cottage Grove Road, Bloomfield appropriations and bond authorizations of \$1,450,000 (WAT.CW1296.01). The total appropriation for this project will now be \$2,400,000.

2015 Capital Improvement Program

Water

Program – Water Main Replacement Garden Street Area, – Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	WDS.TM0215.01	2113

Description

This project will consist of the design and construction of water main replacements in the Garden Street area in Wethersfield. Streets include, but are not limited to Garden Street, Lincoln Road, Garden Court, Dorchester Road, and Deerfield Road. 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 next year.

Bond Language

The sum of \$2,000,000 is hereby appropriated for the design and construction of water main replacements in the Garden Street area in Wethersfield, including, but are not limited to water main replacements in Garden Street, Lincoln Road, Garden Court, Dorchester Road, and Deerfield Road 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.

2015 Capital Improvement Program

Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2015 Capital Improvement Program budget. These capital programs and projects provide for needed equipment replacement, technology improvements and the development of long-term strategic initiatives. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

The following positions are included in the combined capital program:

Combined

Construction Services	\$ 3,500,000
Engineering Services	2,500,000
Administrative Facilities Improvement Program	1,000,000
Fleet Replacement	800,000
Information Systems - Finance Modules	5,000,000
Information Systems - Operational Modules	5,000,000
Information Systems - Business Transformation SAP Upgrade	5,000,000
Member Towns New GIS Base Map Development	1,600,000
Survey & Construction	5,000,000
Technical Services	4,000,000
Total Combined	\$33,400,000

Authorized Positions

<u>Title</u>	<u>Number</u>
Accounting Administrator-SAP	1
Construction Engineer Support	1
Construction Manager	8
Construction Services Supervisor	6
Design Manager	1
Durational Project Engineer	3
Engineering Technician 2	3
Engineering Technician 3	15
Manager of Constr. & Engineering	1
Manager of Construction Services	1
Manager of Technical Services	1
Principal Engineer	2
Project Engineer 1	8
Project Engineer 2	5
Project Managers	12
Real Estate Assessment Technician 2	1
Senior Engineer Technician	2
Senior Engineering Drafter	2
Special Services Administrator	1
Survey Chief of Operation	1
Survey Chief of Party	2
Total	77

2015 Capital Improvement Program

Combined

Program - Construction Services

Amount
\$3,500,000

Project #
COM.OT0015.01

Fund
5802

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 sewage treatment plants.

Future Appropriations

Future appropriation requests for other projects are anticipated over the next 4 years and include forecasted funding requirements of \$14,000,000.

Bond Language

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

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Manager of Constr. & Engineering	1	7930007
Manager of Construction Services	1	
Construction Manager	7	
Project Engineer 1	5	
Project Engineer 2	2	
Total	16	

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Engineering Services

Amount
\$2,500,000

Project #
COM.OT0015.02

Fund
5802

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 other projects are anticipated over the next 4 years.

Bond Language

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

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Design Manager	1	7930006
Construction Manager	1	
Principal Engineer	1	
Project Managers	6	
Project Engineer 1	<u>2</u>	
Total	11	

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program – Administration Facilities Improvement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	COM.BL0015.01	5613

Description

This program consists of the replacement and/or upgrade to the District's deteriorating Administration facilities which include building improvements, site improvements and equipment improvements. The District costs may include salary, benefits and overhead. Project includes staffing.

Purpose

To replace and/or upgrade aging equipment and structures.

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 upgrade to the District's deteriorating Administration facilities which include building improvements, site improvements, equipment improvements and legal, administrative and other financing costs related thereto. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program – Fleet Replacement

Amount
\$800,000

Project #
COM.VE0015.01

Fund
5613

Description

This program consists of the replacement of transportation and power operated equipment, the purchase of stationary generators, engines and emergency response equipment, and the installation of global positioning systems. Consultants maybe utilized.

Purpose

To maintain the District's fleet.

Future Appropriations

Additional appropriation requests are anticipated over the next four years.

Bond Language

The sum of \$800,000 is hereby appropriated for the replacement of transportation and power operated equipment, the purchase of stationary generators, engines and emergency response equipment, and the installation of global positioning 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.

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Information Technology - Finance Modules

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	COM.EQ0015.01	5613

Description

The project is to implement but not limited to new General Ledger, Budget and CO modules within SAP system. The District costs may include salary, benefits and overhead. Project may include durational employees.

Purpose

To ensure the continued efficient and effective operation of the District's business applications and 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 \$5,000,000 is hereby appropriated for the implementation of new finance modules within the SAP system, including but not limited to new general ledger, budget and CO modules 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.

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Information Technology - Operational Modules

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	COM.EQ0015.02	5613

Description

The project is to implement but not limited to new Material Management, Plant Maintenance and Project Systems modules within SAP system. The District costs may include salary, benefits and overhead. Project may include durational employees.

Purpose

To ensure the continued efficient and effective operation of the District's business applications and 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 \$5,000,000 is hereby appropriated for the implementation of new operational modules within the SAP system, including, but not limited to new material management, plant maintenance and project systems modules 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.

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Information Systems - Business Transformation SAP Upgrade

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	COM.EQ0015.03	5613

Description

The project includes providing technical support for projects such as improvements to and expansion of the District's SAP system. The District costs may include salary, benefits and overhead. Project includes durational employees.

Purpose

To ensure the continued efficient and effective operation of the District's business applications and 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 \$5,000,000 is hereby appropriated for the cost of technical support for the District's information technology programs, including, but not limited to SAP upgrades, 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.

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Accounting Administrator - SAP	$\frac{1}{1}$	7930009
Total	1	

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program – Member Towns New GIS Base Map Development

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,600,000	COM.OT0015.03	5613

Description

This project will use photogrammetric services to fly the 8 member towns, capturing high resolution digital images that will be used to compile new topographic elevation features, and new planimetric features (such as roads, buildings, water bodies, vegetation, sidewalks, etc.) and 4 band digital orthophoto images for use as a replacement to the existing land base map in the District's enterprise GIS geodatabase. Independent outside services may be used as well to compliment District forces in the Quality Assurance/Quality Control of GIS data and images that are delivered. The District costs may include salary, benefits and overhead.

Purpose

To upgrade the GIS Base Map database.

Future Appropriations

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

Bond Language

The sum of \$1,600,000 is hereby appropriated for the use of photogrammetric services to fly over the 8 member towns, capturing high resolution digital images that will be used to compile new topographic elevation features, and new planimetric features (such as roads, buildings, water bodies, vegetation, sidewalks, etc.) and 4 band digital orthophoto images for use as a replacement to the existing land base map in the District's enterprise GIS geodatabase; 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.

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Survey & Construction

Amount
\$5,000,000

Project #
COM.OT0015.04

Fund
5802

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 other projects are anticipated over the next 4 years.

Bond Language

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

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Engineering Technician 2	3	7930005
Engineering Technician 3	15	
Construction Engineer Support	1	
Senior Engineer Technician	2	
Survey Chief of Operation	1	
Construction Services Supervisor	6	
Survey Chief of Party	<u>2</u>	
Total	30	

Funding Allocation

Sewer 49%
Water 51%

2015 Capital Improvement Program

Combined

Program - Technical Services

Amount
\$4,000,000

Project #
COM.OT0015.05

Fund
5802

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 other projects are anticipated over the next 4 years.

Bond Language

The sum of \$4,000,000 is hereby appropriated for 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 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>	<u>Cost Center</u>
Manager of Technical Services	1	7930008
Durational Project Engineer	3	
Principal Engineer	1	
Project Engineer 2	3	
Senior Engineering Drafter	2	
Project Engineer 1	1	
Project Manager	6	
Real Estate Asses Tech 2	1	
Special Services Administrator	1	
Total	19	

Funding Allocation

Sewer 49%

Water 51%

2015 Capital Improvement Program

Debt Management

Effective debt management ensures the District will meet its capital infrastructure and facility needs. It requires a series of decisions about the amount, timing, purposes and structure of debt issuance. The issuance of bonds and notes is authorized by the District Board upon recommendation of the Board of Finance within limitations established by the District Charter and the General Statutes of Connecticut. Annual budgets and bonding resolutions must be approved by the Board of Finance and the District Board.

The Treasury Department manages all District borrowings, paying particular attention to debt affordability and the timing of borrowings, to take advantage of favorable market conditions. The goal is to repay debt rapidly, maintain a conservative level of outstanding debt, and ensure the District's continued positive financial standing within the bond market. The MDC's bond rating is currently AA+ by Standard and Poor's and Aa1 by Moody's.

The District Charter directs that capital expenditures require approval by a two-thirds vote of the entire District Board and a majority vote of electors of the entire District. However, under the Charter the following capital expenditures do not require approval of the electors:

- Capital expenditures not exceeding \$5,000,000 for any one undertaking.
- Expenditures for any undertaking involving not more than \$10,000,000 in any one year for the purpose of meeting a public emergency threatening the lives, health or property of citizens of the District.
- Construction or leasing of headquarters facilities
- Operations or projects allowable by District Charter undertaken by interlocal agreement with another municipality.
- Assessable sewer construction fund project

As of December 31, 2014, the borrowing capacity for general fund financed projects is \$1,189,228,048. The total net direct indebtedness is \$521,682,619 and the remaining ability to borrow is \$667,545,428.

The total principal amount of bonds authorized and unissued at December 31, 2014, including the bonds authorized for the 2014 Capital Improvement Program, is \$1,523,640,341 for sewer and water projects. Bonds authorized for the supply of water and revenue bonds issued for the Clean Water Project are excluded from the debt limitation. The amount of non-water bonds excluding revenue bonds authorized and unissued for general fund financed projects, as of December 31, 2014, and subject to the debt limitation, is \$973,880,037. This amount is \$215,348,011 less than the amount available under the debt limitation of \$1,189,228,048.

To avoid exceeding the debt limitation, the District will take certain steps to exclude a certain principal amount of non-water bonds for general fund financed projects from the debt limitation. These steps include the issuance of a portion of the bonds for the Clean Water Project as revenue bonds to be secured and paid from the Special Sewer Service Surcharge which has been levied beginning in 2008.

In accordance with the District Charter, sewer services are funded through taxation on member municipalities and a sewer user charge for tax exempt and high flow users. Water services and related operations are funded principally through a direct water charge to customers.

The MDC uses two primary sources of funds to finance its capital program:

- Proceeds from the sale of bonds and/or short-term notes.
- State of Connecticut grant and/or loan programs:

2015 Capital Improvement Program

Debt Management

Wastewater Program/Projects - Under the Clean Water Fund, eligible District projects may be awarded an 80% loan (at 2% interest) and a 20% grant. Combined sewer overflow projects may be funded through a 50% loan (at 2% interest) and a 50% grant. Nitrogen reduction projects may be funded through a 70% loan (at 2% interest) and a 30% grant. Some sanitary sewer overflow projects will be funded through a 50% loan (at 2% interest) and a 50% grant, but most will be funded with 100% loan (at 2% interest).

Water Programs/Projects – Under the Drinking Water State Revolving Fund, a project may receive a 100% loan at a rate which is currently at 2%. Depending on the subsidization monies available at the Federal EPA level in conjunction with merits of the project, the DPH may also award subsidized funding.

Upon award of a State Loan, the District issues a Project Loan Obligation (PLO) to evidence the permanent financing of the project loan over 20 years.

Special Sewer Service Surcharge

The Metropolitan District enacted a special sewer service surcharge under Section S12X of the General Sewer Ordinances to be used for the payment of principal and interest on certain bonds and loans which proceeds are used to finance the costs associated with the Clean Water Project.

This special sewer service surcharge shall apply to the customers of the Metropolitan District who utilize both the District sewer system and are furnished water directly by the MDC.

The special sewer service charge effective January 1, 2015 is \$2.90 per CCF of water consumed by District customers who utilize both the District water and sewer systems

2015 Capital Improvement Program

Funding

The 2015 plan for financing new and previously authorized Capital Improvement Programs is consistent with maintaining level debt service proportionate to the overall water and sewer expenditure budget.

Funding of the District's Capital Improvement Program for water and sewer projects (excluding projects related to the Clean Water Referendum) will consist of the issuance of long-term debt (general obligation bonds), short-term debt (notes), contributions for assessable sewer projects or State Clean Water Fund and Drinking Water State Revolving Fund Project Loan Obligations.

2015 Clean Water Project

Referendum 1

Program – Clean Water Project – Referendum 1

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$800,000,000	CW1.000000.00	5300

Description

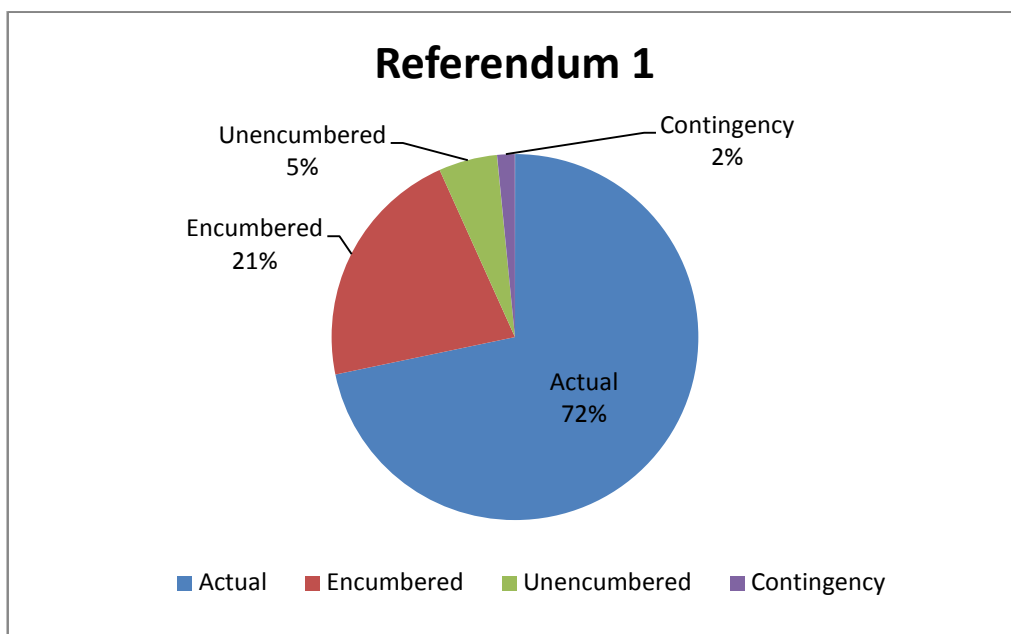
The 2006 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2006.

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	\$ 573,843,644.64
Encumbered	172,324,963.86
Unencumbered	41,289,770.79
Contingency	12,541,620.71
	<u><u>\$ 800,000,000.00</u></u>



2015 Clean Water Project

Referendum 1

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW1.CONSB.R.03	2015 Kane Brook Dsn	1,800,000.00	-	-	1,800,000.00
CW1.FSSFAR.04	Farmington Proj #4	829,399.98	658,004.15	171,395.83	-
CW1.FSSFAR.06	Farmington Proj #6	8,824,501.88	6,877,526.47	1,710,911.65	236,063.76
CW1.FSSFAR.1A	Farm Ave 1A Sew Sep	185,940.04	146,013.41	13,990.80	25,935.83
CW1.FSSFAR.71	Farmington Proj #7.1	2,730,456.19	2,561,258.59	169,197.60	-
CW1.FSSFAR.72	Farmington Proj #7.2	3,905,544.34	3,401,742.49	329,382.67	174,419.18
CW1.MGMGEO.30	Geotechnical Service	3,982,557.98	2,060,441.92	1,922,116.06	-
CW1.MGMPMC.10	2010 CWP PMC	5,433,592.21	5,414,789.79	18,802.42	-
CW1.MGMPMC.13	2013 CWP PMC	8,346,289.67	7,775,217.01	559,828.28	11,244.38
CW1.MGMPMC.15	2015 CWP PMC / CDM	7,000,000.00	-	-	7,000,000.00
CW1.MGMPMU.13	2013 CWP PMU	6,838,462.58	6,838,160.08	302.50	-
CW1.MGMPMU.14	2014 CWP PMU	433,202.89	-	-	433,202.89
CW1.NSSGRA.01	Granby Str Outfall 1	368,037.20	350,653.54	17,383.66	-
CW1.NSSGRA.02	Granby St Proj 2 & 5	35,128,640.00	32,241,216.46	2,136,166.17	751,257.37
CW1.NSSGRA.03	Granby Project #3 NE	1,087,134.87	759,152.57	327,982.30	-
CW1.NSSTOW.02	Tower Av Area South	13,361,920.03	11,890,038.21	722,775.44	749,106.38
CW1.NSSTOW.1A	2011 Tower Ave Bldg	4,668,558.05	4,427,275.10	240,859.57	423.38
CW1.NSSUAL.01	2007 CWP Albany Ave	27,201,919.84	15,461,097.57	9,323,846.03	2,416,976.24
CW1.NSSUAL.02	Upper Albany #2	1,370,500.00	1,189,367.10	121,432.29	59,700.61
CW1.NSSUAL.03	Upper Albany Proj #3	960,015.80	777,979.08	140,122.24	41,914.48
CW1.NSSUAL.07	Route 44 Storm Drain	990,218.00	898,400.75	55,924.93	35,892.32
CW1.NSSUAL.E3	Burton St. Sew Sep	10,078,000.00	8,605,787.57	1,445,886.32	26,326.11
CW1.SSOGEN.11	SSO Pilot Study	3,564,255.58	3,333,591.26	4,466.41	226,197.91
CW1.SSOGEN.13	2013 SSO Elimination	1,408,000.00	716,461.46	682,771.75	8,766.79
CW1.SSONWT.01	2012 SSO-Newington	3,989,974.95	3,370,737.82	540,486.02	78,751.11
CW1.SSONWT.02	2012 Newinton Lining	6,114,498.00	4,573,599.22	1,182,864.19	358,034.59
CW1.SSONWT.06	2012 Newinton Church	5,057,793.16	4,174,938.21	874,882.11	7,972.84
CW1.SSONWT.07	2012 Cedar Newington	502,000.00	370,714.48	95,069.97	36,215.55
CW1.SSOWHA.01	2012 W. Hartford PR	1,710,956.54	1,577,096.29	100,133.83	33,726.42
CW1.SSOWHA.02	2012 SSO Pilot E- WH	2,619,500.00	1,895,380.67	718,302.01	5,817.32
CW1.SSOWHA.04	2012 Four Mile Rd	2,823,556.36	2,508,220.76	222,992.79	92,342.81
CW1.SSOWHA.06	2014 Greenhurst Proj	571,327.29	-	115,593.90	455,733.39
CW1.SSOWHA.07	2012 WH SSES	1,537,500.00	518,258.36	895,339.14	123,902.50
CW1.SSOWND.01	2012 SSO-Windsor	3,933,825.00	2,669,498.47	1,197,971.19	66,355.34
CW1.SSOWND.02	2012 SSO-WI SSES	269,800.00	212,406.30	27,948.58	29,445.12
CW1.SSOWTH.01	2011 SSO-Wethersfield	5,438,473.00	4,201,671.90	1,054,253.92	182,547.18
CW1.SSOWTH.02	2012 RH/Weth. SSES	10,916,843.00	30,751.73	9,432,352.75	1,453,738.52
CW1.SSOWTH.03	2012 SSO Pilot D-Wet	3,222,630.00	2,093,362.07	910,332.70	218,935.23
CW1.SSOWTH.04	2012 Folly Brook Reh	381,075.00	276,392.02	88,464.20	16,218.78
CW1.SSOWTH.07	2012 SSO Exe Sq PS	356,553.00	125,813.20	65,199.80	165,540.00
CW1.SSOWTH.08	2012 FOLLY BROOK	1,680,000.00	985,111.95	668,754.12	26,133.93
CW1.SSSFRA.01	Franklin Proj #1- B	1,564,067.56	1,496,150.82	65,016.44	2,900.30
CW1.SSSFRA.02	FranklinAve #7-Pkg A	203,500.00	75,512.19	119,012.04	8,975.77
CW1.SSSFRA.04	Franklin Proj #4 - D	2,176,068.18	2,131,293.04	37,656.05	7,119.09
CW1.SSSFRA.11	FranklinAve #11-Pk A	673,500.00	319,978.07	348,555.37	4,966.56
CW1.SSSFRA.12	Franklin Proj #12 -D	1,861,187.80	1,556,006.57	257,566.77	47,614.46
CW1.SSSFRA.13	Franklin Proj #13-B	45,853,292.47	22,372,243.20	19,435,732.28	4,045,316.99
CW1.SSSFRA.15	Airport Rd PS F.M.	5,462,611.38	4,816,834.26	633,555.42	12,221.70
CW1.SSSFRA.16	2012 Building Dis 1	886,000.00	543,137.15	323,874.09	18,988.76
CW1.SSSFRA.17	2012 Building Dis 2	686,903.92	400,481.70	286,422.22	-
CW1.SSSFRA.18	2012 Building Dis 3	650,000.00	316,932.80	74,246.64	258,820.56
CW1.SSSFRA.1A	Franklin Ave-House D	1,177,000.00	804,840.39	243,939.21	128,220.40
CW1.SSSFRA.4D	Franklin Proj #5-D	29,756,286.84	22,593,063.51	6,022,479.94	1,140,743.39
CW1.SSSPAR.01	Park River Proj #1	1,326,000.00	557,538.48	691,476.52	76,985.00
CW1.SSSPAR.03	Park River #3	1,077,897.52	904,041.42	144,224.22	29,631.88
CW1.SSSPAR.07	Retreat Avenue	9,840,840.56	8,346,506.55	1,415,520.00	78,814.01

2015 Clean Water Project

Referendum 1

Ongoing Projects cont.

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW1.SSSPAR.11	2013 Green Infrastru	466,500.00	140,786.76	281,357.00	44,356.24
CW1.SSSPAR.12	2014 Green Infra Dem	350,000.00	-	298,624.39	51,375.61
CW1.TUNSTH.00	South CSO Convey Tun	37,966,490.75	22,727,942.94	13,041,348.64	2,197,199.17
CW1.WTFHAR.01	HWPCF Master Plan	9,762,625.31	9,733,203.42	29,421.89	-
CW1.WTFHAR.08	Incinerator #3 Rehab	43,102,000.00	43,056,907.32	40,526.88	4,565.80
CW1.WTFHAR.13	Aeration Settle Tank	39,586,672.05	39,458,279.26	128,392.79	-
CW1.WTFHAR.14	ASH HAND & MERCURY	13,300,000.00	1,282,280.86	11,835,842.48	181,876.66
CW1.WTFHAR.16	BNR Phase II Upgrade	36,318,397.00	35,332,416.95	339,517.87	646,462.18
CW1.WTFHAR.17	2011 Solids Handling	794,027.21	772,598.99	8,134.22	13,294.00
CW1.WTFHAR.18	2011 Wet Weather Exp	42,820,195.00	30,772,919.54	899,481.30	11,147,794.16
CW1.WTFHAR.20	2013 WWEP #2012-20	88,998,133.00	8,188,890.11	77,016,553.05	3,792,689.84
		\$ 618,283,648.98	\$ 404,668,914.33	\$ 172,324,963.86	\$ 41,289,770.79
CW1.000000.00	Referendum 1 Contingency	12,541,620.71			
	Completed Projects	169,174,730.31			
	Referendum 1	\$ 800,000,000.00			

2015 Clean Water Project

Referendum 1

Completed Projects

Project ID	Project Name	Current Budget		Actual		Encumbered	Remaining Budget
CW1.CONSB.R.00	South Branch CSO Con	\$	450,579.73	\$	450,579.73	\$	-
CW1.CONHOM.00	2007 CWP Homestead		31,044,718.39		31,044,718.39		-
CW1.FSSFAR.PD	Farmington Ave PD		640,900.68		640,900.68		-
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	2009 CWP PMC		4,539,195.90		4,539,195.90		-
CW1.MGMPMC.11	2011 CWP PMC		8,157,922.51		8,157,922.51		-
CW1.MGMPMC.12	2012 CWP PMC		6,719,698.60		6,719,698.60		-
CW1.MGMPMU.07	2007 CWP PMU		3,255,730.36		3,255,730.36		-
CW1.MGMPMU.08	2008 CWP PMU		3,403,759.44		3,403,759.44		-
CW1.MGMPMU.09	2009 CWP PMU		5,874,757.78		5,874,757.78		-
CW1.MGMPMU.10	2010 CWP PMU		10,922,243.51		10,922,243.51		-
CW1.MGMPMU.11	2011 CWP PMU		11,589,004.93		11,589,004.93		-
CW1.MGMPMU.12	2012 CWP PMU		6,894,906.59		6,894,906.59		-
CW1.NSSTOW.01	2007 CWP Tower Ave		7,863,944.77		7,863,944.77		-
CW1.NSSTOW.FD	Tower Ave Area #1Des		157,819.00		157,819.00		-
CW1.NSSTOW.PD	Tower Ave Sep PD		106,658.86		106,658.86		-
CW1.NSSUAL.08	Garden Street Htfd		6,893,628.16		6,893,628.16		-
CW1.NSSUAL.ES	Upp Albany Edgewood		3,494,428.99		3,494,428.99		-
CW1.NSSUAL.PD	Upper Albany Sep PD		680,471.26		680,471.26		-
CW1.SSOGEN.07	2007 CW SSO Gen Rep		13,583,866.10		13,583,866.10		-
CW1.SSOGEN.08	2008 Clean Water SSO		7,690,639.29		7,690,639.29		-
CW1.SSORKH.07	2012 RH Interceptor		206,525.00		206,525.00		-
CW1.SSSFRA.PD	Franklin Ave Area PD		2,032,185.44		2,032,185.44		-
CW1.SSSPAR.06	Green Capital Projct		983,689.36		983,689.36		-
CW1.SSSPAR.PD	Park River Sep PD		683,914.79		683,914.79		-
CW1.WTFHAR.10	HWPCF SCADA		854,591.82		854,591.82		-
CW1.WTFHAR.11	UV Disinfection Proj		19,105,159.61		19,105,159.61		-
CW1.WTFHAR.12	Demo Compost Bldg		1,112,844.65		1,112,844.65		-
CW1.WTFHAR.E1	Clsd07 CWP HWPCF PHI		5,200,006.71		5,200,006.71		-
CW1.WTFRKH.03	Rocky Hill Master PI		261,359.38		261,359.38		-
		\$	169,174,730.31	\$	169,174,730.31	\$	-

2015 Clean Water Project

Referendum 2

Program – Clean Water Project – Referendum 2

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$800,000,000	CW2.000000.00	5400

Description

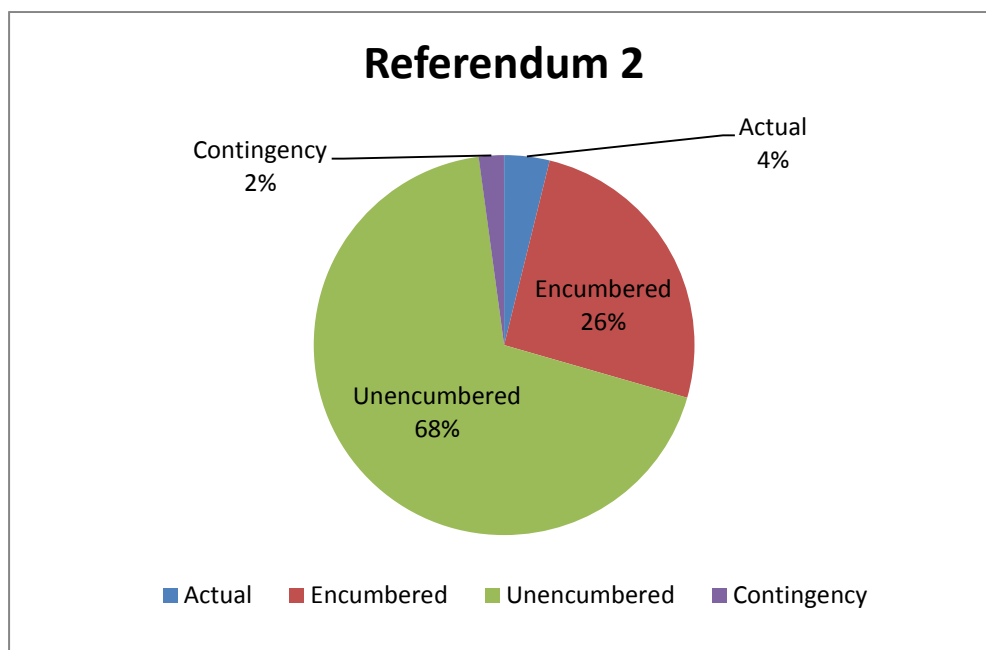
The 2012 Clean Water Project Referendum Fund accounts for financial resources to be used for the second phase of the Clean Water Project, which was authorized on November 6, 2012.

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	\$ 30,709,649.17
Encumbered	205,101,892.54
Unencumbered	547,045,964.01
Contingency	17,142,494.28
	<u><u>\$ 800,000,000.00</u></u>



2015 Clean Water Project

Referendum 2

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW2.MGMCWP.13	2013 CWP Admin	\$ 505,030.18	\$ 505,030.18	\$ -	\$ -
CW2.WTFRKH.04	2013 RHWPCF Cap & Up	60,200,000.00	4,512,570.79	47,829,779.88	7,857,649.33
CW2.WTFHAR.24	2013 231 BRAINARD RD	13,000,000.00	10,272,761.00	183,297.74	2,543,941.26
CW2.MGMCWP.14	2014 CWP Admin.	11,238,571.54	9,888,072.77	192,911.77	1,157,587.00
CW2.MGMPMC.14	2014 CWP PMC / CDM	8,000,000.00	5,376,165.84	1,823,687.75	800,146.41
CW2.TUNNTH.01	2014 North Tunnel	12,100,000.00	6,023.50	33,976.50	12,060,000.00
CW2.WTFHAR.21	2014 WWEP #2012-21	163,000,000.00	7,952.08	154,639,056.92	8,352,991.00
CW2.NSSUAL.09	2014 Gully Brook Con	465,000.00	103,059.85	318,235.01	43,705.14
CW2.SSSPAR.10	2014 PRI CRI Grit Ch	50,000.00	-	40,693.83	9,306.17
CW2.SSOWTH.10	2014 SSES Rocky Hill	10,248,904.00	38,013.16	40,253.14	10,170,637.70
CW2.CONFAR.02	2015 NNBI Rel./Oxfor	2,500,000.00	-	-	2,500,000.00
CW2.MGMCWP.15	2015 CWP Admin.	11,000,000.00	-	-	11,000,000.00
CW2.SSOWHA.07	2015 WH SSES I	25,000,000.00	-	-	25,000,000.00
CW2.CONGBR.02	2015 Walnut / Church	350,000.00	-	-	350,000.00
CW2.SSSPAR.08	2015 Park St Dsn	1,000,000.00	-	-	1,000,000.00
CW2.CONNMD.01	2015 Main St Dsn	900,000.00	-	-	900,000.00
CW2.CONNMD.02	2015 Sanford St Dsn	300,000.00	-	-	300,000.00
CW2.SSOWHA.08	2015 WH SSES Rehabil	11,000,000.00	-	-	11,000,000.00
CW2.CONSBP.01	2015 New Britain&Arl	29,100,000.00	-	-	29,100,000.00
CW2.CONFRA.01	2015 Franklin & Mapl	28,000,000.00	-	-	28,000,000.00
CW2.TUNSTH.01	2015 SHCST Util Relo	2,600,000.00	-	-	2,600,000.00
CW2.TUNSTH.02	2015 SHCST Construct	320,000,000.00	-	-	320,000,000.00
CW2.TUNSTH.03	2015 SHCST Pump Stat	50,300,000.00	-	-	50,300,000.00
CW2.MGMCWP.16	2016 CWP Admin	6,000,000.00	-	-	6,000,000.00
CW2.MGMCWP.17	2017 CWP Admin	5,000,000.00	-	-	5,000,000.00
CW2.MGMPMC.16	2016 CWP PMC/CDM	6,000,000.00	-	-	6,000,000.00
CW2.MGMPMC.17	2017 CWP PMC/CDM	5,000,000.00	-	-	5,000,000.00
		\$ 782,857,505.72	\$ 30,709,649.17	\$ 205,101,892.54	\$ 547,045,964.01
	Contingency	17,142,494.28			
CW2.000000.00	Referendum 2	\$ 800,000,000.00			

2015 Capital Improvement Program

Exhibit

The following tables represent the new Project Numbering System.

Project Numbering Scheme

Element	Asset Class	.	Asset Type	Town	Year	.	Sequence	Complete String	Explanation
# of Characters	3	1	2	2	2	1	2	13	
Samples	WTF	.	FA	05	14	.	01	WTF. FA0514. 01	Bloomfield Res. #6 Upgrade
	SCS	.	SR	01	14	.	89	SCS. SR0114. 89	Sewer Project in Hartford, started 2014, 89 Project Overall
	WDS	.	PV	00	14	.	07	WDS. PV0014. 07	Water Distribution - Pressure Relief Valves, Multi-Town, 2014, 7th project overall

Asset Class	
WSH	Water Supply/Hydro
WTF	Water Treatment Facilities
WDS	Water Distribution System
SCS	Sewer Collection and Storm
WPC	Water Pollution Control
COM	Combined

Asset Type	
BL	Buildings
BN	Finished water basins
CN	Conduits
DA	Dams
DM	Distribution Mains
EQ	Equipment
FA	Facilities
GT	Gates
HY	Hydroelectrical
IN	Interceptors
LA	Land
MP	Meter Pits
MT	Meters
OT	Other
OV	Overflows
PS	Pump Stations
PV	Pressure Relief Valves
RC	Recreation
RV	Reservoirs
RW	Raw Water Pipelines
SD	Storm Drains
SR	Sewers
TK	Storage Tanks
TM	Transmission Mains
TN	Tunnels
TP	Treatment Plant
VE	Vehicles
WL	Wells
XM	Interconnection Meters

Towns	
00	Raw Water and Multi-Town
01	Hartford
02	Wethersfield
03	Rocky Hill
04	Newington
05	Bloomfield
06	Windsor
07	East Hartford
08	Not Used
09	Not Used
10	West Hartford
11	Manchester
12	Glastonbury
13	Farmington
14	South Windsor
15	Unionville
16	Cromwell
17	Berlin
18	New Hartford
19	Avon
20	Windsor Locks
21	East Granby
22	Not Used
23	Not Used
24	Not Used
25	Burlington
26	Canton
27	Colebrook
28	Barkhamsted
29	Hartland
30	Essex
31	Collinsville
32	Goodwin HD
33	Ellington
34	Torrington
35	Watertown
36	Portland
37	West Hartland
38	Simsbury

2015 Capital Improvement Program

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2015 Capital Improvement Program

Supplemental

BOARD OF FINANCE CAPITAL IMPROVEMENT PROJECTS

To: District Board for consideration on March 3, 2014

The Board of Commissioners of The Metropolitan District, upon referral by the Board of Finance and the Water Bureau, hereby approves the following resolution:

Be It Resolved that Board of Commissioners accepts and approves the Kilkenny Tank Transmission Main and UConn Farmington Health Center capital improvement projects as initially identified in and subsequently deleted from the MDC 2014 Capital Improvement Budget; and

Be It Further Resolved that the total expenditure authorization for the Kilkenny Tank Transmission Main project shall not exceed \$5,000,000.00, of which no more than \$5,000,000.00 shall be paid through bond authorizations; and

Be It Further Resolved that the total expenditure authorization for the UConn Farmington Health Center project shall not exceed \$4,000,000.00, of which no more than \$400,000.00 shall be paid through bond authorizations, with the balance of \$3,600,000.00 paid by the State of Connecticut and/or the University of Connecticut pursuant to a cost allocation agreement with the District.

Be It Further Resolved that the District Board approve passage of the following resolutions:

Respectfully submitted,

John S. Mirtle, Esq.
District Clerk

2015 Capital Improvement Program

Supplemental

The following to project was increased by the District Board, May 12, 2014.

Program – CWP Water Main Rehabilitation – Guilford, Pliny, Mather, Winter, Brook, and Bedford Streets, Hartford

Amount
\$500,000

Project #
WAT.CW1276.01

Fund
2320

Description

Some of the water mains within the Clean Water Project within the City of Hartford boundaries have been recommended by the Asset Management Program to be replaced; therefore it would be necessary to replace / rehabilitate various portions of District's water infrastructure to assure the serviceability of the delivery system.

Prior Appropriations

This appropriation is an increase to the CWP Water Main Replacement – Guilford, Pliny, Mather, Winter, Brook, and Bedford Streets, Hartford authorization of \$3,107,000 (WAT.CW1276.01). Total appropriation for this project will now be \$3,607,000.

Project to be completed in conjunction with the Clean Water Project

Resolved

That the appropriation for the CWP Water Main Replacement – Guilford, Pliny, Mather, Winter, Brook, and Bedford Streets, Hartford (WAT.CW1276.01) be increased by \$500,000 to \$3,607,000.

2015 Capital Improvement Program

Supplemental

BOARD OF FINANCE CLOSEOUT OF WATER CAPITAL PROJECT PROGRAMS

From: Board of Finance

To: District Board

May 12, 2014

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.

Project Number	Project Name	Year	BA	Town	Budget	Expended Amount	Remaining Balance
CWN0000916	AMR WEST HARTFORD	2000	2090	West Hartford	\$ 5,000,000.00	\$ 988,854.46	\$ 4,011,145.54
CWN0000918	Water Improvements (F105)	2000	2090	Various	\$ 5,000.00	\$ 5,000.00	\$ -
CWN0000932	Windsor/E. Granby Storage Tank (FORM 124	1994	2090	Windsor/East Granby	\$ 1,000,021.12	\$ -	\$ 1,000,021.12
CWN0000943	CLSD-BLFD WATER TREATMENT(FORM. 141)	1996	2090	Bloomfield	\$ 2,038,854.14	\$ 1,350,887.19	\$ 687,966.95
CWN0000944	WEST HTFD WATER TRTMT (FORM. 142)	1996	2090	West Hartford	\$ 285,801.46	\$ 176,221.42	\$ 109,580.04
CWN0000951	SIVL-Elm St. Water Repl (128)	1996	2090	Windsor	\$ 105,802.21	\$ -	\$ 105,802.21
CWN0000953	Rehab Old Res. #6 Washwtr Tank(FORM.170)	1998	2090	Bloomfield	\$ 87,192.00	\$ 87,192.00	\$ -
CWN0000954	SIVL-Bushnell Street (129)	1995	2090	Hartford	\$ 286,570.84	\$ -	\$ 286,570.84
CWN0000957	Goodwin Dam Generator (FORM 131)	1995	2090	New Hartford	\$ 80,000.00	\$ -	\$ 80,000.00
CWN0000958	Kilkenny Rocks Storage Tank(FORM.171)	1998	2090	West Hartford	\$ 555,000.00	\$ 5,298.20	\$ 549,701.80
CWN0000963	Bloomfield Water Filtration Plant (155)	1997	2090	Bloomfield	\$ 457,105.83	\$ 4,062.00	\$ 453,043.83
CWN0000965	Cromwell Ave. Bridge Water Main Rep (157	1997	2090	Hartford	\$ 131,340.72	\$ 114,740.72	\$ 16,600.00
CWN0000982	Central Avenue (FORM.223)	1999	2090	Windsor	\$ 3,667.00	\$ -	\$ 3,667.00
CWN0000993	AMR East Hartford and Hartford(FORM.903)	1996	2090	Various	\$ 3,897,693.40	\$ -	\$ 3,897,693.40
CWN0000995	AMR S.Wind,Glast.,Wtfd,R.H.,(FORM.904)	1996	2090	Various	\$ 3,850,576.20	\$ 17,552.83	\$ 3,833,023.37
CWN0000999	CLSD-Newington Feeder Main,Phase I	1992	2090	Newington	\$ 2,468,143.79	\$ 525,940.66	\$ 1,942,203.13
CWN0001020	SIVL-BUSHENELL ST(FORM 245)	2000	2090	Hartford	\$ 19,441.00	\$ -	\$ 19,441.00
CWN0001023	Pump Station Improvements (FORM 173)	1998	2090	Various	\$ 72,132.71	\$ 72,109.65	\$ 23.06
CWN0001026	System Improv Various Loc(FORM.248)	1999	2090	Various	\$ 772,697.00	\$ -	\$ 772,697.00
CWN0001033	Groundwater Development (FORM 265)	1991	2090	Various	\$ 247,557.21	\$ 12,457.20	\$ 235,100.01
CWN0001060	2002 GPW-Commerce Street Bridge	2002	2090	Hartford	\$ 12,566.62	\$ 12,566.62	\$ -
CWN0001063	2003 South Mill Pump Station	2003	2090	Glastonbury	\$ 183,307.23	\$ 183,307.23	\$ -
CWN0001065	2003 Radio Based Automated Meter Reading	2003	2090	Various	\$ 281,933.37	\$ 281,933.37	\$ -
CWN0001070	2004 GPW-Land Acquisition for Watershed	2004	2090	Various	\$ 7,400.00	\$ 7,400.00	\$ -
CWNSA00002	2000 FARMINGTON AVE WATER MAIN RPLMNT.	2000	2090	Hartford	\$ 2,500,000.00	\$ 2,073,327.26	\$ 426,672.74
CWNSA00004	2000 RES.6 TO RES.5 SUPPLY LINE	2000	2090	Various	\$ 5,000,000.00	\$ -	\$ 5,000,000.00
CWNSA00005	Clsd1999 BLOOMFIELD WTR TREATMNT IMP.197	1999	2090	Bloomfield	\$ 1,632,375.10	\$ 1,632,375.10	\$ -
CWNSA00006	1999 WEST HARTFORD TREATMENT IMP.(f.198)	1999	2090	West Hartford	\$ 1,831,836.99	\$ 1,831,836.99	\$ -
CWNSA00009	2001-Electrical Upgrades, Phase II, WH	2001	2090	West Hartford	\$ 1,790,768.24	\$ 1,790,768.24	\$ -
CWNSA00011	2004 Bloomfield Electrical Upgrades	2004	2090	Bloomfield	\$ 250.00	\$ -	\$ 250.00
CWNSA00013	2004 WH. Chemical Feed System	2004	2090	West Hartford	\$ 19,332.86	\$ 19,332.86	\$ -
	Subtotal BA 2090				\$ 34,624,367.04	\$ 11,193,164.00	\$ 23,431,203.04
CWN0001122	2001-Windsor Ave. Water Replmnt	2001	2201	Windsor	\$ 200,000.00	\$ -	\$ 200,000.00
	Subtotal BA 2201				\$ 200,000.00	\$ -	\$ 200,000.00
CWN0001137	2002 UPLANDS PUMP STATION UPGRADE	2002	2202	Glastonbury	\$ 483,350.10	\$ 320,786.44	\$ 162,563.66
	Subtotal BA 2202				\$ 483,350.10	\$ 320,786.44	\$ 162,563.66
CWN0001143	CLSD 2003 Farmington Ave Water Main Rplmt PH2	2003	2203	Hartford	\$ 1,083,750.00	\$ 1,030,944.45	\$ 52,805.55
	Subtotal BA 2203				\$ 1,083,750.00	\$ 1,030,944.45	\$ 52,805.55
CWN0001127	2004-GPW-Water Facilities Imp.	2004	2204	Various	\$ 1,693,358.76	\$ 1,205,512.32	\$ 487,846.44
CWN0001128	2004 GPW-Reserve	2004	2204	Various	\$ 100,000.00	\$ -	\$ 100,000.00
	Subtotal BA 2204				\$ 1,793,358.76	\$ 1,205,512.32	\$ 587,846.44
CWN0001100	1999 BLOOMFIELD WATER TREATMENT IMP	1999	2302	Bloomfield	\$ 3,367,624.90	\$ 2,528,063.41	\$ 839,561.49
	Subtotal BA 2302				\$ 3,367,624.90	\$ 2,528,063.41	\$ 839,561.49
CWN0001188	CLSD 2007Radio Based AMR	2007	2318	Various	\$ 5,000,000.00	\$ 3,485,614.38	\$ 1,514,385.62
	Subtotal BA 2318				\$ 5,000,000.00	\$ 3,485,614.38	\$ 1,514,385.62

2015 Capital Improvement Program

Supplemental

WAT.CW1320.01	2011 CWP WMR-GRISWOLD ST, HARTFORD	2011	2320	Hartford	\$ 236,000.00	\$ -	\$ 236,000.00
WAT.CW1321.01	2011 CWP WMR-HARWICH ST, HARTFORD	2011	2320	Hartford	\$ 545,000.00	\$ -	\$ 545,000.00
WAT.CW1322.01	2011 CWP WMR-FAIRFIELD AVE, HARTFORD	2011	2320	Hartford	\$ 305,000.00	\$ -	\$ 305,000.00
WAT.CW1323.01	2011 CWP WMR-TORWOOD ST, HARTFORD	2011	2320	Hartford	\$ 435,000.00	\$ -	\$ 435,000.00
WAT.CW1324.01	2011 CWP WMR-MAPLE AVE, HARTFORD	2011	2320	Hartford	\$ 320,000.00	\$ -	\$ 320,000.00
	Subtotal BA 2320				\$ 1,841,000.00	\$ -	\$ 1,841,000.00
WAT.CW1198.01	2008 Paving Program	2008	2323	Various	\$ 3,500,000.00	\$ 3,481,998.28	\$ 18,001.72
WAT.CW1215.01	2009 Paving Program	2009	2323	Various	\$ 3,000,000.00	\$ 2,990,217.75	\$ 9,782.25
WAT.CW1261.01	2010 Paving Program	2010	2323	Various	\$ 3,000,000.00	\$ 2,960,949.20	\$ 39,050.80
WAT.CW1306.01	2011 PAVING PROGRAM	2011	2323	Various	\$ 3,000,000.00	\$ 2,944,691.37	\$ 55,308.63
	Subtotal BA 2323				\$ 12,500,000.00	\$ 12,377,856.60	\$ 122,143.40
CWN0001184	2007 Capital Equipment Replacement	2007	2326	Hartford	\$ 1,500,000.00	\$ 1,499,949.41	\$ 50.59
	Subtotal BA 2326				\$ 1,500,000.00	\$ 1,499,949.41	\$ 50.59
CWN0001175	Clsd 2007 Asset Management Water Admin	2007	2328	Various	\$ 450,000.00	\$ 250,301.61	\$ 199,698.39
	Subtotal BA 2328				\$ 450,000.00	\$ 250,301.61	\$ 199,698.39
WAT.CW1286.01	High Street, Hartford Water Main	2008	2332	Hartford	\$ 457,000.00	\$ 418,482.43	\$ 38,517.57
WAT.CW1232.01	System Enhancements	2008	2332	Various	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
WAT.CW1235.01	System Enhancements	2007	2332	Various	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
	Subtotal BA 2332				\$ 2,457,000.00	\$ 418,482.43	\$ 2,038,517.57
CWA0000324	Newberry Street-prev CWA0000313	1998	2698	Hartford	\$ 28,197.48	\$ -	\$ 28,197.48
CWA0000325	Unscheduled Water Projects-CWA0000306	1998	2698	Various	\$ 396,500.00	\$ -	\$ 396,500.00
	Subtotal BA 2698				\$ 424,697.48	\$ -	\$ 424,697.48
CWA0000326	Clsd 2000 AW PROJECTS -prev CWA0000300	2000	2700	Various	\$ 455,620.00	\$ -	\$ 455,620.00
CWA0000328	WOODS ROAD, BLFD,PRE-CWA0000318	2000	2700	Bloomfield	\$ 4,919.61	\$ -	\$ 4,919.61
	Subtotal BA 2700				\$ 460,539.61	\$ -	\$ 460,539.61
CWA0000329	Closed 2001 AW PROJECTS	2001	2701	Various	\$ 199,666.60	\$ -	\$ 199,666.60
	Subtotal BA 2701				\$ 199,666.60	\$ -	\$ 199,666.60
CWA0000330	Closed 2002 AW PROJECTS	2002	2702	Various	\$ 200,000.00	\$ -	\$ 200,000.00
CWA0000331	Closed 2002 AW ST REGIS ST EAST HARTFOR	2002	2702	East Hartford	\$ 300,000.00	\$ 242,660.75	\$ 57,339.25
	Subtotal BA 2702				\$ 500,000.00	\$ 242,660.75	\$ 257,339.25
CWA0000338	Clsd2003-AWP Chapel Road, South Windsor	2003	2703	South Windsor	\$ 100,000.00	\$ 8,937.44	\$ 91,062.56
	Subtotal BA 2703				\$ 100,000.00	\$ 8,937.44	\$ 91,062.56
WAT.CWA342.01	2008-AW Pope Park Hwy Water Main Ext	2008	2708	Hartford	\$ 400,000.00	\$ 347,042.54	\$ 52,957.46
	Subtotal BA 2708				\$ 400,000.00	\$ 347,042.54	\$ 52,957.46
	Total Water Program				\$ 67,385,354.49	\$ 34,909,315.78	\$ 32,476,038.71

After reviewing the information contained herein

It is therefore recommended that it be:

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

Respectfully submitted,

John S. Mirtle, Esq.
District Clerk

On motion made by Commissioner Caban and duly seconded, the resolution was adopted, by unanimous vote of those present.

2015 Capital Improvement Program

Supplemental

BOARD OF FINANCE SEWER CAPITAL PROJECT PROGRAMS

From: Board of Finance

To: District Board

May 12, 2014

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.

2015 Capital Improvement Program

Supplemental

Project Number	Project NAME	Year	BA	Town	Budget	Expended Amount	Remaining Balance
CSN0000883	CLOSED GENERAL PURPOSE SEWER 1998	1998	5088	Various	\$ 506,034.25	\$ -	\$ 506,034.25
CSN0000884	GENERAL PURPOSE SEWER 1998	1998	5088	Various	\$ 933,965.75	\$ -	\$ 933,965.75
	Subtotal BA 5088				\$ 1,440,000.00	\$ -	\$ 1,440,000.00
CSN0000425	HWPCF Composting System Improvements	1997	5097	Hartford	\$ 300,000.00	\$ 31,080.00	\$ 268,920.00
CSN0000426	WPC Laboratory Upgrade	1997	5097	Hartford	\$ 115,700.00	\$ 74,160.00	\$ 41,540.00
CSN0000427	WPC Facilities Electrical System Improve	1997	5097	Hartford	\$ 175,000.00	\$ -	\$ 175,000.00
CSN0000428	Newington Sewer System Study	1997	5097	Newington	\$ 682,500.00	\$ 100,033.52	\$ 582,466.48
CSN0000950	Charlotte St. Sewer Replacement	1997	5097	Hartford	\$ 40,861.00	\$ -	\$ 40,861.00
CSN0000953	Install two turbine flow meters	1997	5097	Hartford	\$ 220,000.00	\$ 4,927.00	\$ 215,073.00
CSN0000955	Disposal of 1500 KVA	1997	5097	Hartford	\$ 64,600.00	\$ 2,034.00	\$ 62,566.00
	Subtotal BA 5097				\$ 1,598,661.00	\$ 212,234.52	\$ 1,386,426.48
CSN0000970	Closed Sewer Rehabilitation Projects	1999	5099	Various	\$ 100,000.00	\$ -	\$ 100,000.00
CSN0000975	SRP-Compost Process Improvements, HWPCF	1999	5099	Hartford	\$ 400,000.00	\$ -	\$ 400,000.00
	Subtotal BA 5099				\$ 500,000.00	\$ -	\$ 500,000.00
CSN0001001	Closed-2000 Sewer Rehabilitation Projs	2000	5100	Various	\$ 750,000.00	\$ 91,433.11	\$ 658,566.89
CSN0001002	Closed-Private Property Inflow Program	2000	5100	Various	\$ 100,000.00	\$ 38,521.15	\$ 61,478.85
CSN0001003	Clsd Emergency Response Plan	2000	5100	Various	\$ 150,000.00	\$ -	\$ 150,000.00
CSN0001004	Closed - Consultant Engineering Services	2000	5100	Various	\$ 250,000.00	\$ 218,417.22	\$ 31,582.78
CSN0001006	Closed WPCF Infrastructure Improve Prog	2000	5100	Hartford	\$ 1,350,235.00	\$ 1,350,231.44	\$ 3.56
CSN0001007	Closed - 2000 Reserve	2000	5100	Various	\$ 200,000.00	\$ -	\$ 200,000.00
CSN0001011	clsd HUDSON STREET,HTFD-2000 SWR REHAB	2000	5100	Hartford	\$ 111,000.00	\$ 50,668.00	\$ 60,332.00
CSN0001012	clsd ADAMS ST/MURRAY ST 2000 SWR REHAB	2000	5100	Hartford	\$ 140,000.00	\$ 96,830.66	\$ 43,169.34
CSN0001013	clsd CEDAR ST -2000 SEWER REHAB	2000	5100	Hartford	\$ 390,000.00	\$ 72,989.16	\$ 317,010.84
	Subtotal BA 5100				\$ 3,441,235.00	\$ 1,919,090.74	\$ 1,522,144.26
CSN0001041	clsd 2002 SEWER REHABILITATION PROJECTS	2002	5102	Various	\$ 1,000,000.00	\$ 48,624.61	\$ 951,375.39
CSN0001042	clsd2002 WPCF INFRASTRUCTURE IMPR PROGRAM	2002	5102	Hartford	\$ 1,490,000.00	\$ 1,469,869.09	\$ 20,130.91
CSN0001043	clsd 2002 RESERVE	2002	5102	Various	\$ 100,000.00	\$ 81,372.63	\$ 18,627.37
CSN0001054	clsd02 GPS-Woodpond Pmp Station Imprvmts	2002	5102	Hartford	\$ 10,000.00	\$ 9,950.00	\$ 50.00
CSN0001055	clsd 2002 SRP- Fraser Place	2002	5102	Hartford	\$ 117,814.68	\$ 117,814.68	\$ -
CSN0001056	clsd02 SRP-SOMERSET ST	2002	5102	West Hartford	\$ 46,467.47	\$ 37,950.00	\$ 8,517.47
CSN0001082	clsd 02 SRP-Beaver Rd Sewer	2002	5102	Wethersfield	\$ 95,220.00	\$ 95,220.00	\$ -
CSN0001084	clsd 2002 GPS-Deerfield Ave	2002	5102	Hartford	\$ 690,000.00	\$ 2,100.00	\$ 687,900.00
	Subtotal BA 5102				\$ 3,549,502.15	\$ 1,862,901.01	\$ 1,686,601.14
CSN0001070	clsd04 GPS. Various Sewer Rehabilitation	2004	5104	Various	\$ 160,000.00	\$ 159,914.74	\$ 85.26
CSN0001078	clsd 2004 GPS-Wethersfield/RH I.R.E. D/C	2004	5104	Various	\$ 1,300,000.00	\$ -	\$ 1,300,000.00
CSN0001079	clsd04 GPS-Private Property Inflow Disc.	2004	5104	Various	\$ 160,000.00	\$ -	\$ 160,000.00
CSN0001080	clsd2004 GPS-Backwater Valve Replacement	2004	5104	Various	\$ 300,000.00	\$ 298,578.98	\$ 1,421.02
CSN0001081	clsd 2004 GPS- Reserve	2004	5104	Various	\$ 100,000.00	\$ 84,219.98	\$ 15,780.02
CSN0001083	clsd 2004-GPS Sequin Road	2004	5104	West Hartford	\$ 800,000.00	\$ 587,370.45	\$ 212,629.55
CSN0001106	clsd 2004-SRP Goodrich Street	2004	5104	Hartford	\$ 40,000.00	\$ 31,166.72	\$ 8,833.28
	Subtotal BA 5104				\$ 2,860,000.00	\$ 1,161,250.87	\$ 1,698,749.13
CSN0001087	Closed 2005 Reserve	2005	5105	Various	\$ 80,250.00	\$ 80,250.00	\$ -
	Subtotal BA 5105				\$ 80,250.00	\$ 80,250.00	\$ -
CSN0001120	2007 General Purpose Sewer Program	2007	5107	Various	\$ 9,000.00	\$ -	\$ 9,000.00
	Subtotal BA 5107				\$ 9,000.00	\$ -	\$ 9,000.00
WWA.CS1127.02	2008 GPS Lawrence St. 12" Main Rep	2008	5108	Hartford	\$ 411,250.00	\$ 270,512.27	\$ 140,737.73
	Subtotal BA 5108				\$ 411,250.00	\$ 270,512.27	\$ 140,737.73

2015 Capital Improvement Program

Supplemental

CSA0000334	58 MAPLES STREET, WETHERSFIELD		5630	Wethersfield	\$ 100,000.00	\$ 74,748.20	\$ 25,251.80
CSA0000389	Clsd Unsch. L&A Projects	1989	5630	Various	\$ 2,000,000.00	\$ -	\$ 2,000,000.00
CSA0000394	Clsd Unsch. L&A Projects	1994	5630	Various	\$ 205,291.00	\$ -	\$ 205,291.00
CSA0000398	Closed Completed Projects	1989	5630	Various	\$ 1,963,475.00	\$ -	\$ 1,963,475.00
CSA0000403	Closed NEWFIELD AVE, HTFD		5630	Hartford	\$ 10,000.00	\$ -	\$ 10,000.00
CSA0000408	Clsd 2000 Assessable Sewer Program	2000	5630	Various	\$ 1,800,000.00	\$ -	\$ 1,800,000.00
CSA0000411	Clsd2001 ASSESSABLE SEWER PROGRAM	2001	5630	Various	\$ 900,000.00	\$ -	\$ 900,000.00
CSA0000415	Clsd2001-ASP-Kennedy Road, Windsor	2001	5630	Windsor	\$ 50,000.00	\$ -	\$ 50,000.00
CSA0000418	Clsd2001-HIGHGATE LANE & WESTMONT W HART	2001	5630	West Hartford	\$ 603,056.40	\$ 447,706.82	\$ 155,349.58
CSA0000419	Closed2001 Clarkridge Road, Wethersfield	2001	5630	Wethersfield	\$ 220,000.00	\$ 205,934.58	\$ 14,065.42
CSA0000420	Closed 2003 Assessable Sewer Program	2003	5630	Various	\$ 800,000.00	\$ -	\$ 800,000.00
CSA0000428	Clsd 2005 Assessable Sewer Program	2005	5630	Various	\$ 300,000.00	\$ 1,884.50	\$ 298,115.50
CSA0000437	Clsd2007 Assessable Sewer Program	2007	5630	Various	\$ 170,000.00	\$ 136,467.55	\$ 33,532.45
WWA.CSA444.01	Assessable Sewer Program	2007	5630	Various	\$ 2,230,000.00	\$ -	\$ 2,230,000.00
	Subtotal BA 5630				\$ 11,351,822.40	\$ 866,741.65	\$ 10,485,080.75
CSN0000021	Clsd Water Pollution Control No 3 Progm	1977	5654	Hartford	\$ 804,066.21	\$ -	\$ 804,066.21
CSN0000022	Clsd Water Pollution Control No3 Program	1977	5654	Hartford	\$ 151,324.25	\$ -	\$ 151,324.25
CSN0000023	Clsd Water Pollution Control No 3 Program	1977	5654	Hartford	\$ 1,047.50	\$ -	\$ 1,047.50
CSN0000024	Clsd Water Pollution Control No 3 Progm	1977	5654	Hartford	\$ 29,342.99	\$ -	\$ 29,342.99
CSN0000055	Clsd Water Pollution Control No.3 Progm	1977	5654	Hartford	\$ 1,801,955.05	\$ -	\$ 1,801,955.05
CSN0000098	Clsd Water Pollution Control No 3 Progm	1977	5654	Hartford	\$ 15,816,725.18	\$ -	\$ 15,816,725.18
	Subtotal BA 5654				\$ 18,604,461.18	\$ -	\$ 18,604,461.18
CSN0000501	Closed CSO Program Phase 1	1989	5672	Various	\$ 108,112.14	\$ -	\$ 108,112.14
CSN0000502	Clsd Curcombe Street, Htfd.	1989	5672	Hartford	\$ 302,685.24	\$ -	\$ 302,685.24
CSN0000503	Clsd Monitoring & Surveillance Program	1989	5672	Various	\$ 202,400.00	\$ -	\$ 202,400.00
CSN0000504	Closed Financing	1989	5672	Various	\$ 36,549.10	\$ -	\$ 36,549.10
CSN0000505	Clsd Monitoring & Surveillance Equip Pro	1989	5672	Various	\$ 386,855.85	\$ -	\$ 386,855.85
CSN0000999	Closed CSO PROJECT FORMERLY 500	1989	5672	Various	\$ 640,433.11	\$ -	\$ 640,433.11
	Subtotal BA 5672				\$ 1,677,035.44	\$ -	\$ 1,677,035.44
CSN0000548	Clsd Proj. D: Separation Etc., Weth. Ave	1990	5674	Hartford	\$ 1,500.00	\$ -	\$ 1,500.00
CSN0000563	Clsd Roof Leader Disconnect	1990	5674	Hartford	\$ 44,910.00	\$ -	\$ 44,910.00
CSN0000567	Closed Proj. S: Floatable Controls	1990	5674	Hartford	\$ 10,000.00	\$ -	\$ 10,000.00
CSN0000575	Clsd North Branch Of The Park River	1990	5674	Hartford	\$ 65,000.00	\$ -	\$ 65,000.00
CSN0000687	Clsd Collection System Rehab	1990	5674	East Hartford	\$ 265,143.00	\$ -	\$ 265,143.00
	Subtotal BA 5674				\$ 386,553.00	\$ -	\$ 386,553.00
CSN0000750	clsd CT River Cleanup Program Phase	1991	5676	Hartford	\$ 1,958,690.00	\$ 460,826.38	\$ 1,497,863.62
CSN0001067	clsd CSO Phase IIa Planning	1991	5676	Hartford	\$ 1,283,810.00	\$ 1,221,322.92	\$ 62,487.08
	Subtotal BA 5676				\$ 3,242,500.00	\$ 1,682,149.30	\$ 1,560,350.70
CSN0000760	clsd Wtr Pollution Cntrl Facility Improv	1997	5680	Various	\$ 5,000,000.00	\$ 533,447.62	\$ 4,466,552.38
CSN0001051	clsd 2002 WPC LABORATORY FACILITIES PLAN	2002	5680	Hartford	\$ 100,000.00	\$ 41,104.22	\$ 58,895.78
	Subtotal BA 5680				\$ 5,100,000.00	\$ 574,551.84	\$ 4,525,448.16
CSN0000994	CLSD-Incineration Process Improvements	1998	5683	Hartford	\$ 4,475,000.00	\$ 3,772,107.91	\$ 702,892.09
	Subtotal BA 5683				\$ 4,475,000.00	\$ 3,772,107.91	\$ 702,892.09
CSN0000991	clsd Biosolid Material Handling System039	1998	5685	Hartford	\$ 5,000,000.00	\$ 4,645,998.32	\$ 354,001.68
	Subtotal BA 5685				\$ 5,000,000.00	\$ 4,645,998.32	\$ 354,001.68
CSN0000992	clsd WPCF Infrstrctr Improvements/prev40	1998	5686	Hartford	\$ 1,605,754.89	\$ 1,183,758.52	\$ 421,996.37
	Subtotal BA 5686				\$ 1,605,754.89	\$ 1,183,758.52	\$ 421,996.37
CSN0000042	ClsdOverflow Alarm and Gate Repair Prgm	1998	5688	Various	\$ 4,950,000.00	\$ 4,723,634.73	\$ 226,365.27
	Subtotal BA 5688				\$ 4,950,000.00	\$ 4,723,634.73	\$ 226,365.27
CSN0000048	clsd Process Control Systems Design	1999	5693	Hartford	\$ 1,000,000.00	\$ 987,961.47	\$ 12,038.53
	Subtotal BA 5693				\$ 1,000,000.00	\$ 987,961.47	\$ 12,038.53

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CSN0000049	clsd HWPCF Elctrcl System Imprvmnts Pha	1999	5694	Hartford	\$ 5,000,000.00	\$ 3,772,848.32	\$ 1,227,151.68
	Subtotal BA 5694				\$ 5,000,000.00	\$ 3,772,848.32	\$ 1,227,151.68
CSN0000046	clsd Dissolved Air FloaIn Thickening Pro	1999	5695	Hartford	\$ 2,000,000.00	\$ 1,904,574.19	\$ 95,425.81
	Subtotal BA 5695				\$ 2,000,000.00	\$ 1,904,574.19	\$ 95,425.81
CSN0001008	Upper Albany Avenue Sew.Sys.Imp. Phase I	2000	5696	Hartford	\$ 2,225,000.00	\$ 1,590,788.07	\$ 634,211.93
	Subtotal BA 5696				\$ 2,225,000.00	\$ 1,590,788.07	\$ 634,211.93
CSN0001010	clsd HWPCF Electrical Systm Impr Phase 2	2000	5698	Hartford	\$ 1,500,000.00	\$ 1,139,467.98	\$ 360,532.02
	Subtotal BA 5698				\$ 1,500,000.00	\$ 1,139,467.98	\$ 360,532.02
CSN0001031	2001 Safety and Regulatory Upgrades, RH	2001	5699	Rocky Hill	\$ 1,000,000.00	\$ 675,108.04	\$ 324,891.96
CSN0001062	2003 Rocky Hill Headworks & Primary Hydr	2003	5699	Rocky Hill	\$ 4,640,000.00	\$ 4,189,461.56	\$ 450,538.44
CSN0001071	2004 Rocky Hill WPCF Improvements	2004	5699	Rocky Hill	\$ 750,000.00	\$ -	\$ 750,000.00
	Subtotal BA 5699				\$ 6,390,000.00	\$ 4,864,569.60	\$ 1,525,430.40
CSN0001033	2001 Storm Drainage Improvements, WCA	2001	5701	Hartford	\$ 4,341,000.00	\$ 3,857,304.53	\$ 483,695.47
	Subtotal BA 5701				\$ 4,341,000.00	\$ 3,857,304.53	\$ 483,695.47
CSN0001034	2001 Incineration Modifications for RC	2001	5702	Hartford	\$ 3,750,000.00	\$ 2,268,903.58	\$ 1,481,096.42
	Subtotal BA 5702				\$ 3,750,000.00	\$ 2,268,903.58	\$ 1,481,096.42
CSN0001035	clsd 01 HWPCF Electrical S. Imp Phase 3	2001	5703	Hartford	\$ 1,500,000.00	\$ 752,577.62	\$ 747,422.38
CSN0001074	clsd 04 Elctrcl Distribution Systm Impr	2004	5703	Hartford	\$ 1,560,000.00	\$ 1,364,883.00	\$ 195,117.00
	Subtotal BA 5703				\$ 3,060,000.00	\$ 2,117,460.62	\$ 942,539.38
CSN0001044	2002 TOWER BROOK REMOVAL/SEPARATION,HTFD	2002	5706	Hartford	\$ 10,000,000.00	\$ 7,631,072.43	\$ 2,368,927.57
	Subtotal BA 5706				\$ 10,000,000.00	\$ 7,631,072.43	\$ 2,368,927.57
CSN0001045	2002 PRIVATE PROPERTY INFLOW REDIRECTION	2002	5707	Various	\$ 300,000.00	\$ 10,523.61	\$ 289,476.39
CSN0001046	Clisd02 BACKWATER VALVE INSTALLATION Pgr	2002	5707	Various	\$ 300,000.00	\$ 295,209.58	\$ 4,790.42
CSN0001047	2002 RAINLEADER DISCONNECTION PROGRAM	2002	5707	Various	\$ 5,000,000.00	\$ -	\$ 5,000,000.00
CSN0001061	2003 Wethersfield Cove CSO Abatements	2003	5707	Wethersfield	\$ 5,000,000.00	\$ 1,700.00	\$ 4,998,300.00
	Subtotal BA 5707				\$ 10,600,000.00	\$ 307,433.19	\$ 10,292,566.81
CSN0001050	2002 UPPER ALBANY AREA CSO-PHASE II DESIGN	2002	5709	Hartford	\$ 250,000.00	\$ 500.00	\$ 249,500.00
CSN0001063	2003 UPPER ALBANY AREA CSO-Burton Street	2003	5709	Hartford	\$ 5,000,000.00	\$ 4,932,557.67	\$ 67,442.33
	Subtotal BA 5709				\$ 5,250,000.00	\$ 4,933,057.67	\$ 316,942.33
CSN0001064	clsd03 HWPCF Chlorine Toxicity Elimntion	2003	5713	Hartford	\$ 165,000.00	\$ 51,957.45	\$ 113,042.55
CSN0001069	clsd04 HWPCFChlorne Toxicity Elimination	2004	5713	Hartford	\$ 400,000.00	\$ -	\$ 400,000.00
	Subtotal BA 5713				\$ 565,000.00	\$ 51,957.45	\$ 513,042.55
CSN0001072	2004 WPCF Infrastructure Improvements	2004	5714	Various	\$ 1,100,000.00	\$ 1,041,777.02	\$ 58,222.98
	Subtotal BA 5714				\$ 1,100,000.00	\$ 1,041,777.02	\$ 58,222.98
CSN0001073	clsd04 Bio-Solids Conveying System	2004	5715	Hartford	\$ 650,000.00	\$ 597,039.85	\$ 52,960.15
	Subtotal BA 5715				\$ 650,000.00	\$ 597,039.85	\$ 52,960.15
CSN0001089	Upper Albany Avenue Rainleader Reloca	2005	5717	Hartford	\$ 4,500,000.00	\$ -	\$ 4,500,000.00
	Subtotal BA 5717				\$ 4,500,000.00	\$ -	\$ 4,500,000.00
CSN0001090	Combined Sewer Separation	2005	5718	Various	\$ 610,800.00	\$ -	\$ 610,800.00
CSN0001096	Farmington Ave Sewer Storm Separation	2005	5718	Hartford	\$ 1,550,000.00	\$ 1,088,050.14	\$ 461,949.86
CSN0001097	Tremont Street Sewer Separation	2005	5718	Hartford	\$ 939,200.00	\$ 867,002.47	\$ 72,197.53
	Subtotal BA 5718				\$ 3,100,000.00	\$ 1,955,052.61	\$ 1,144,947.39
CSN0001091	Combined Sewer LTCP (DEP Appl. 82-1)	2005	5719	Various	\$ 3,500,000.00	\$ 3,435,443.25	\$ 64,556.75
	Subtotal BA 5719				\$ 3,500,000.00	\$ 3,435,443.25	\$ 64,556.75
CSN0001098	SSO Elimination Short Term Action Plan	2005	5720	Various	\$ 43,846.36	\$ 43,846.36	\$ -
CSN0001099	SSO Elimination Sewer Evaluation	2005	5720	Various	\$ 684,381.86	\$ 684,381.86	\$ -
	Subtotal BA 5720				\$ 728,228.22	\$ 728,228.22	\$ -

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CSN0001093	Sludge Processing Building Odor Contr	2005	5721	Hartford	\$ 1,700,000.00	\$ 539,029.80	\$ 1,160,970.20
	Subtotal BA 5721				\$ 1,700,000.00	\$ 539,029.80	\$ 1,160,970.20
CSN0001094	Clsd Rocky Hill Facility Upgrade Phase I	2005	5722	Rocky Hill	\$ 500,000.00	\$ -	\$ 500,000.00
	Subtotal BA 5722				\$ 500,000.00	\$ -	\$ 500,000.00
CSN0001102	2006-Wastewater Treatment Facilities	2006	5724	Various	\$ 2,200,000.00	\$ 1,317,836.46	\$ 882,163.54
	Subtotal BA 5724				\$ 2,200,000.00	\$ 1,317,836.46	\$ 882,163.54
CSN0001103	2006-WTF Incinerator Upgrade	2006	5725	Various	\$ 5,000,000.00	\$ 165,326.96	\$ 4,834,673.04
	Subtotal BA 5725				\$ 5,000,000.00	\$ 165,326.96	\$ 4,834,673.04
CSN0001110	2006 Energy Recovery Program	2006	5731	Various	\$ 5,000,000.00	\$ -	\$ 5,000,000.00
	Subtotal BA 5731				\$ 5,000,000.00	\$ -	\$ 5,000,000.00
WWA.CS1141.01	Wastewater Trt Fac Primary Tank Imps	2007	5734	Various	\$ 3,200,000.00	\$ -	\$ 3,200,000.00
	Subtotal BA 5734				\$ 3,200,000.00	\$ -	\$ 3,200,000.00
CSN0001114	2007 Sewer Inspection/CMOM	2007	5735	Various	\$ 2,050,000.00	\$ 2,014,036.31	\$ 35,963.69
CSN0001125	Clsd 2008 CMOM Equipment & Staffing	2008	5735	Various	\$ 100,000.00	\$ 100,000.00	\$ -
WWA.CS1149.01	2010 CMOM Compliance - Staffing	2010	5735	Various	\$ 2,000,000.00	\$ 1,204,741.90	\$ 795,258.10
	Subtotal BA 5735				\$ 4,150,000.00	\$ 3,318,778.21	\$ 831,221.79
CSN0001115	Clsd07 Asset Management Wastewater Admin	2007	5736	Various	\$ 100,000.00	\$ 100,000.00	\$ -
WWA.CS1124.01	Clsd08 Asset Management Wastewater Admin	2008	5736	Various	\$ 400,000.00	\$ 136,806.77	\$ 263,193.23
	Subtotal BA 5736				\$ 500,000.00	\$ 236,806.77	\$ 263,193.23
WWA.CS1138.01	Fats, Oils & Grease WPC Rec. Station	2008	5739	Hartford	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
	Subtotal BA 5739				\$ 1,000,000.00	\$ -	\$ 1,000,000.00
WWA.CS1177.01	2012 Sewer Replacement Ridgebrook Dr WH	2012	5803	Various	\$ 1,035,000.00	\$ -	\$ 1,035,000.00
	Subtotal BA 5803				\$ 1,035,000.00	\$ -	\$ 1,035,000.00
	Total Sewer Program				\$ 163,827,253.28	\$ 71,717,899.93	\$ 92,109,353.35

After reviewing the information contained herein

It is therefore recommended that it be:

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

Respectfully submitted,

John S. Mirtle, Esq.
District Clerk

On motion made by Commissioner Caban and duly seconded, the resolution was adopted, by unanimous vote of those present.

2015 Capital Improvement Program

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BOARD OF FINANCE COMBINED CAPITAL PROJECT PROGRAMS

From: Board of Finance

To: District Board

May 12, 2014

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.

Project Number	Project Name	YEAR	BA	Town	Budget	Expended Amount	Remaining Balance
COM.CFP148.01	Communications Systems Planning	2008	5651	Various	\$ 250,000.00	\$ -	\$ 250,000.00
	Subtotal BA 5651				\$ 250,000.00	\$ -	\$ 250,000.00
CFP0000003	Closed-Systems Infrastructure	1995	5677	Various	\$ 1,800,535.17	\$ 1,800,535.17	\$ -
CFP0000004	Closed-Systems Development	1995	5677	Various	\$ 290,000.00	\$ 290,000.00	\$ -
CFP0000005	Closed-Financing	1995	5677	Various	\$ 96,815.00	\$ 96,815.00	\$ -
CFP0000006	Closed-Systems Development	1996	5677	Various	\$ 1,650,000.00	\$ 1,650,000.00	\$ -
CFP0000007	Closed-Financing	1996	5677	Various	\$ 120,000.00	\$ 84,382.00	\$ 35,618.00
CFP0000008	Closed-Systems Development	1997	5677	Various	\$ 3,431,838.00	\$ 1,941,648.39	\$ 1,490,189.61
CFP0000009	Closed-Financing	1997	5677	Various	\$ 148,162.00	\$ 148,162.00	\$ -
CFP0000010	Closed-Systems Development	1998	5677	Various	\$ 1,800,000.00	\$ 1,642,239.78	\$ 157,760.22
CFP0000011	Closed-Financing	1998	5677	Various	\$ 200,000.00	\$ 200,000.00	\$ -
CFP0000041	Closed-Information Systems Development	1999	5677	Various	\$ 4,500,000.00	\$ 4,430,833.49	\$ 69,166.51
CFP0000107	Closed-2000-Information Systems Develop	2000	5677	Various	\$ 1,018,615.56	\$ 1,015,686.13	\$ 2,929.43
CFP0000108	Closed-2001-Information Systems Develop	2001	5677	Various	\$ 500,000.00	\$ 496,352.38	\$ 3,647.62
CFP0000109	Closed-IS PLAN-SUPPORT-2001 CIP	2001	5677	Various	\$ 500,000.00	\$ 499,863.27	\$ 136.73
CFP0000110	Closed-IS MICROSOFT IMPL-2001 CIP	2001	5677	Various	\$ 350,000.00	\$ 349,999.26	\$ 0.74
CFP0000111	Closed-2002 INFORMATION SYSTEMS DEVELOP	2002	5677	Various	\$ 3,000,000.00	\$ 2,999,477.61	\$ 522.39
CFP0000130	2006 Information System Improvements	2006	5677	Various	\$ 1,800,000.00	\$ 1,797,894.49	\$ 2,105.51
	Subtotal BA 5712				\$ 21,205,965.73	\$ 19,443,888.97	\$ 1,762,076.76
CFP0000113	CLOSED-2002 CONSTRUCTION INSPECTION AUTO	2002	5712	Various	\$ 300,000.00	\$ 299,449.37	\$ 550.63
	Subtotal BA 5712				\$ 300,000.00	\$ 299,449.37	\$ 550.63
CFP0000118	2006-Long-Term Strategic Initiatives	2006	5728	Various	\$ 1,100,000.00	\$ 1,100,000.00	\$ -
	Subtotal BA 5728				\$ 1,100,000.00	\$ 1,100,000.00	\$ -
COM.CFP156.01	2010 Interest & Debt Issuance Costs	2010	5801	Various	\$ 2,800,000.00		\$ 2,800,000.00
COM.CFP164.01	2011 Short Term Interest & Debt Costs	2011	5801	Various	\$ 1,800,000.00	\$ -	\$ 1,800,000.00
	Subtotal BA 5801				\$ 4,600,000.00	\$ -	\$ 4,600,000.00
	Total Combined Program				\$ 27,455,965.73	\$ 20,843,338.34	\$ 6,612,627.39

2015 Capital Improvement Program

Supplemental

After reviewing the information contained herein

It is therefore recommended that it be:

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

Respectfully submitted,

John S. Mirtle, Esq.
District Clerk

*On motion made by Commissioner Caban and duly
seconded, the resolution was adopted, by unanimous
vote of those present.*