

# 2022 Adopted Annual Budget



**The Metropolitan District**  
Hartford, CT



The Metropolitan District  
water supply • environmental services • geographic information

February 17, 2022

District Board of The Metropolitan District  
Board of Finance of The Metropolitan District  
555 Main Street  
Hartford, Connecticut 06103

Honorable Commissioners and Citizen Members:

The attached 2022 Adopted Budget for The Metropolitan District (“MDC”) reflects the collaborative efforts of the MDC and its stakeholders. This budget supports the essential services and infrastructure the MDC provides its ratepayers and member municipalities in accordance with its comprehensive asset management program. The MDC has adopted its 2022 combined operating budgets in the amount of \$209.0 million, comprised of \$100.2 million for its sewer operations and \$108.8 million for its water operations.

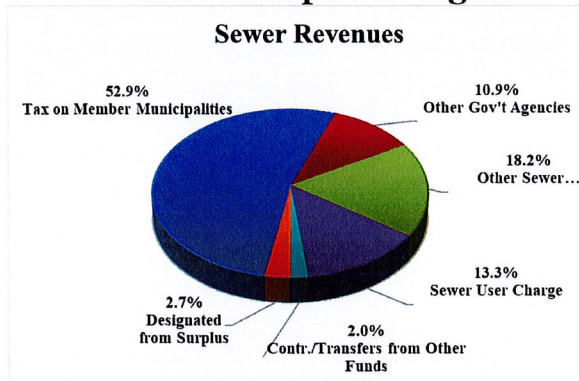
On March 12, 2020, Governor Lamont declared a state of emergency throughout the State of Connecticut as a result of the COVID-19 pandemic. The MDC, as an essential service provider, suspended service shut-offs after March of 2020 and in all of 2021. The MDC took this action in consideration of the financial uncertainty facing some of its customers during this time.

The MDC has also taken steps to mitigate increases to its 2022 Adopted Budget; a few highlights include the use of \$2.7 million of the General Fund fund balance in conformance with MDC’s fund balance policy, reducing its operations’ headcount by 10 budgeted positions and refunding debt to take advantage of historically low interest rates. These actions resulted in a 3.1% increase in the Ad Valorem budget and a 2.6% increase in the typical customer’s water bill--just a 1% increase in the actual water consumption rate.

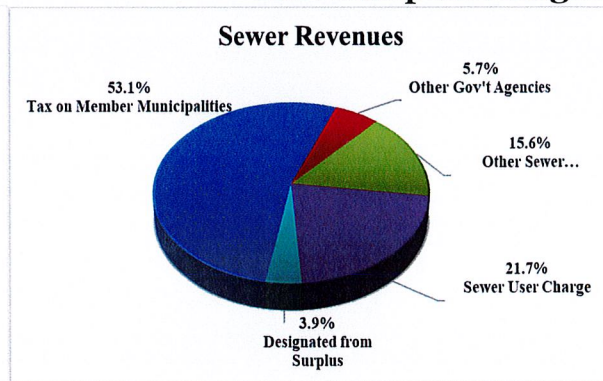
### **Sewer Operations**

The \$100.2 million 2022 sewer budget is increasing by \$3.2 million, or 3.3%, from the prior year. The increase in sewer expense is primarily a result of increases in fuel (\$1.5 million), utilities (\$1.0 million), employee benefits (\$0.7 million), and chemicals used in water pollution control (\$0.5 million) offset by a net decrease of (\$0.5 million) in other miscellaneous expenditures.

## Sewer Revenues 2022 Adopted Budget



## Sewer Revenues 2021 Adopted Budget



In order to support the adopted sewer expenses of \$100.2 million, the MDC has set the following revenue rates and assumptions for Fiscal 2022:

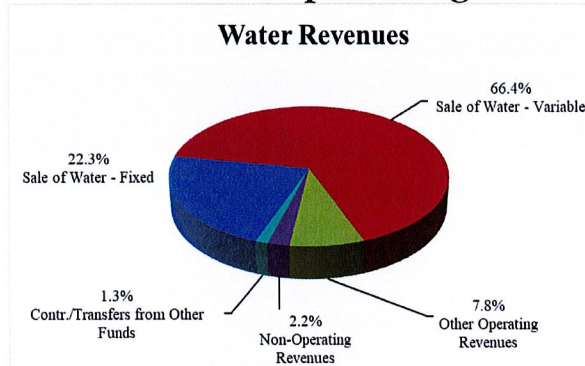
- Ad Valorem Tax to Member Municipalities in the amount of \$53.1 million, a 3.1% increase from the Ad Valorem Tax adopted in 2021.
- Sewer User Charge in the amount of \$5.90 per 100 cubic feet (ccf), an increase of \$0.59 per ccf, or 11.1% over the 2021 rate.
- Assumes a \$9.00 per month Sewer Customer Service Charge.
- Revenues associated with administrative overhead activities on behalf of the MDC Clean Water Project in the amount of \$5.3 million, a decrease of \$1.0 million, or 15.9% from the 2021 Adopted level.
- Revenues designated from surplus in the amount of \$2.7 million.
- A DEEP Contingency of \$1.98 million.

In calculating the annual sewer tax, as mandated in the MDC's charter, the impact of the tax on individual member municipalities for sewage treatment may vary. To determine the annual tax for each town, the total sewer tax is divided among the Member Municipalities in proportion to the total revenue received from direct taxation in each town, as averaged over the previous three years. Relatively speaking, a town experiencing an increase in tax receipts compared to the other member towns will assume a larger portion of the MDC's total sewer tax.

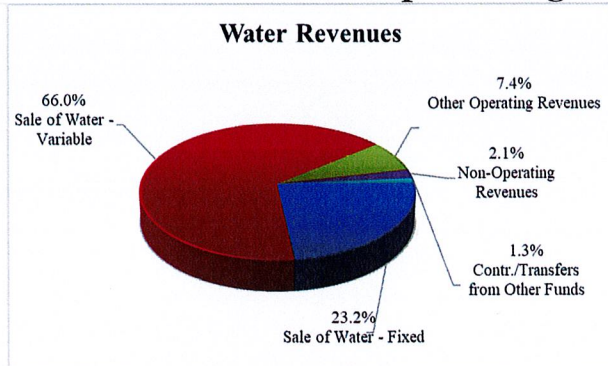
### **Water Utility Operations**

The \$108.8 million 2022 water utility budget is increasing by \$0.3 million, or 0.3%, over the prior year. The increase in water utility expense is primarily a result in increases in employee benefits (\$0.8 million), operations expense (\$0.6 million), information technology (\$0.3 million), maintenance (\$0.2 million) offset by decreases in debt service (\$1.2 million) and special agreements and programs (\$0.4 million).

## Water Revenues 2022 Adopted Budget



## Water Revenues 2021 Adopted Budget



In order to support the adopted water utility expenses of \$108.8 million, the MDC has set the following revenue rates/assumptions for Fiscal 2022:

- Base water rate of \$4.09 per 100 cubic feet (ccf) is an increase of \$0.04 or 1% from the 2021 rate of \$4.05.
- The water consumption of 17.7 million ccf is unchanged from the 2021 assumption. By implementing the automated meter reading program throughout the District, the MDC is able to readily gather and analyze existing consumption activity. With this insight into customer usage, the MDC is better able to understand the impact of conservation efforts and its implications for aggregate water consumption.
- The Customer Service Charge and the General Surcharge Outside District are based upon demand capacity and cover a portion of the fixed operating and maintenance costs associated with water operations. The rates are unchanged from the 2021 adopted levels.
- Contributions (to) from Other Funds in the amount of \$1.4 million.

Effective on and after January 1, 2022, the base water rate will increase to \$4.09 per 100 cubic feet, and the Clean Water Project Charge will remain at \$4.10 per 100 cubic feet.

After factoring in the 2022 rate changes, MDC customers will continue to be among the most competitive water rates in the Connecticut market.

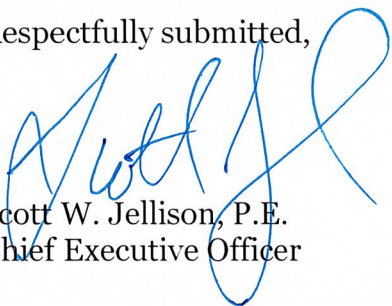
### **Fiscal Responsibility and Financial Management**

The MDC continually evaluates its operating policies and procedures as well as how the MDC interacts with its customers and key stakeholders. The 2022 Adopted Budget reaffirms the MDC's commitment to cost containment and proactively monitors and evaluates the business and statutory environment.

The MDC's 2022 Capital Improvement Program totals \$94.6 million, funded primarily through bond proceeds, continues to support comprehensive asset management programs for wastewater, water, and combined programs.

The MDC continues to undertake initiatives to analyze and develop cost effective strategies with respect to controlling all of its operating and capital costs. As always, the MDC remains fully committed to providing its customers with safe, pure drinking water, environmentally protective wastewater collection and treatment and other services that measurably benefit its customers.

Respectfully submitted,



Scott W. Jellison, P.E.  
Chief Executive Officer

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# Budget Summary

## Revenue & Expenditure Summary

The Adopted District's budget for 2022 totals \$209,048,975, a \$3,533,075 or 1.7% increase from the appropriation level adopted in support of 2021 operations and programs. The following table summarizes the adopted 2022 operating revenues and expenditures for the District's Water and Sewer operations.

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b>Water Revenues</b>				
Sale of Water	\$97,072,579	\$96,801,400	\$95,136,557	\$96,552,254
Other Operating Revenue	6,732,129	8,019,100	8,350,089	8,494,100
Subtotal Operating Revenue	103,804,708	104,820,500	103,486,646	105,046,354
Non-Operating Revenues	2,282,592	2,331,200	3,780,558	2,401,119
Contribution from (to) Working Funds	-	1,400,000	-	1,400,000
Subtotal Non-Operating Revenue	2,282,592	3,731,200	3,780,558	3,801,119
<b>Total Water Revenue</b>	<b>106,087,300</b>	<b>108,551,700</b>	<b>107,267,204</b>	<b>108,847,473</b>
<b>Sewer Revenues</b>				
Tax on Member Municipalities	\$51,475,700	\$51,475,700	\$51,475,700	\$53,076,600
Revenue for Other Gov't Agencies	10,784,429	11,466,400	11,070,994	10,931,000
Other Sewer Revenues	18,317,780	16,848,200	16,426,096	18,212,000
Sewer User Charge Revenues	11,274,896	13,373,900	11,329,083	13,301,902
Subtotal Operating Revenue	91,852,805	93,164,200	90,301,873	95,521,502
DEEP Contingency	-	-	-	1,980,000
Surplus Designated from Prior Yr.	-	3,800,000	-	2,700,000
Subtotal Non-Operating Revenue	-	3,800,000	-	4,680,000
<b>Total Sewer Revenues</b>	<b>91,852,805</b>	<b>96,964,200</b>	<b>90,301,873</b>	<b>100,201,502</b>
<b>Total Water and Sewer Revenues</b>	<b>\$197,940,105</b>	<b>\$205,515,900</b>	<b>\$197,569,077</b>	<b>\$209,048,975</b>
<b>Expenditures</b>				
District Board	\$333,424	\$415,500	\$348,714	\$525,500
Executive Office	2,522,808	2,983,600	2,438,390	3,073,067
Legal	1,329,096	1,519,100	1,216,657	1,475,670
Finance	6,507,020	7,209,700	6,571,084	7,018,565
Information Technology	7,682,250	8,363,600	8,123,192	8,874,980
Engineering and Planning	1,020,071	1,115,300	908,077	1,093,132
Water Treatment & Supply	7,595,321	8,087,800	7,000,555	8,101,154
Water Pollution Control	15,538,428	17,456,700	16,341,011	20,573,002
Laboratory Services	1,530,049	1,563,900	1,408,957	1,579,554
Maintenance	10,207,879	12,177,200	10,022,212	12,485,281
Operating Office	691,540	735,400	732,120	765,354
Environment, Health & Safety	780,595	957,900	814,446	980,718
Command Center	3,966,935	4,449,000	4,037,375	4,419,995
Operations	9,798,734	12,275,100	11,515,066	13,074,234
Patrol	1,066,610	1,519,200	1,311,532	1,470,957
Debt Service	65,335,507	71,204,300	68,273,445	69,016,800
Employee Benefits	31,034,229	35,676,700	35,297,020	37,216,674
General Insurance	5,827,225	6,119,700	6,042,313	6,230,238
Taxes and Fees	3,595,994	3,810,500	3,514,420	3,810,500
Special Agr. and Programs	3,028,723	5,895,700	3,507,708	5,283,600
Contingencies	-	1,980,000	-	1,980,000
<b>Total Water and Sewer Budget</b>	<b>\$179,392,438</b>	<b>\$205,515,900</b>	<b>\$189,424,294</b>	<b>\$209,048,975</b>

# Budget Summary

## Revenue & Expenditure Summary

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

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>REVENUES</u></b>				
Tax on Member Municipalities	\$51,475,700	\$51,475,700	\$51,475,700	\$53,076,600
Revenue for Other Gov't Agencies	10,784,429	11,466,400	11,070,994	10,931,000
Other Sewer Revenues	18,317,780	16,848,200	16,426,096	18,212,000
Sewer User Charge Revenues	11,274,896	13,373,900	11,329,083	13,301,902
Subtotal	91,852,805	93,164,200	90,301,873	95,521,502
DEEP Contingency	-	-	-	1,980,000
Surplus Designated from Prior Yr.	-	3,800,000	-	2,700,000
Subtotal	\$0	\$3,800,000	\$0	\$4,680,000
Total Revenue	\$91,852,805	\$96,964,200	\$90,301,873	\$100,201,502
<b><u>EXPENDITURES</u></b>				
District Board	\$163,400	\$203,600	\$170,900	\$257,500
Executive Office	1,236,200	1,462,000	1,158,490	1,505,900
Legal	651,300	744,400	592,957	723,100
Finance	3,188,500	3,532,700	3,071,224	3,439,200
Information Technology	2,535,100	2,760,000	2,493,197	2,928,700
Engineering and Planning	499,800	546,500	446,792	535,600
Water Pollution Control	15,538,428	17,456,700	16,341,011	20,573,002
Laboratory Services	734,500	750,700	636,820	758,200
Maintenance	5,001,800	5,966,800	4,445,982	6,117,900
Operating Office	338,900	360,300	358,700	375,000
Environment, Health & Safety	382,500	469,400	352,629	480,600
Command Center	1,348,800	1,512,700	1,305,554	1,502,800
Operations	2,449,600	3,068,800	2,699,217	3,268,600
Debt Service	32,039,166	36,090,300	36,090,300	35,117,500
Employee Benefits	13,965,400	16,054,500	15,883,700	16,747,500
General Insurance	2,330,900	2,447,900	2,416,900	2,492,100
Special Agr. and Programs	1,394,369	1,556,900	1,301,848	1,398,300
Contingencies	-	1,980,000	-	1,980,000
Total Expenses	\$83,798,663	\$96,964,200	\$89,766,221	\$100,201,502

# Budget Summary

## Revenue & Expenditure Summary

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

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>REVENUES</u></b>				
Sale of Water	\$97,072,579	\$96,801,400	\$95,136,557	\$96,552,254
Other Operating Revenues	6,732,129	8,019,100	8,350,089	8,494,100
Subtotal	\$103,804,708	\$104,820,500	\$103,486,646	\$105,046,354
Non-Operating Revenues	2,282,592	2,331,200	3,780,558	2,401,119
Contr. From (to) Working Fund	-	1,400,000	-	1,400,000
Total Revenue	\$106,087,300	\$108,551,700	\$107,267,204	\$108,847,473
<b><u>EXPENDITURES</u></b>				
District Board	\$170,024	\$211,900	\$177,814	\$268,000
Executive Office	1,286,608	1,521,600	1,279,900	1,567,167
Legal	677,796	774,700	623,700	752,570
Finance	3,318,520	3,677,000	3,499,860	3,579,365
Information Technology	5,147,150	5,603,600	5,629,995	5,946,280
Engineering and Planning	520,271	568,800	461,285	557,532
Water Treatment & Supply	7,595,321	8,087,800	7,000,555	8,101,154
Laboratory Services	795,549	813,200	772,137	821,354
Maintenance	5,206,079	6,210,400	5,576,230	6,367,381
Operating Office	352,640	375,100	373,420	390,354
Environment, Health & Safety	398,095	488,500	461,817	500,118
Command Center	2,618,135	2,936,300	2,731,821	2,917,195
Operations	7,349,134	9,206,300	8,815,849	9,805,634
Patrol	1,066,610	1,519,200	1,311,532	1,470,957
Debt Service	33,296,341	35,114,000	32,183,145	33,899,300
Employee Benefits	17,068,829	19,622,200	19,413,320	20,469,174
General Insurance	3,496,325	3,671,800	3,625,413	3,738,138
Taxes and Fees	3,595,994	3,810,500	3,514,420	3,810,500
Special Agr. and Programs	1,634,354	4,338,800	2,205,860	3,885,300
Total Expenses	\$95,593,775	\$108,551,700	\$99,658,073	\$108,847,473

# Budget Summary

## Revenues: Changes by Source

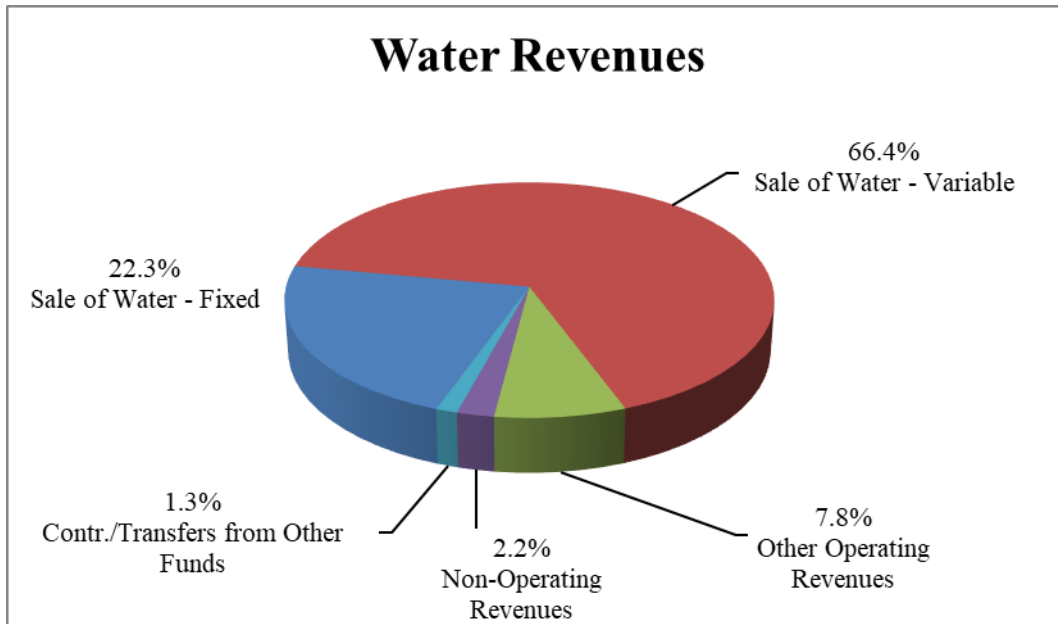
Adopted water and sewer revenues for 2022 total \$209,048,975, an increase of \$3,533,075 or 1.7% from the adopted 2021 level. The sewer revenues have increased by \$3,237,302, and the water revenues increased by \$295,773.

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>WATER REVENUES</u></b>				
Sale of Water	\$97,072,579	\$96,801,400	\$95,136,557	\$96,552,254
Other Operating Revenues	6,732,129	8,019,100	8,350,089	8,494,100
<b>Total Operating Revenues</b>	<b>103,804,708</b>	<b>104,820,500</b>	<b>103,486,646</b>	<b>105,046,354</b>
Non-Operating Revenues	2,282,592	2,331,200	3,780,558	2,401,119
Contributions (to) from Working Funds	-	1,400,000	-	1,400,000
<b>Total Other Revenues</b>	<b>2,282,592</b>	<b>3,731,200</b>	<b>3,780,558</b>	<b>3,801,119</b>
<b>Total Water Revenues</b>	<b>\$106,087,300</b>	<b>\$108,551,700</b>	<b>\$107,267,204</b>	<b>\$108,847,473</b>
<b><u>SEWER REVENUES</u></b>				
Tax on Member Municipalities	\$51,475,700	\$51,475,700	\$51,475,700	\$53,076,600
Revenue from Other Govt. Agencies	10,784,429	11,466,400	11,070,994	10,931,000
Other Sewer Revenues	18,317,780	16,848,200	16,426,096	18,212,000
Sewer User Charge Revenues	11,274,896	13,373,900	11,329,083	13,301,902
<b>Total Operating Revenues</b>	<b>91,852,805</b>	<b>93,164,200</b>	<b>90,301,873</b>	<b>95,521,502</b>
DEEP Contingency	-	-	-	1,980,000
Designated from Surplus	-	3,800,000	-	2,700,000
<b>Total Other Revenues</b>	<b>-</b>	<b>3,800,000</b>	<b>-</b>	<b>4,680,000</b>
<b>Total Sewer Revenues</b>	<b>\$91,852,805</b>	<b>\$96,964,200</b>	<b>\$90,301,873</b>	<b>\$100,201,502</b>
<b>Total Water and Sewer Revenues</b>	<b>\$197,940,105</b>	<b>\$205,515,900</b>	<b>\$197,569,077</b>	<b>\$209,048,975</b>

# Budget Summary

## Revenues: Changes by Source

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



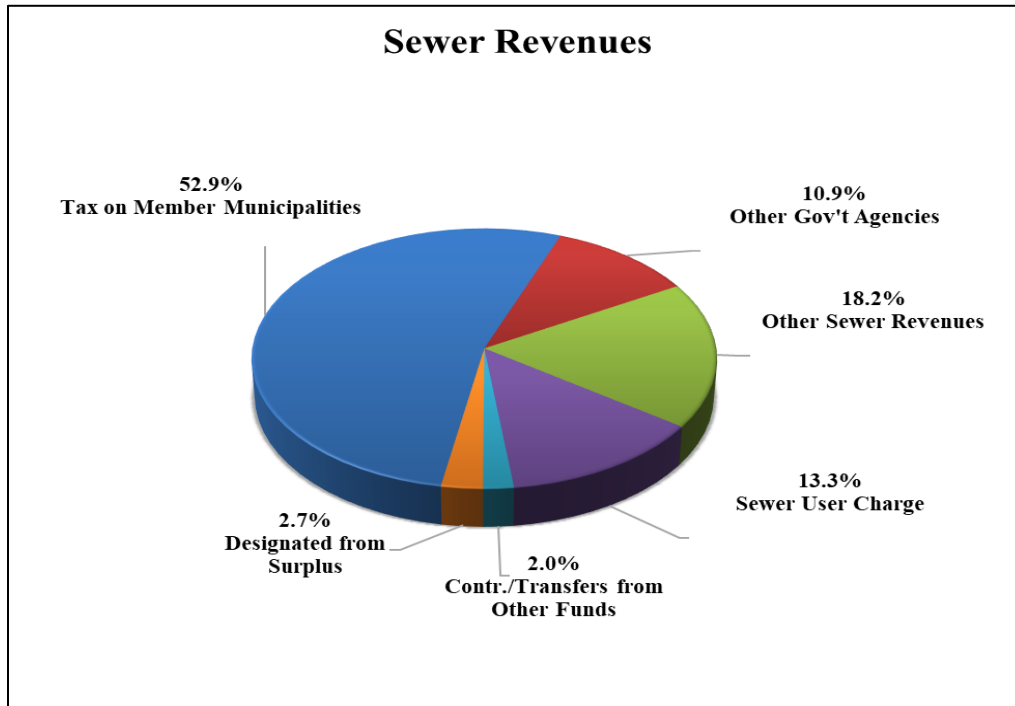
### Water: \$295,773

- **Sale of Water:** An overall decrease of \$249,146 is primarily driven by a change in the distribution of meter sizes in customer service charge, offset by the change in estimated CCF usage in each billing category.
- **Other Operating Revenues:** The increase of \$475,000 is due to increased Hydrant Maintenance, Fire Protection Services, and Water Billing Penalties.
- **Non-Operating Revenues:** A net increase of \$69,919 results from the realignment and reduction of various revenue sources, Recreational Sales and Forestry Sales, DPH Fee (primacy fee), Main Pipe Assessments, Contributed Capital; offset by an increase in Department of Transportation.
- **Contributions (to) from Working Funds:** A contribution of \$1,400,000 is unchanged from the prior year.

# Budget Summary

## Revenues: Changes by Source

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



### Sewer: \$3,237,302

- **Tax on Member Municipalities:** Assumes a \$1,600,900 or 3.1% increase to the tax levy on the District's member municipalities. Each member municipality pays a proportionate share of the tax based on the total revenue from property taxation, as averaged over the prior three years.
- **Other Government Agencies:** Revenues will decrease slightly, a net \$535,400 or 4.7%, resulting from the reduced activity for Sludge Services.
- **Other Sewer Revenues:** An overall increase of \$1,363,800 is primarily driven by an increase in the Sewer Customer Service Charge, offset by a \$1M decrease in the PM Unit Overhead.
- **Sewer User Charges:** The sewer user rate will increase from \$5.31 per CCF to \$5.90 per CCF.
- **Designated from Surplus:** An increase of \$880,000, is anticipated for 2022.



# Budget Summary

## Revenues: Changes by Source

Tax History by Town	2018	2019	2020	2021	2022
Hartford	\$11,550,400	\$12,372,000	\$13,035,400	\$13,169,100	\$14,067,500
East Hartford	\$5,486,600	\$5,775,200	\$6,089,300	\$6,015,200	\$6,264,400
Newington	\$4,120,900	\$4,318,900	\$4,623,100	\$4,681,000	\$4,799,100
Wethersfield	\$3,707,800	\$3,979,400	\$4,240,800	\$4,214,100	\$4,252,500
Windsor	\$4,001,500	\$4,274,900	\$4,611,600	\$4,551,500	\$4,698,600
Bloomfield	\$3,256,200	\$3,488,600	\$3,879,300	\$3,808,100	\$3,868,400
Rocky Hill	\$2,712,500	\$2,909,600	\$3,144,100	\$3,171,200	\$3,206,800
West Hartford	\$10,168,100	\$11,034,500	\$11,852,100	\$11,865,500	\$11,919,300
<b>Total</b>	<b>\$45,004,000</b>	<b>\$48,153,100</b>	<b>\$51,475,700</b>	<b>\$51,475,700</b>	<b>\$53,076,600</b>

Tax % (3yr avg.)	2018	2019	2020	2021	2022
Hartford	25.67%	25.69%	25.32%	25.58%	26.50%
East Hartford	12.19%	11.99%	11.83%	11.69%	11.80%
Newington	9.16%	8.97%	8.98%	9.09%	9.04%
Wethersfield	8.24%	8.26%	8.24%	8.19%	8.01%
Windsor	8.89%	8.88%	8.96%	8.84%	8.85%
Bloomfield	7.24%	7.24%	7.54%	7.40%	7.29%
Rocky Hill	6.03%	6.04%	6.11%	6.16%	6.04%
West Hartford	22.58%	22.93%	23.02%	23.05%	22.47%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Installment Date	1/19/2022	4/20/2022	7/20/2022	10/19/2022	Total
Hartford	\$3,292,275	\$3,292,275	\$3,741,475	\$3,741,475	\$14,067,500
East Hartford	\$1,503,800	\$1,503,800	\$1,628,400	\$1,628,400	\$6,264,400
Newington	\$1,170,250	\$1,170,250	\$1,229,300	\$1,229,300	\$4,799,100
Wethersfield	\$1,053,525	\$1,053,525	\$1,072,725	\$1,072,725	\$4,252,500
Windsor	\$1,137,875	\$1,137,875	\$1,211,425	\$1,211,425	\$4,698,600
Bloomfield	\$952,025	\$952,025	\$982,175	\$982,175	\$3,868,400
Rocky Hill	\$792,800	\$792,800	\$810,600	\$810,600	\$3,206,800
West Hartford	\$2,966,375	\$2,966,375	\$2,993,275	\$2,993,275	\$11,919,300
<b>Total</b>	<b>\$12,868,925</b>	<b>\$12,868,925</b>	<b>\$13,669,375</b>	<b>\$13,669,375</b>	<b>\$53,076,600</b>

# Budget Summary

## Expenditures: Changes by Department

The District's adopted expenditure budget for 2022 totals \$209,048,975; a \$3,533,075 or 1.7% increase from the appropriation level adopted in support of 2021 operations and programs. The following table summarizes the changes by department.

	2020 Actuals	2021 Adopted	2022 Adopted	Change
District Board	333,424	415,500	525,500	110,000
Executive Office	2,522,808	2,983,600	3,073,067	89,467
Legal	1,329,096	1,519,100	1,475,670	(43,430)
Finance	6,507,020	7,209,700	7,018,565	(191,135)
Information Technology	7,682,250	8,363,600	8,874,980	511,380
Engineering and Planning	1,020,071	1,115,300	1,093,132	(22,168)
Water Treatment & Supply	7,595,321	8,087,800	8,101,154	13,354
Water Pollution Control	15,538,428	17,456,700	20,573,002	3,116,302
Laboratory Services	1,530,049	1,563,900	1,579,554	15,654
Maintenance	10,207,879	12,177,200	12,485,281	308,081
Operating Office	691,540	735,400	765,354	29,954
Environment, Health & Safety	780,595	957,900	980,718	22,818
Command Center	3,966,935	4,449,000	4,419,995	(29,005)
Operations	9,798,734	12,275,100	13,074,234	799,134
Patrol	1,066,610	1,519,200	1,470,957	(48,243)
Debt Service	65,335,507	71,204,300	69,016,800	(2,187,500)
Employee Benefits	31,034,229	35,676,700	37,216,674	1,539,974
General Insurance	5,827,225	6,119,700	6,230,238	110,538
Taxes and Fees	3,595,994	3,810,500	3,810,500	-
Special Agr. and Programs	3,028,723	5,895,700	5,283,600	(612,100)
Contingencies	-	1,980,000	1,980,000	-
<b>Total Water and Sewer Budget</b>	<b>\$179,392,438</b>	<b>\$205,515,900</b>	<b>\$209,048,975</b>	<b>\$3,533,075</b>

# Budget Summary

## Expenditures: Changes by Major Object

The table below shows the expenditures budget by Major Object.

Major Object	2020 Actuals	2021 Adopted	2022 Adopted	\$ Change
<b>Payroll</b>				
Regular Pay	\$37,399,920	\$40,247,800	\$40,104,109	(\$143,691)
Overtime Pay	3,505,605	4,111,600	4,096,000	(15,600)
Temporary Help	143,002	556,800	295,000	(261,800)
Standby & Premium Pay	387,403	315,200	335,400	20,200
Longevity Pay	62,864	70,400	62,225	(8,175)
<b>Total Payroll</b>	<b>\$41,498,794</b>	<b>\$45,301,800</b>	<b>\$44,892,734</b>	<b>(\$409,066)</b>
<b>Operations</b>				
General Operations	\$13,787,626	\$16,902,900	\$18,582,529	\$1,679,629
Legal Services	597,799	808,700	808,700	-
Collection Services	665,060	569,300	569,300	-
Fuel for Incin., Pump. and Heating	1,555,223	2,191,500	3,794,600	1,603,100
Chemicals	1,678,333	2,203,200	2,844,400	641,200
Utilities	5,715,824	6,482,200	7,896,200	1,414,000
Debt	65,008,989	70,795,600	68,608,100	(2,187,500)
Nitrogen Credits	1,015,728	1,055,000	880,200	(174,800)
Pension Regular	5,551,000	7,841,600	7,917,064	75,464
OPEB	8,652,000	8,970,800	9,266,005	295,205
Employee Benefits	16,734,430	18,695,000	19,863,605	1,168,605
Insurance	5,748,432	6,000,700	6,111,238	110,538
Taxes and Fees	3,595,994	3,810,500	3,810,500	-
Special Agrmts and Programs	2,282,870	5,326,400	4,714,300	(612,100)
<b>Total Operations</b>	<b>\$132,589,308</b>	<b>\$151,653,400</b>	<b>\$155,666,741</b>	<b>\$4,013,341</b>
<b>Maintenance</b>	<b>\$5,304,336</b>	<b>\$6,580,700</b>	<b>\$6,509,500</b>	<b>(\$71,200)</b>
<b>Contingencies</b>	<b>-</b>	<b>1,980,000</b>	<b>1,980,000</b>	<b>-</b>
<b>Total</b>	<b>\$179,392,438</b>	<b>\$205,515,900</b>	<b>\$209,048,975</b>	<b>\$3,533,075</b>

# Budget Summary

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## Expenditures: Changes by Major Object

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

### Payroll: (\$409,066)

- **Regular Pay** is decreasing by \$143,691; reflects increment and cost-of-living increases, offset by a reduction in headcount and net savings from hiring new employees at lower pay.
- **Overtime** and **Standby & Premium Pay** a net increase of \$4,600 reflects cost-of-living increases.
- **Temporary Help** is decreasing by \$261,800; this reflects cost savings by using outside services as needed for recreational areas.
- **Longevity Pay** will decrease \$8,175 due to participation.

### Operations: \$4,013,341

- **General Operations** expenditures are increasing by \$1,679,629, primarily driven by an increase in **Information System Professional Fees and Materials from Stock**.
- **Legal Services** expenditures are unchanged in 2022.
- **Collection Services** expenditures are unchanged in 2022
- **Fuel for Incineration, Pumping and Heating** is increasing by \$1,603,100; this reflects an increase in anticipated usage and a rise in market-dependent fuel prices.
- **Chemicals** are increasing by \$641,200 to reflect the rise in prices.
- **Utilities** increase by \$1,414,000; this reflects an increase in anticipated usage and a rise in market-driven utility prices.
- **Debt Service**, a decrease of \$2,187,500, is a result of the surplus appropriation from 2021 debt issuance of 2020 that did not occur.
- **Nitrogen Credits** are projected to decrease by \$174,800, based on prior-year weather conditions and the Department of Energy and Environmental Protection rates for the DEEP Nitrogen Credit Program, which address the levels of nitrogen discharged into Long Island Sound.
- **Pension** allotment increase of \$75,464 is based on the District's actuary information and allocated based upon payroll.
- **OPEB** is increasing by \$295,205 to offset the unfavorable OPEB Trust Fund balance and align the required annual contributions to reflect The District's OPEB Obligation.
- **Employee Benefits** are increasing by \$1,168,605. The budget reflects costs associated with rising insurance costs and establishing a new allotment to fund Retirement Payouts.
- **General Insurance** is higher by \$110,538 due to an increase in rates.

## Budget Summary

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### Expenditures: Changes by Major Object

- **Taxes and Fees** expenditures are unchanged for 2022.
- **Special Agreements and Programs** expenditures will decrease by \$612,100, primarily driven by eliminating the **DPH Assessment Fee** and reduced **Consultant Services**.

### Maintenance: (\$71,200)

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

### Contingency: \$0

- **Contingencies** are unchanged for 2022.

# Budget Summary

## Expenditures: Changes by Major Object

The following two tables show the Major Object and the Major Objects grouped into categories as a percentage of the 2022 overall adopted budget.

<b>OBJECT CODES</b>	<b>AMOUNT</b>	<b>% OF BUDGET</b>
Debt	\$68,608,100	32.82%
Payroll	\$44,892,734	21.47%
Employee Benefits	19,863,605	9.50%
General Operations	18,582,529	8.89%
Other Post Employee Benefits	9,266,005	4.43%
Pension Regular	7,917,064	3.79%
Utilities	7,896,200	3.78%
Maintenance	6,509,500	3.11%
Insurance	6,111,238	2.92%
Special Agrmts and Programs	4,714,300	2.26%
Taxes and Fees	3,810,500	1.82%
Fuel for Incin., Pump. and Heating	3,794,600	1.82%
Chemicals	2,844,400	1.36%
Contingency	1,980,000	0.95%
Nitrogen Credits	880,200	0.42%
Legal Services	808,700	0.39%
Collection Services	569,300	0.27%
<b>Total Operations</b>	<b>\$209,048,975</b>	<b>100.00%</b>

<b>CATEGORY</b>	<b>AMOUNT</b>	<b>% OF BUDGET</b>
Debt	\$68,608,100	32.82%
Payroll Related	\$68,564,439	32.80%
Utilities	22,377,129	10.70%
General Operations	19,863,605	9.50%
Maintenance	7,917,064	3.79%
Insurance	6,111,238	2.92%
Chemicals	4,714,300	2.26%
Taxes & Fees	3,810,500	1.82%
Contingency	2,844,400	1.36%
Nitrogen Credits	1,980,000	0.95%
Legal	1,378,000	0.66%
Special Agrmts & Prgms	880,200	0.42%
	<b>\$209,048,975</b>	<b>100.00%</b>

# Budget Summary

## Expenditures: Statistical Analysis

The following table shows the significant changes from the 2021 Adopted Budget and the 2022 Adopted Budget.

Expenditure Classification	2021 Adopted	2022 Adopted	Change	Percent Change
Int & Note Issue Expense	1,760,800	359,600	(1,401,200)	-79.58%
Consultant Services	1,691,600	1,188,000	(503,600)	-29.77%
Temporary Pay	556,800	295,000	(261,800)	-47.02%
Public Liability	341,400	132,814	(208,586)	-61.10%
State of CT/DPH	191,000	-	(191,000)	-100.00%
Traffic Control/Flagging Services	206,000	60,000	(146,000)	-70.87%
Disposal/Removal Fees	360,600	234,800	(125,800)	-34.89%
Workers Compensation Excess Coverage	240,000	119,931	(120,069)	-50.03%
Employee Practices Liability	95,000	-	(95,000)	-100.00%
Fiduciary Liability	106,200	18,069	(88,131)	-82.99%
Other Maintenance	60,000	-	(60,000)	-100.00%
Water Treatment Chemicals	195,600	138,300	(57,300)	-29.29%
Unemployment Compensation	59,600	25,000	(34,600)	-58.05%
Diversity Programs	40,000	20,000	(20,000)	-50.00%
Public Information	30,500	15,500	(15,000)	-49.18%
Other Supplies	15,000	-	(15,000)	-100.00%
Equipment Leases	100,000	122,000	22,000	22.00%
Lobbyist-(Fed/State)	112,500	150,000	37,500	33.33%
Power Operated Equipment	220,000	264,000	44,000	20.00%
Sodium Hypochlorite	204,000	251,000	47,000	23.04%
Permits	125,000	173,900	48,900	39.12%
Auto Liability	66,000	117,361	51,361	77.82%
Laboratory Supplies	183,300	240,000	56,700	30.93%
Sewer Maintenance	45,000	110,000	65,000	144.44%
Aluminum Sulfate	90,600	163,100	72,500	80.02%
Transportation Equipment	421,000	505,200	84,200	20.00%
Dues & Memberships	248,400	364,500	116,100	46.74%
Riparian	60,000	250,000	190,000	316.67%
General Insurance	2,800	237,060	234,260	8366.43%
Information System Professional Fees	1,915,500	2,410,000	494,500	25.82%
Polymers	700,000	1,200,000	500,000	71.43%
Rock Sand & Dirt	2,000	1,218,569	1,216,569	60828.45%
Electricity	6,482,200	7,896,200	1,414,000	21.81%
Fuel	1,375,700	2,954,700	1,579,000	114.78%

## Basis of Budgetary Accounting

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



## Budget Expenditures

<b>Budget Appropriations</b>	<b>Sewer</b>	<b>Water</b>	<b>Total</b>
District Board	\$ 257,500	\$ 268,000	\$ 525,500
Executive Office	1,505,900	1,567,167	3,073,067
Legal	723,100	752,570	1,475,670
Finance	3,439,200	3,579,365	7,018,565
Information Technology	2,928,700	5,946,280	8,874,980
Engineering and Planning	535,600	557,532	1,093,132
Water Treatment & Supply	-	8,101,154	8,101,154
Water Pollution Control	20,573,002	-	20,573,002
Laboratory Services	758,200	821,354	1,579,554
Maintenance	6,117,900	6,367,381	12,485,281
Chief Operating Office	375,000	390,354	765,354
Environment, Health and Safety	480,600	500,118	980,718
Command Center	1,502,800	2,917,195	4,419,995
Operations	3,268,600	9,805,634	13,074,234
Patrol	-	1,470,957	1,470,957
Debt Service	35,117,500	33,899,300	69,016,800
Employee Benefits	16,747,500	20,469,174	37,216,674
General Insurance	2,492,100	3,738,138	6,230,238
Taxes and Fees	-	3,810,500	3,810,500
Special Agreements and Programs	1,398,300	3,885,300	5,283,600
Contingencies	1,980,000	-	1,980,000
<b>Total Water and Sewer Budget</b>	<b>\$ 100,201,502</b>	<b>\$ 108,847,473</b>	<b>\$ 209,048,975</b>
Hydroelectric			\$ 403,700

## Budget Revenues

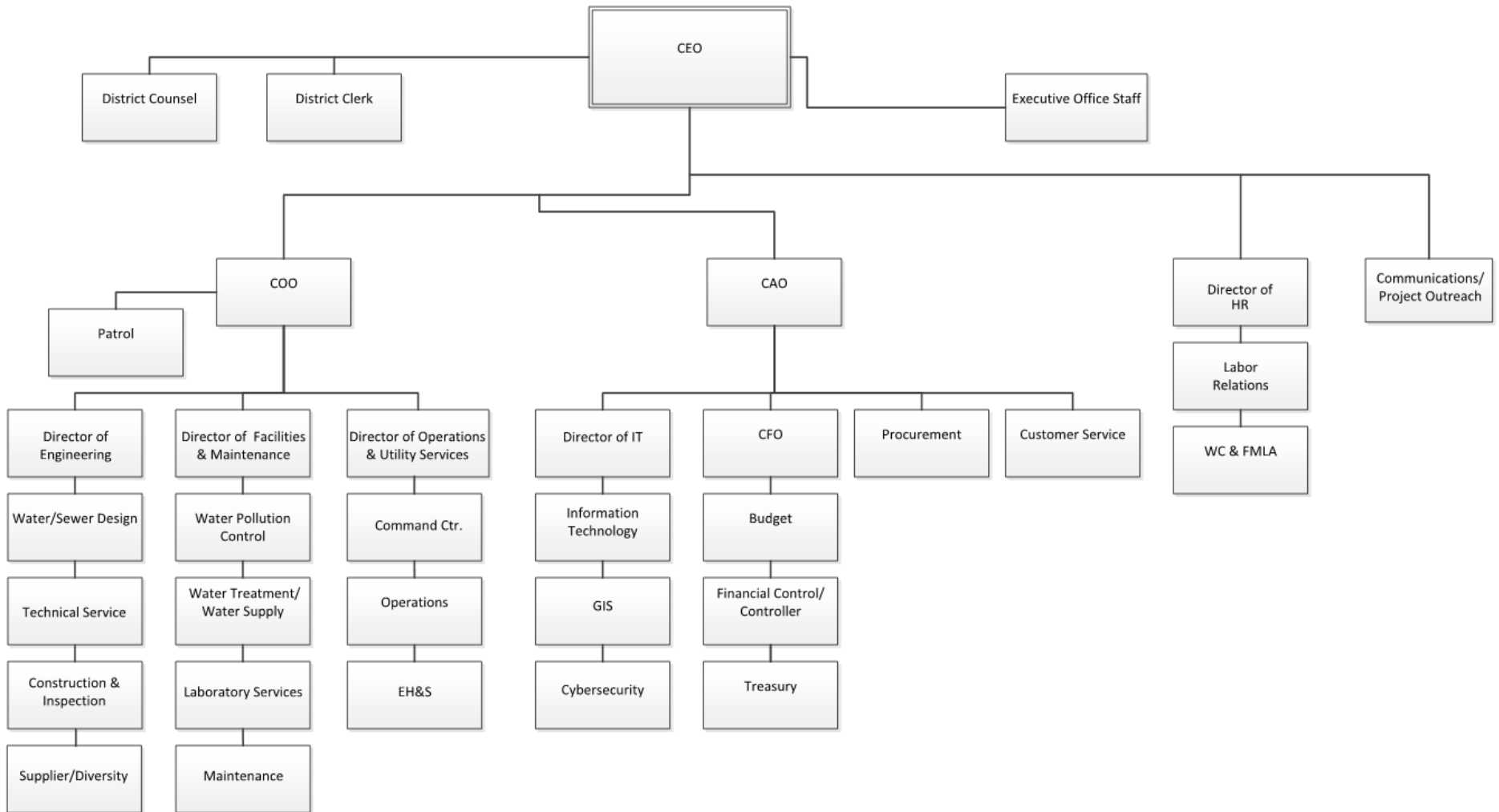
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<b>Revenue</b>	<b>Total</b>
<b>Water Revenues</b>	
<b>Operating Revenues</b>	
Sale of Water	\$ 96,552,254
Other Operating Revenues	8,494,100
<b>Subtotal Operating Revenues</b>	<b>105,046,354</b>
<b>Non-Operating Revenues</b>	<b>2,401,119</b>
<b>Other Financing Sources</b>	
Contributions from (to Other Funds)	1,400,000
<b>Total Source of Revenues – Water Operations</b>	<b>\$ 108,847,473</b>
<b>Sewer Revenues</b>	
<b>Operating Revenues</b>	
Tax on Member Municipalities	\$ 53,076,600
Revenue from Other Government Agencies	10,931,000
Other Sewer Revenues	18,212,000
Sewer User Charge Revenues	13,301,902
<b>Subtotal Operating Revenues</b>	<b>\$ 95,521,502</b>
<b>Other Financing Sources</b>	
DEEP Contingency	1,980,000
Designated from Surplus	2,700,000
<b>Subtotal Other Financing Sources</b>	<b>\$ 4,680,000</b>
<b>Total Source of Revenues – Sewer Operations</b>	<b>\$ 100,201,502</b>
<b>Total Source of Revenues – Water and Sewer Operations</b>	<b>\$ 209,048,975</b>
<b>Hydroelectric Revenues</b>	<b>\$ 403,700</b>

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# The Metropolitan District



# The Metropolitan District

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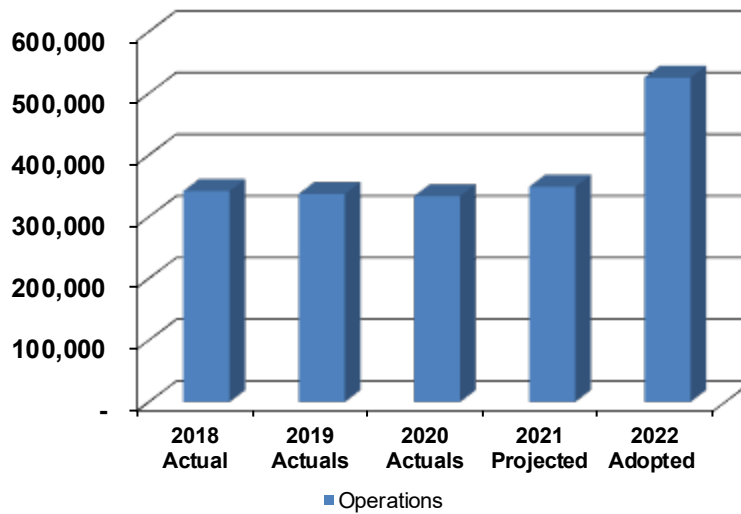
## Description

- The Metropolitan District (MDC), Hartford County, Connecticut is a non-profit municipal corporation established in 1929 by Special Act 511 of the Connecticut General Assembly. Member municipalities incorporated in the District are: The City of Hartford and the Towns of East Hartford, West Hartford, Wethersfield, Rocky Hill, Newington, Bloomfield and Windsor. The total population served by the District is approximately 362,767.
- The MDC is mandated through its 1929 Charter to provide potable water as well as sanitary sewer and mapping services for its member municipalities and for other non-member service areas by special agreement. Additional powers granted the MDC through legislative amendments to its charter include: the development, construction and operation of hydroelectric power facilities.
- The establishment of policy for the MDC is the responsibility of a thirty-three member commission, commonly referred to as the District Board. Member town councils appoint seventeen of the commissioners, the Governor appoints eight, and designated members of the General Assembly appoint four. Non-member towns appoint four. All commissioners serve without remuneration during their respective terms.
- Responsibility for the overall administration and management of MDC policy, operations and services rests with the Chief Executive Officer. The MDC department structure consists of: Executive Office; Communications; Legal; Human Resources; Information Technology; Finance; Procurement; Customer Service; Environment, Health and Safety; Engineering and Planning; Command Center; Operations; Laboratory Services; Water Pollution Control; Maintenance; Water Treatment and Water Supply; Patrol and Hydroelectric.
- As of the third quarter of 2021, there were approximately 425 active full-time employees at The Metropolitan District.

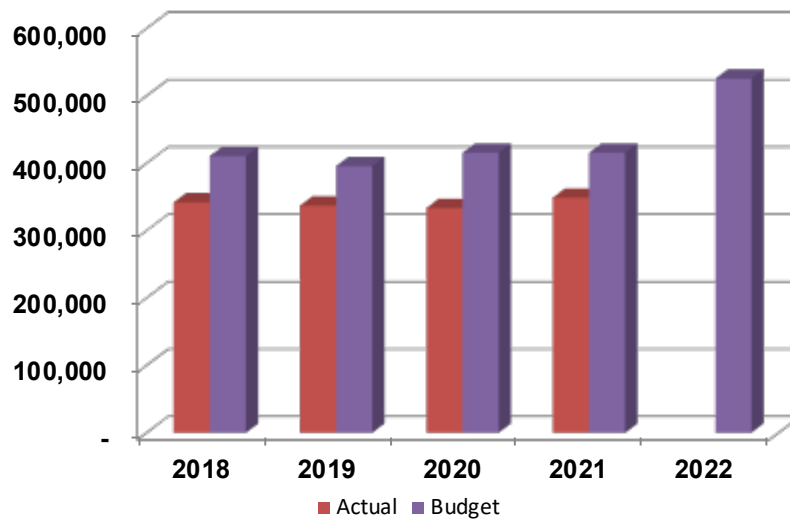
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# District Board

**Expenditure Trend**



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	-	-	-	-	-
Operations	341,804	337,038	333,424	348,714	525,500
Maintenance	-	-	-	-	-
<b>Total</b>	<b>341,804</b>	<b>337,038</b>	<b>333,424</b>	<b>348,714</b>	<b>525,500</b>



	2018	2019	2020	2021	2022
Actual	341,804	337,038	333,424	348,714	
Budget	410,500	395,500	415,500	415,500	525,500
<b>Variance</b>	<b>(68,696)</b>	<b>(58,462)</b>	<b>(82,076)</b>	<b>(66,786)</b>	



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**Administration****Description**

By Charter, the affairs and policies of The Metropolitan District are governed by a Board of Commissioners (the District Board) composed of thirty-three members: seventeen appointed by the District's member municipalities (Bloomfield, East Hartford, Hartford, Newington, Rocky Hill, West Hartford, Wethersfield, and Windsor); eight appointed by the Governor; four appointed by the leadership of the Connecticut General Assembly; and four appointed by the non-member towns.

The District Board has broad authority with regard to providing services for the region, including the creation, maintenance, extension, and operation of public water and sanitary sewer systems; the authority to collect and dispose of refuse; and the operation and maintenance of resources recovery facilities. The Metropolitan District is also authorized to construct, operate and maintain hydroelectric dams and provide for the transmission, sale, and distribution of the electricity produced by District hydroelectric facility.

The establishment of policy and oversight of the administration is the responsibility of two major bureaus of the District Board – the Bureau of Public Works and the Water Bureau – and of the following Chartered or standing committees: the Board of Finance; Commission on Regional Planning; Community Affairs; General Policy and Planning; Internal Audit; MDC Government; Organization; Personnel, Pension, and Insurance; and Farmington River Watershed Advisory.

**Budget Commentary**

The District Board adopted budget for the coming year is \$525,500, increasing by \$110,000 or 26.5%.

**Operations: \$110,000**

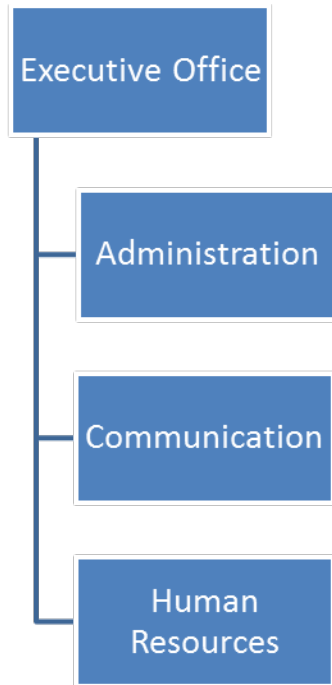
- *Dues & Memberships* allotment is being transferred here from Special Agreements & Programs (7400010010). This is for the District's membership in MetroHartford Alliance.
- *Outside Services* increases due to expanded and specific tasks being assigned in 2021 to each state legislative/administrative consultant, offset by a decrease in Auditing/Finance Services based on historical expenses.

**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Operations</i>					
511110	Business Travel	-	500	-	500
511120	Meeting Expenses	23,736	35,000	14,276	35,000
511220	Dues & Memberships	-	-	-	110,000
512010	Auditing/Finance Services	147,800	180,000	151,566	165,000
512080	Outside Services	160,197	195,000	182,545	210,000
513010	Office Supplies	1,691	5,000	327	5,000
<i>Total Expenditure Classification</i>		<b>333,424</b>	<b>415,500</b>	<b>348,714</b>	<b>525,500</b>
<i>Funding Allocation</i>					
Sewer Allocation 49%		163,400	203,600	170,900	257,500
Water Allocation 51%		170,024	211,900	177,814	268,000
<i>Total Funding Allocation</i>		<b>333,424</b>	<b>415,500</b>	<b>348,714</b>	<b>525,500</b>

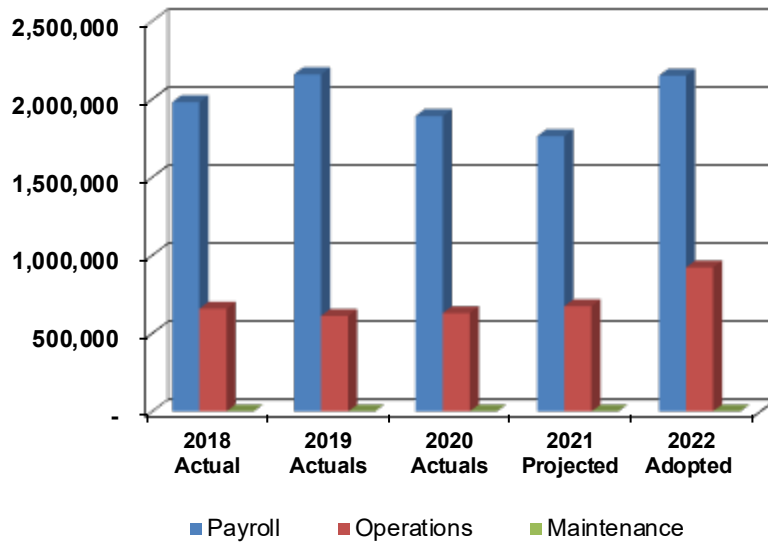
# **Chief Executive Office**

Administration  
Communications  
Human Resources

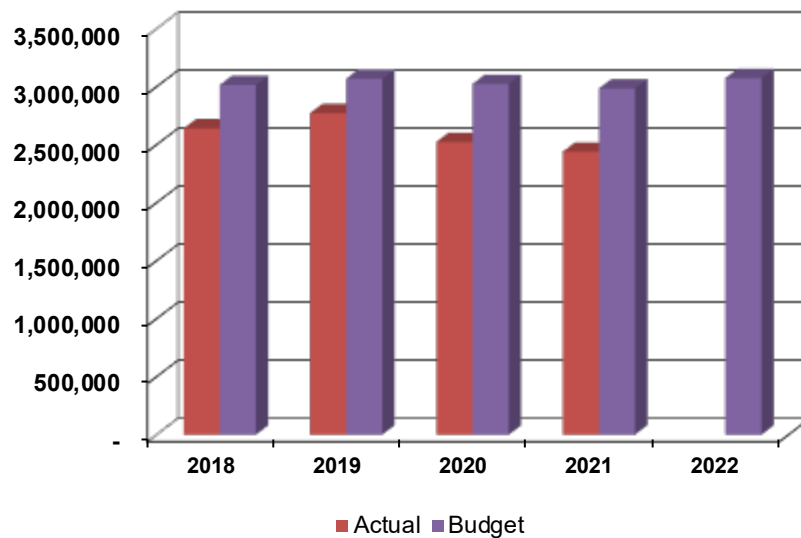


# Chief Executive Office

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	1,981,827	2,159,666	1,892,262	1,763,815	2,150,567
Operations	658,065	611,611	630,546	674,575	922,500
Maintenance	-	-	-	-	-
<b>Total</b>	<b>2,639,892</b>	<b>2,771,277</b>	<b>2,522,808</b>	<b>2,438,390</b>	<b>3,073,067</b>



	2018	2019	2020	2021	2022
Actual	2,639,892	2,771,277	2,522,808	2,438,390	
Budget	3,013,850	3,067,600	3,022,600	2,983,600	3,073,067
Variance	(373,958)	(296,323)	(499,792)	(545,210)	

# **Chief Executive Office**

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## **Summary**

### **Description**

The Chief Executive Office is responsible for overseeing the Administration, Communications, and Human Resources departments.

### **Budget Commentary**

The overall adopted Chief Executive Office budget totals \$3,073,067, increasing by \$89,467 or 3.0% above the operating expenditure level adopted for the 2021 year. The three activity budgets that comprise the Chief Executive Office — Administration, Communications, and Human Resources — are on subsequent pages.

# Chief Executive Office

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	819,074	933,200	908,160	949,120
Communications	441,999	608,700	431,587	615,021
Human Resources	1,261,735	1,441,700	1,098,643	1,508,926
<b><i>Total Summary by Activity</i></b>	<b>2,522,808</b>	<b>2,983,600</b>	<b>2,438,390</b>	<b>3,073,067</b>
<b><i>Summary by Major Accounts</i></b>				
<b>Payroll</b>				
Regular Pay	1,846,845	1,795,500	1,750,511	1,882,942
Overtime 100%	678	800	461	2,300
Overtime 150%	2,946	4,000	56	2,500
Overtime 200%	-	-	-	-
Temporary Help	38,718	260,000	9,262	260,000
Standby & Premium Pay	-	-	-	-
Longevity Pay	3,075	3,800	3,525	2,825
<b><i>Total Payroll</i></b>	<b>1,892,262</b>	<b>2,064,100</b>	<b>1,763,815</b>	<b>2,150,567</b>
Operations	630,546	919,500	674,575	922,500
Maintenance	-	-	-	-
Capital	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>2,522,808</b>	<b>2,983,600</b>	<b>2,438,390</b>	<b>3,073,067</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 49%	1,236,200	1,462,000	1,158,490	1,505,900
Water Allocation 51%	1,286,608	1,521,600	1,279,900	1,567,167
<b><i>Total Funding Allocation</i></b>	<b>2,522,808</b>	<b>2,983,600</b>	<b>2,438,390</b>	<b>3,073,067</b>
<b><i>Authorized Positions</i></b>				
Administration	4	4	4	4
Communications	2	2	2	2
Human Resources	7	7	7	7
<b><i>Total Authorized Positions</i></b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>

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**Administration****Description**

The Chief Executive Officer is appointed by the District Board and is responsible for implementing the board's policies and providing overall management of District programs and operations. As the Commission's primary policy advisor, the CEO provides staff support to the District Board and its bureaus and committees and also serves as the primary liaison between the District and various federal, state, regional, and local officials and agencies: Compilation of meeting agendas and finalization of minutes; the coordination and control of Commission, bureau and committee meetings and public hearings; and management of the sewer and water assessment programs.

**Budget Commentary**

The adopted Chief Executive Office - Administration budget for the coming year is \$949,120, increasing by \$15,920 or 1.7% above the level adopted for 2021.

**Payroll: \$15,920**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Longevity Pay* has decreased due to participation.

**Operations: \$0**

- Expenditures are unchanged for 2022.



**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	674,064	690,200	687,983	706,220
501030	Overtime 100%	140	-	461	500
501040	Overtime 150%	-	1,000	56	500
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,300	1,500	1,400	1,400
	<b>Total Payroll</b>	<b>675,504</b>	<b>692,700</b>	<b>689,900</b>	<b>708,620</b>
<b><i>Operations</i></b>					
511110	Business Travel	1,452	3,500	-	3,500
511120	Meeting Expenses	5,949	12,000	7,627	12,000
511210	Books & Periodicals	790	700	433	700
511220	Dues & Memberships	65,545	80,000	73,960	80,000
511250	Other Additional Taxable Comp.	650	-	-	-
512080	Outside Services	2,478	39,300	47,433	39,300
512110	Legal Advertising	12,000	12,000	11,728	12,000
512340	Liens & Caveats Certification	45,277	86,000	70,680	86,000
513010	Office Supplies	5,794	6,000	6,399	6,000
513730	Gasoline	72	-	-	-
519070	Community Outreach - Public Info.	3,563	1,000	-	1,000
	<b>Total Operations</b>	<b>143,570</b>	<b>240,500</b>	<b>218,260</b>	<b>240,500</b>
	<b>Total Expenditure Classification</b>	<b>819,074</b>	<b>933,200</b>	<b>908,160</b>	<b>949,120</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 49%	401,300	457,300	431,360	465,100
	Water Allocation 51%	417,774	475,900	476,800	484,020
	<b>Total Funding Allocation</b>	<b>819,074</b>	<b>933,200</b>	<b>908,160</b>	<b>949,120</b>
<b><i>Authorized Positions</i></b>					
	Assistant to CEO	1	1	1	1
	Chief Executive Officer	1	1	1	1
	Executive Assistant	1	1	1	1
	Senior Clerk OOC	1	1	1	1
	<b>Total Authorized Positions</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Communications****Description**

The Communication Department is responsible for the development and implementation of communication and project outreach programs, and the distribution of materials designed to improve the way project information is relayed to the public and internally throughout the District. This group is responsible for managing Community Outreach Liaison Teams which support Project Outreach in the communities where District projects are taking place. In addition, this unit is responsible for the development and distribution of various communication vehicles, including the District bill insert, newsletter, and TV program.

**Budget Commentary**

The adopted 2022 budget for the Communication Department totals \$615,021, increasing by \$6,321 or 1.0% above 2021 adopted levels.

**Payroll: \$6,321**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: \$0**

- There are no increases for the 2022 Operational expenditures.

**Communications**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i><b>Payroll</b></i>					
501010	Regular Pay	253,086	260,800	260,678	267,196
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	350	900	825	825
<i><b>Total Payroll</b></i>		<b>253,436</b>	<b>261,700</b>	<b>261,503</b>	<b>268,021</b>
<i><b>Operations</b></i>					
511100	Seminars & Conventions	280	2,000	1,087	2,000
511120	Meeting Expenses	1,094	3,000	150	3,000
511210	Books & Periodicals	58,847	87,000	69,167	87,000
511240	Public Information	12,919	14,500	4,888	14,500
512070	Consultant Services	73,479	138,000	42,711	138,000
512080	Outside Services	5,547	62,000	19,050	62,000
512210	Information System Professional Fee	3,600	-	-	-
513010	Office Supplies	3,763	3,000	8,199	3,000
513070	Public Information Supplies	-	11,000	1,500	11,000
519010	Freight & Express	1,200	-	-	-
519070	Community Outreach - Public Info.	21,950	21,000	17,632	21,000
519090	Advertising	5,884	5,500	5,700	5,500
<i><b>Total Operations</b></i>		<b>188,563</b>	<b>347,000</b>	<b>170,084</b>	<b>347,000</b>
<i><b>Total Expenditure Classification</b></i>		<b>441,999</b>	<b>608,700</b>	<b>431,587</b>	<b>615,021</b>
<i><b>Funding Allocation</b></i>					
Sewer Allocation 49%		216,600	298,300	204,026	301,400
Water Allocation 51%		225,399	310,400	227,561	313,621
<i><b>Total Funding Allocation</b></i>		<b>441,999</b>	<b>608,700</b>	<b>431,587</b>	<b>615,021</b>
<i><b>Authorized Positions</b></i>					
Special Services Administrator		2	2	2	2
<i><b>Total Authorized Positions</b></i>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

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**Human Resources****Description**

The Director of Human Resources has oversight responsibility for all human resources functions, including Education and Training; Employee Benefits Administration; Employee Relations and Human Resources Administration.

The Human Resources Department is responsible for providing a full range of human resources services to MDC employees at multiple work sites. Human Resources' core functions and responsibilities include policy development; risk services; job design; classification and reclassification; recruitment and retention; forecasting and succession planning; training and staff development; compensation administration; employee relations and communication; performance management; strategic planning; Human Resources Information Systems (HRIS); benefits administration; complaint resolution; recognition efforts; and quality and process improvement initiatives.

**Budget Commentary**

The adopted 2022 budget for the Human Resources department totals \$1,508,926, increasing by \$67,226 or 4.7% above the adopted level for 2021.

**Payroll: \$64,226**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Temporary Pay* remains unchanged while funding the College Intern Program and the High School Learn & Earn Program.
- *Longevity Pay* has decreased due to participation.

**Operations: \$3,000**

- *Fees & Tuition* will increase as more employees use this benefit to attend continuing educational classes.
- *Outside Services* is increasing due to the consolidation of *Employees Services* with this allotment.
- *Diversity Programs* have been reduced as a result of historical expenditures.

Human Resources

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Payroll</i>					
501010	Regular Pay	919,695	844,500	801,850	909,526
501030	Overtime 100%	538	800	-	1,800
501040	Overtime 150%	2,946	3,000	-	2,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	38,718	260,000	9,262	260,000
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,425	1,400	1,300	600
	<i>Total Payroll</i>	<b>963,322</b>	<b>1,109,700</b>	<b>812,412</b>	<b>1,173,926</b>
<i>Operations</i>					
503010	Medical Services	27,398	38,000	34,224	38,000
511040	Employee Activities	16,360	38,000	36,889	38,000
511060	Employee Testing	25,823	29,000	31,516	30,000
511070	Employee Reimbursement	48	-	-	-
511100	Seminars & Conventions	-	1,600	-	1,600
511210	Books & Periodicals	316	400	-	400
511220	Dues & Memberships	1,137	1,200	1,501	1,200
511230	Fees & Tuition	43,024	50,000	47,863	60,000
512070	Consultant Services	132,496	100,000	85,704	100,000
512080	Outside Services	15,641	7,000	6,581	20,000
513010	Office Supplies	3,788	3,800	5,239	3,800
519070	Community Outreach - Public Info.	25,000	25,000	25,000	25,000
519080	Diversity Programs	7,182	20,000	247	10,000
519230	Employee Services	-	13,000	8,463	-
519240	Grievance Expenses	200	5,000	3,004	7,000
	<i>Total Operations</i>	<b>298,413</b>	<b>332,000</b>	<b>286,231</b>	<b>335,000</b>
	<i>Total Expenditure Classification</i>	<b>1,261,735</b>	<b>1,441,700</b>	<b>1,098,643</b>	<b>1,508,926</b>
<i>Funding Allocation</i>					
	Sewer Allocation 49%	618,300	706,400	523,104	739,400
	Water Allocation 51%	643,435	735,300	575,539	769,526
	<i>Total Funding Allocation</i>	<b>1,261,735</b>	<b>1,441,700</b>	<b>1,098,643</b>	<b>1,508,926</b>
<i>Authorized Positions</i>					
	Administrative Assistant	1	1	1	1
	Director of Human Resources	1	1	1	1
	Durational Div Project Manager	1	1	1	1
	Human Resources Generalist	1	1	1	2
	Human Resources Manager	1	1	1	1
	Professional Level Trainee	1	1	-	-
	Professional Level Associate	-	-	1	1
	Labor Relations Manager	1	1	1	-
	<i>Total Authorized Positions</i>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>

# **Legal**

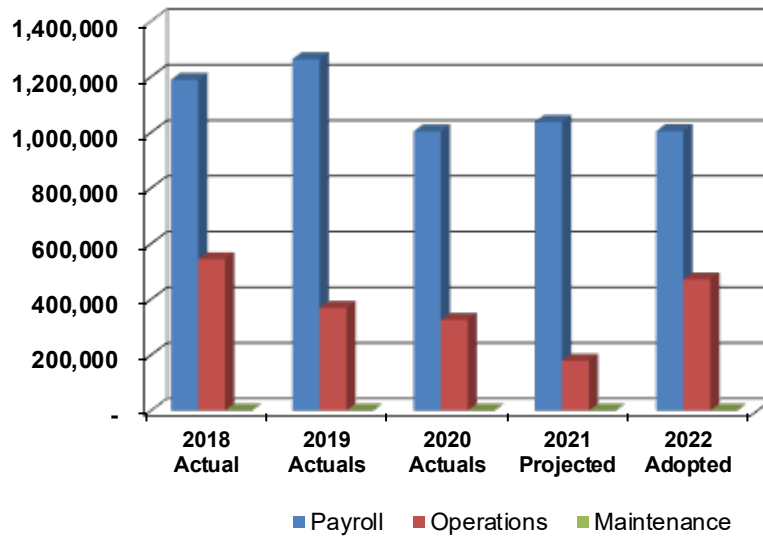
Administration

Legal

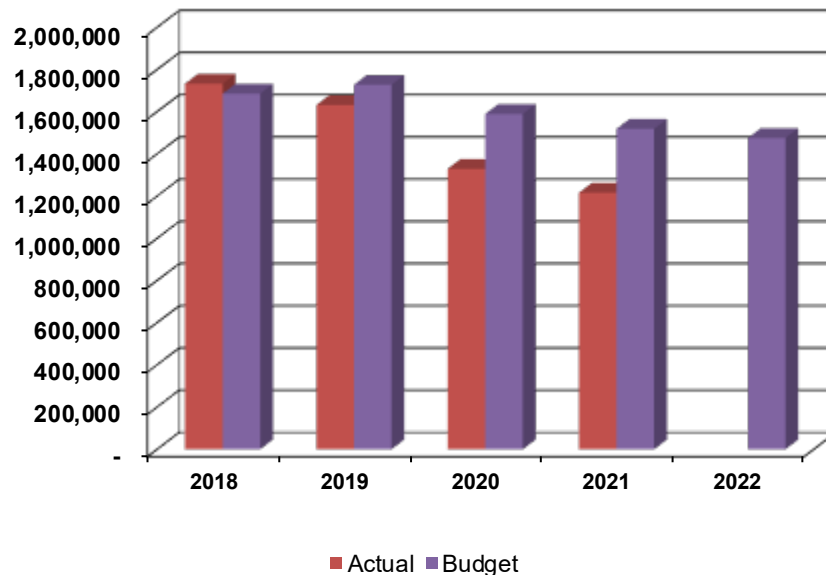
Administration

# Legal

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	1,189,275	1,263,004	1,003,179	1,037,453	1,004,370
Operations	543,658	369,248	325,917	179,204	471,300
Maintenance	-	-	-	-	-
<b>Total</b>	<b>1,732,933</b>	<b>1,632,252</b>	<b>1,329,096</b>	<b>1,216,657</b>	<b>1,475,670</b>



	2018	2019	2020	2021	2022
Actual	1,732,933	1,632,252	1,329,096	1,216,657	
Budget	1,685,900	1,727,900	1,589,800	1,519,100	1,475,670
<b>Variance</b>	<b>47,033</b>	<b>(95,648)</b>	<b>(260,704)</b>	<b>(302,443)</b>	



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**Administration****Description**

The District's Legal Department is administered by District Counsel and supported by Assistant District Counsel and a Professional Level Trainee. District Counsel may appoint additional counsel on an as-needed basis.

Primary duties of the Legal Department include: labor contract negotiations, preparation of legal agreements, representation of the District in administrative proceedings and litigation, the provision of legal advice, legislative review, and various other legal responsibilities as required.

**Budget Commentary**

The adopted Legal Department budget for 2022 totals \$1,475,670, which is a decrease of \$43,430 or 2.9% below the expenditure level approved for 2021.

**Payroll: (\$9,730)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees offset by a decrease in headcount.
- *Longevity Pay* has increased due to participation.

**Operations: (\$33,700)**

- *Books & Periodicals* are increasing as a result of proper coding to this allotment.
- *Consultant Services* are decreasing based on historical expenditures.

**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	1,002,379	1,013,000	1,036,403	1,002,570
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	800	1,100	1,050	1,800
	<i><b>Total Payroll</b></i>	<b>1,003,179</b>	<b>1,014,100</b>	<b>1,037,453</b>	<b>1,004,370</b>
	<i><b>Operations</b></i>				
511020	Mileage Allowance	2	500	67	500
511050	Employee Education Program	20	-	-	-
511070	Employee Reimbursement	14	-	646	-
511100	Seminars & Conventions	160	2,500	5,701	2,500
511120	Meeting Expenses	251	2,000	640	2,000
511210	Books & Periodicals	11,900	-	13,270	12,000
511220	Dues & Memberships	1,173	1,300	1,844	1,300
512020	Legal Services	271,281	400,000	152,231	400,000
512070	Consultant Services	37,219	95,700	2,375	50,000
512080	Outside Services	2,478	-	-	-
513010	Office Supplies	1,419	3,000	2,430	3,000
	<i><b>Total Operations</b></i>	<b>325,917</b>	<b>505,000</b>	<b>179,204</b>	<b>471,300</b>
	<i><b>Total Expenditure Classification</b></i>	<b>1,329,096</b>	<b>1,519,100</b>	<b>1,216,657</b>	<b>1,475,670</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 49%	651,300	744,400	592,957	723,100
	Water Allocation 51%	677,796	774,700	623,700	752,570
	<i><b>Total Funding Allocation</b></i>	<b>1,329,096</b>	<b>1,519,100</b>	<b>1,216,657</b>	<b>1,475,670</b>
	<i><b>Authorized Positions</b></i>				
	Assistant District Counsel	5	5	5	4
	District Counsel	1	1	1	1
	Professional Level Trainee	1	1	1	1
	<i><b>Total Authorized Positions</b></i>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>

**Finance  
Procurement  
Customer Service**

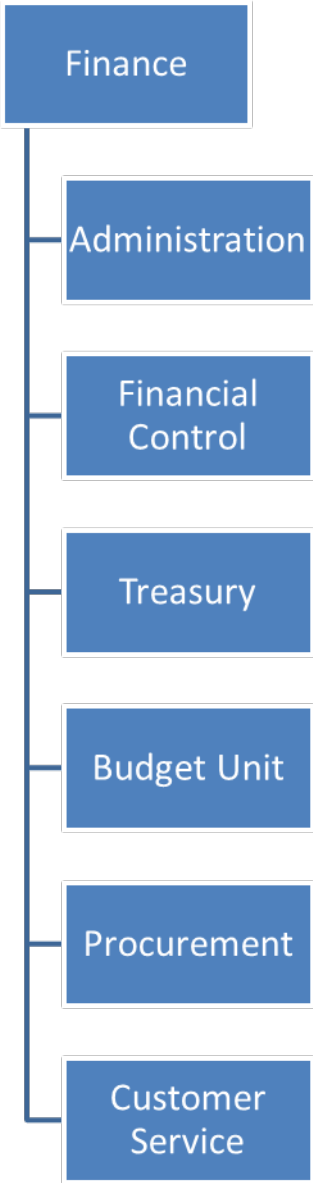
Finance

Procurement

Customer  
Service

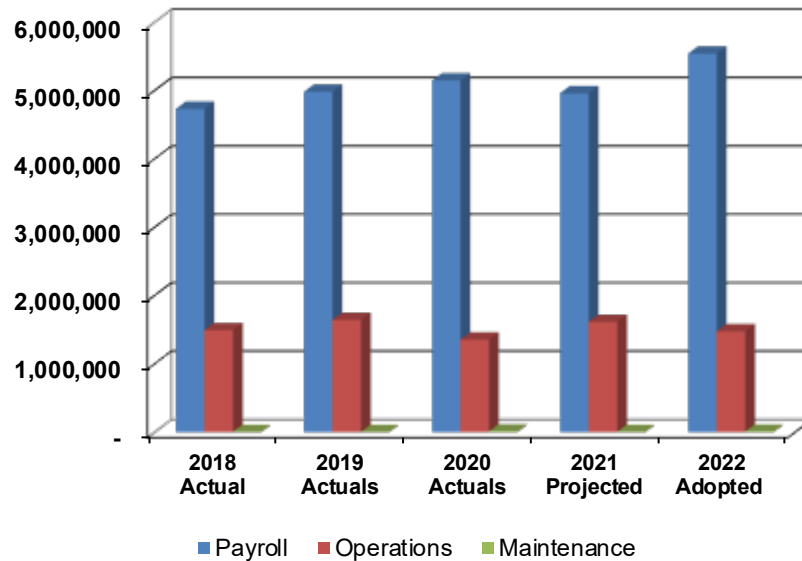
# **Finance**

Administration  
Financial Control  
Treasury  
Budget Unit  
Procurement  
Customer Service

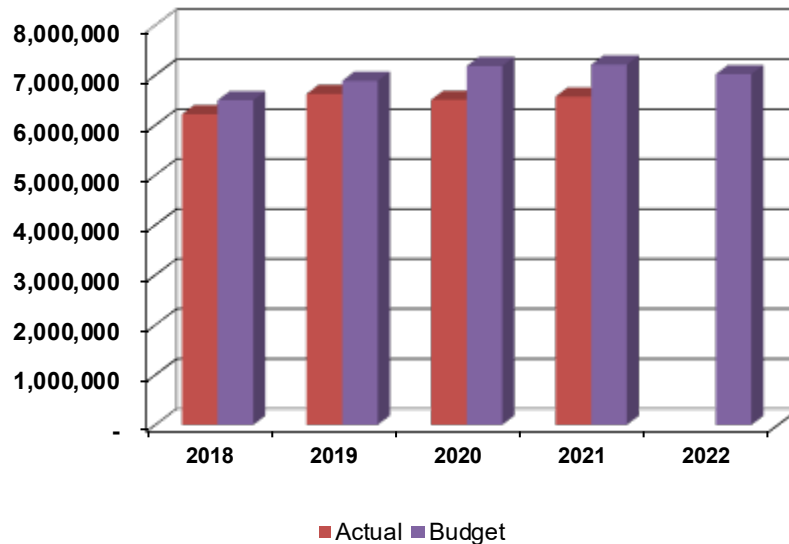


# Finance

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	4,729,718	4,981,951	5,145,930	4,958,334	5,539,865
Operations	1,490,062	1,641,881	1,352,492	1,611,261	1,473,700
Maintenance	-	-	8,598	1,489	5,000
<b>Total</b>	<b>6,219,780</b>	<b>6,623,832</b>	<b>6,507,020</b>	<b>6,571,084</b>	<b>7,018,565</b>



	2018	2019	2020	2021	2022
Actual	6,219,780	6,623,832	6,507,020	6,571,084	
Budget	6,497,000	6,886,300	7,183,300	7,209,700	7,018,565
<b>Variance</b>	<b>(277,220)</b>	<b>(262,468)</b>	<b>(676,280)</b>	<b>(638,616)</b>	

# Finance

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## Summary

### Description

The Finance Department consists of the following major activities: Administration, Financial Control, Treasury, Budget, Procurement, and Customer Service. A detailed discussion regarding the specific duties and objectives of the Finance Department is included on the following pages.

### Budget Commentary

The adopted Finance budget for 2022 is \$7,018,565, which is a decrease of \$191,135 or 2.7% below the adopted budget level for 2021. Budget details for the activities comprising the Finance Department follow.



# Finance

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	952,572	1,260,100	1,188,646	994,406
Financial Control	1,202,960	1,381,100	1,244,411	1,127,108
Treasury	1,077,311	1,088,300	995,469	1,386,550
Budget Unit	446,515	490,400	449,856	485,547
Procurement	887,403	833,700	839,153	990,157
Customer Service	1,940,259	2,156,100	1,853,549	2,034,797
<b><i>Total Summary by Activity</i></b>	<b>6,507,020</b>	<b>7,209,700</b>	<b>6,571,084</b>	<b>7,018,565</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	5,110,513	5,311,100	4,940,991	5,495,240
Overtime 100%	4,885	11,200	3,708	9,500
Overtime 150%	21,132	80,100	7,010	27,500
Overtime 200%	-	-	-	-
Temporary Help	-	9,400	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	9,400	8,800	6,625	7,625
<b><i>Total Payroll</i></b>	<b>5,145,930</b>	<b>5,420,600</b>	<b>4,958,334</b>	<b>5,539,865</b>
Operations	1,352,492	1,783,100	1,611,261	1,473,700
Maintenance	8,598	6,000	1,489	5,000
Capital	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>6,507,020</b>	<b>7,209,700</b>	<b>6,571,084</b>	<b>7,018,565</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 49%	3,188,500	3,532,700	3,071,224	3,439,200
Water Allocation 51%	3,318,520	3,677,000	3,499,860	3,579,365
<b><i>Total Funding Allocation</i></b>	<b>6,507,020</b>	<b>7,209,700</b>	<b>6,571,084</b>	<b>7,018,565</b>
<b><i>Authorized Positions</i></b>				
Administration	4	4	4	4
Financial Control	12	12	13	10
Treasury	10	9	9	12
Budget Unit	4	4	4	4
Procurement	7	6	6	7
Customer Service	14	14	12	12
<b><i>Total Authorized Positions</i></b>	<b>51</b>	<b>49</b>	<b>48</b>	<b>49</b>

**Administration****Description**

The Finance Department's Administration unit is headed by the Chief Administrative Officer, who is responsible for overseeing and directing all District fiscal management and supporting business services, including Financial Control, Treasury, Budget, Payroll, Procurement, Customer Service, and Information Technology activities.

Financial Control, Treasury, and Budget units are managed by the Chief Financial Officer/Finance Director, who is directly responsible for ensuring the effective management of all financial activities within those units.

**Budget Commentary**

The 2022 adopted budget for Administration is \$994,406, a decrease of \$265,694 or 21.1% below the 2021 adopted budget.

**Payroll: \$36,806**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: (\$302,500)**

- *Outside Services* is decreasing based on the reduction in financial management support from Cohn Reznick and other consultants.
- A net reduction in various other allotments is based on historical spending.

## Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	561,105	645,500	615,830	682,306
501030	Overtime 100%	1,399	1,500	50	1,500
501040	Overtime 150%	2,211	500	-	500
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<b><i>Total Payroll</i></b>	<b>564,715</b>	<b>647,500</b>	<b>615,880</b>	<b>684,306</b>
	<b><i>Operations</i></b>				
511020	Mileage Allowance	-	100	-	100
511100	Seminars & Conventions	310	7,500	4,780	6,000
511120	Meeting Expenses	214	3,000	225	1,500
511220	Dues & Memberships	644	1,000	460	1,500
512070	Consultant Services	11,600	-	-	-
512080	Outside Services	373,541	600,000	566,959	300,000
512220	Engineering Professional Fees	293	-	-	-
513010	Office Supplies	1,255	1,000	342	1,000
	<b><i>Total Operations</i></b>	<b>387,857</b>	<b>612,600</b>	<b>572,766</b>	<b>310,100</b>
	<b><i>Total Expenditure Classification</i></b>	<b>952,572</b>	<b>1,260,100</b>	<b>1,188,646</b>	<b>994,406</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	466,800	617,400	556,046	487,300
	Water Allocation 51%	485,772	642,700	632,600	507,106
	<b><i>Total Funding Allocation</i></b>	<b>952,572</b>	<b>1,260,100</b>	<b>1,188,646</b>	<b>994,406</b>
	<b><i>Authorized Positions</i></b>				
	Chief Administrative Officer	1	1	1	1
	Chief Financial Officer/ Director of	1	1	1	1
	Professional Associate	1	1	1	1
	Senior Administrative Analyst	1	1	1	1
	<b><i>Total Authorized Positions</i></b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Financial Control****Description**

The Finance Department's Financial Control Unit is led by the Controller, who is responsible for managing all accounting activities to ensure proper internal controls. Activities include accounts payable; fixed asset records; general ledger accounting; cost accounting; payroll accounting; grant accounting; internal and external reporting; and other financial management analyses supporting all District operations and capital improvements.

**Budget Commentary**

The Financial Control adopted budget for 2022 totals \$1,127,108, a decrease of \$253,992 or 18.4% below the adopted level for 2021.

**Payroll: (\$252,492)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by transferring three positions to Treasury – 1510010030.
- *Longevity Pay* decreases based on eligible employees transferred to Treasury – 1510010030.

**Operations: (\$1,500)**

- Expenditures in *Printing* and *Office Supplies* are decreasing based on projected spending.
- A realignment of *Employee Education Program* and *Seminars & Conventions* funding reflects anticipated spending.

## Financial Control

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	1,112,980	1,225,600	1,164,846	993,683
501030	Overtime 100%	3,026	7,000	3,658	7,000
501040	Overtime 150%	5,911	28,000	2,338	8,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,950	2,000	1,950	1,425
	<b><i>Total Payroll</i></b>	<b>1,123,867</b>	<b>1,262,600</b>	<b>1,172,792</b>	<b>1,010,108</b>
	<b><i>Operations</i></b>				
511050	Employee Education Program	5,527	11,000	3,887	6,000
511070	Employee Reimbursement	-	-	2,186	-
511100	Seminars & Conventions	-	-	-	5,000
511220	Dues & Memberships	1,180	2,000	980	2,000
512080	Outside Services	63,597	100,000	59,860	100,000
513010	Office Supplies	8,789	5,000	4,526	4,000
519100	Printing	-	500	180	-
	<b><i>Total Operations</i></b>	<b>79,093</b>	<b>118,500</b>	<b>71,619</b>	<b>117,000</b>
	<b><i>Total Expenditure Classification</i></b>	<b>1,202,960</b>	<b>1,381,100</b>	<b>1,244,411</b>	<b>1,127,108</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	589,500	676,700	581,118	552,300
	Water Allocation 51%	613,460	704,400	663,293	574,808
	<b><i>Total Funding Allocation</i></b>	<b>1,202,960</b>	<b>1,381,100</b>	<b>1,244,411</b>	<b>1,127,108</b>
	<b><u>Authorized Positions</u></b>				
	Accountant 2	1	1	1	1
	Accounting Administrator	3	3	3	2
	Accounting Assistant	-	-	2	2
	Accounts Payable Supervisor	1	1	1	1
	Cost Analyst	1	1	1	-
	Controller	-	-	1	1
	Billing Analyst	1	1	1	-
	Manager of Financial Control	1	1	-	-
	Principal Account Clerk	3	3	2	2
	Professional Level Associate	1	1	-	-
	Sr Administrative Analyst	-	-	1	1
	<b><i>Total Authorized Positions</i></b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>10</b>

**Treasury****Description**

The Finance Department's Treasury unit is led by the Manager of Treasury, who is responsible for managing and administering all revenue and debt management activities to ensure proper customer billing, receivables collection, cash management, claims management, revenue forecasting, debt financing, and regulatory compliance.

**Budget Commentary**

The adopted 2022 Treasury budget is \$1,386,550, increasing by \$298,250 or 27.4% above the 2021 adopted budget.

**Payroll: \$338,250**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees and transferring three positions from Financial Control – 1510010020.
- *Longevity Pay* increases based on increased participation for eligible employees.

**Operations: (\$40,000)**

- *Outside Services* have decreased to reflect the reduction in SAP Support.
- A realignment of *Employee Education Program, Dues & Memberships, and Seminars & Conventions* funding reflects anticipated spending.

Treasury

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	1,064,931	991,800	936,205	1,352,575
501030	Overtime 100%	-	-	-	1,000
501040	Overtime 150%	685	26,600	-	4,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	2,000	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,500	1,400	950	2,475
<b>Total Payroll</b>		<b>1,067,116</b>	<b>1,021,800</b>	<b>937,155</b>	<b>1,360,050</b>
<b><i>Operations</i></b>					
511050	Employee Education Program	-	5,000	495	6,000
511100	Seminars & Conventions	50	2,000	213	-
511220	Dues & Memberships	495	-	-	1,000
512080	Outside Services	7,051	50,000	54,348	10,000
513010	Office Supplies	2,599	4,500	1,383	4,500
519100	Printing	-	5,000	1,875	5,000
<b>Total Operations</b>		<b>10,195</b>	<b>66,500</b>	<b>58,314</b>	<b>26,500</b>
<b>Total Expenditure Classification</b>		<b>1,077,311</b>	<b>1,088,300</b>	<b>995,469</b>	<b>1,386,550</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 49%		527,900	533,300	465,078	679,400
Water Allocation 51%		549,411	555,000	530,391	707,150
<b>Total Funding Allocation</b>		<b>1,077,311</b>	<b>1,088,300</b>	<b>995,469</b>	<b>1,386,550</b>

**Authorized Positions**

Accounting Assistant	1	1	2	2
Accounting Assistant 1	1	-	-	-
Administrative Analyst	1	1	1	1
Accounting Administrator	-	-	-	1
Billing Analyst	-	-	-	1
Cash Management Analyst	1	1	1	1
Cost Analyst	-	-	-	1
Financial Analyst	2	2	2	2
Manager of Treasury	1	1	1	1
Principal Account Clerk	2	2	1	1
Treasury Receivables Administratc	1	1	1	1
<b>Total Authorized Positions</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>12</b>

**Budget Unit****Description**

The Finance Department's Budget Unit is led by the Manager of Budget, who is responsible for managing all aspects of the budgeting process to ensure proper development and execution of the annual Operating and Capital Improvement Budgets. Activities include annual budget process development, budget reporting, development, analysis, and monitoring of multiple budget programs; fixed asset analyses; review and maintenance of project appropriations; tracking and forecasting expenditures; and all budget related management analyses.

**Budget Commentary**

The Budget Unit's adopted budget for 2022 totals \$485,547, a decrease of \$4,853 or 1.0% below the 2021 adopted level.

**Payroll: (\$53)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in *longevity*.

**Operations: (\$4,800)**

- *Printing* expenditures decrease as the department distributes more electronic versions of the budget book, offset by an alignment in *Office Supplies* and *Dues & Membership* with historical spending.



## Budget Unit

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	432,734	473,800	437,367	474,047
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	125	300	-	-
	<i><b>Total Payroll</b></i>	<b>432,859</b>	<b>474,100</b>	<b>437,367</b>	<b>474,047</b>
	<i><b>Operations</b></i>				
511050	Employee Education Program	317	500	5,490	500
511100	Seminars & Conventions	1,905	2,500	1,120	2,500
511210	Books & Periodicals	-	-	178	-
511220	Dues & Memberships	150	300	420	500
512080	Outside Services	2,478	-	-	-
513010	Office Supplies	713	1,000	2,288	3,000
519100	Printing	8,093	12,000	2,993	5,000
	<i><b>Total Operations</b></i>	<b>13,656</b>	<b>16,300</b>	<b>12,489</b>	<b>11,500</b>
	<i><b>Total Expenditure Classification</b></i>	<b>446,515</b>	<b>490,400</b>	<b>449,856</b>	<b>485,547</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 49%	218,800	240,300	210,736	237,900
	Water Allocation 51%	227,715	250,100	239,120	247,647
	<i><b>Total Funding Allocation</b></i>	<b>446,515</b>	<b>490,400</b>	<b>449,856</b>	<b>485,547</b>
	<i><b>Authorized Positions</b></i>				
	Financial Analyst	2	2	2	2
	Manager of Budgeting & Analysis	1	1	1	1
	Senior Financial Analyst	1	1	1	1
	<i><b>Total Authorized Positions</b></i>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Procurement****Description**

The Procurement unit is led by the Manager of Procurement, who is responsible for managing all Procurement-related activities to ensure goods and services are procured in compliance with our Charter and Ordinances, as well as any applicable Local, State and Federal regulations. Activities include: Sourcing goods and services for all operating and capital improvement requirements across the organization; implementing and managing the "Procure-to-Pay" process for construction and related capital improvement projects; administering a company-wide purchase card program; issuing all contracts and confirming purchase orders; maintaining the vendor database; and guiding internal and external stakeholders on the "Procure to Pay" process.

**Budget Commentary**

The adopted 2021 Procurement budget is \$990,157, an increase of \$156,457 or 18.8% above the 2021 adopted level.

**Payroll: \$151,157**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees and funding the Manger of Procurement position, offset by a reduction in *temporary help*.
- *Longevity Pay* has decreased due to participation.

**Operations: \$5,300**

- Various allotments are decreasing, *Seminars & Conventions*, *Meeting Expenses* and *Legal Advertising*, offset by an increase in *Outside Services*, align with anticipated spend for the coming year.

## Procurement

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	833,447	758,200	757,787	917,557
501030	Overtime 100%	460	2,700	-	-
501040	Overtime 150%	41	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Help	-	5,400	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,500	800	700	700
	<b>Total Payroll</b>	<b>835,448</b>	<b>767,100</b>	<b>758,487</b>	<b>918,257</b>
	<b><i>Operations</i></b>				
511100	Seminars & Conventions	8	2,500	-	2,000
511120	Meeting Expenses	80	500	-	300
511210	Books & Periodicals	-	100	59	100
512080	Outside Services	47,056	50,000	73,343	60,000
512110	Legal Advertising	2,776	10,000	4,131	6,000
513010	Office Supplies	2,035	3,500	3,133	3,500
	<b>Total Operations</b>	<b>51,955</b>	<b>66,600</b>	<b>80,666</b>	<b>71,900</b>
	<b>Total Expenditure Classification</b>	<b>887,403</b>	<b>833,700</b>	<b>839,153</b>	<b>990,157</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	434,800	408,500	392,911	485,200
	Water Allocation 51%	452,603	425,200	446,242	504,957
	<b>Total Funding Allocation</b>	<b>887,403</b>	<b>833,700</b>	<b>839,153</b>	<b>990,157</b>
	<b><i>Authorized Positions</i></b>				
	Compliance Analyst	1	1	1	1
	Contract Specialist	3	3	3	3
	Manager of Procurement	-	-	-	1
	Procurement Specialist	1	1	1	1
	Strategic Sourcing Specialist	1	1	1	1
	Senior Buyer	1	-	-	-
	<b>Total Authorized Positions</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>7</b>

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**Customer Service****Description**

Finance's Customer Service Unit is led by the Manager of Customer Service, who is responsible for all aspects of customer service, including the customer call center and the administration of water services customer billing. Activities include: direct interaction with customers via phone and email; establishment of customer payment plans; management of all customer account data, scheduling of utility services appointments, and review and issuance of monthly customer water billing.

**Budget Commentary**

The Customer Service adopted budget for 2022 totals \$2,034,797 reflecting a decrease of \$121,303 or 5.6% below the 2021 adopted level.

**Payroll: (\$154,403)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a headcount and overtime reduction.
- *Longevity Pay* has decreased due to participation.

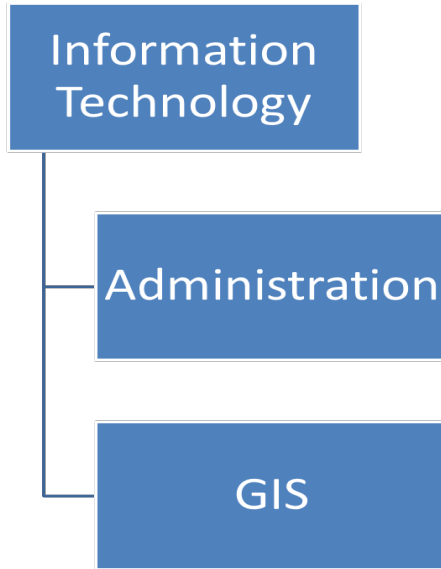
**Operations: \$34,100**

- Various allotments are decreasing due to the non-renewal of contracts for high-speed printers and mailing equipment as more customers elect electronic billing correspondence; offset by an increase in *Outside Services* and *Equipment Leases* based on current monthly billing expenditures.

## Customer Service

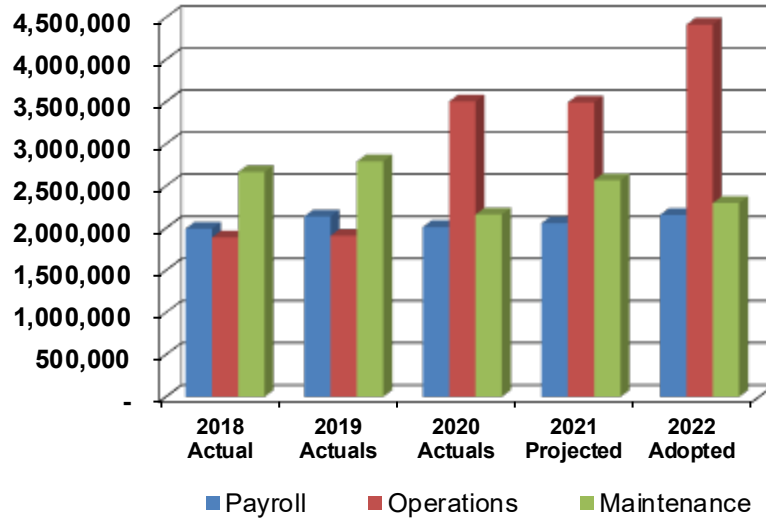
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	1,105,316	1,216,200	1,028,956	1,075,072
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	12,284	25,000	4,672	15,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Help	-	2,000	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	4,325	4,300	3,025	3,025
	<i><b>Total Payroll</b></i>	<b>1,121,925</b>	<b>1,247,500</b>	<b>1,036,653</b>	<b>1,093,097</b>
	<i><b>Operations</b></i>				
511010	Clothing Allowance	750	-	325	400
511120	Meeting Expenses	154	600	-	300
512080	Outside Services	704,946	825,000	740,749	850,000
513010	Office Supplies	5,319	7,500	2,241	5,000
519020	Postage	35,100	40,000	40,000	40,000
519030	Envelopes	-	10,000	3,858	6,000
519100	Printing	-	2,500	-	-
523130	Photocopier Rental	15,897	13,000	13,996	13,000
523140	Other Equipment Rental	47,570	4,000	213	-
523160	Equipment Leases	-	-	14,025	22,000
	<i><b>Total Operations</b></i>	<b>809,736</b>	<b>902,600</b>	<b>815,407</b>	<b>936,700</b>
	<i><b>Maintenance</b></i>				
521050	Office Furniture & Equipment	8,598	6,000	1,489	5,000
	<i><b>Total Maintenance</b></i>	<b>8,598</b>	<b>6,000</b>	<b>1,489</b>	<b>5,000</b>
	<i><b>Total Expenditure Classification</b></i>	<b>1,940,259</b>	<b>2,156,100</b>	<b>1,853,549</b>	<b>2,034,797</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 49%	950,700	1,056,500	865,335	997,100
	Water Allocation 51%	989,559	1,099,600	988,214	1,037,697
	<i><b>Total Funding Allocation</b></i>	<b>1,940,259</b>	<b>2,156,100</b>	<b>1,853,549</b>	<b>2,034,797</b>
	<i><b>Authorized Positions</b></i>				
	Administrative Assistant	1	1	1	1
	Customer Services Rep.	7	7	6	6
	Customer Services Supervisor	1	1	1	1
	Manager of Customer Service	1	1	1	1
	Principal Account Clerk	3	3	3	3
	Senior Customer Services Rep.	1	1	-	-
	<i><b>Total Authorized Positions</b></i>	<b>14</b>	<b>14</b>	<b>12</b>	<b>12</b>

**Information Technology**  
Administration  
Geographic Information System

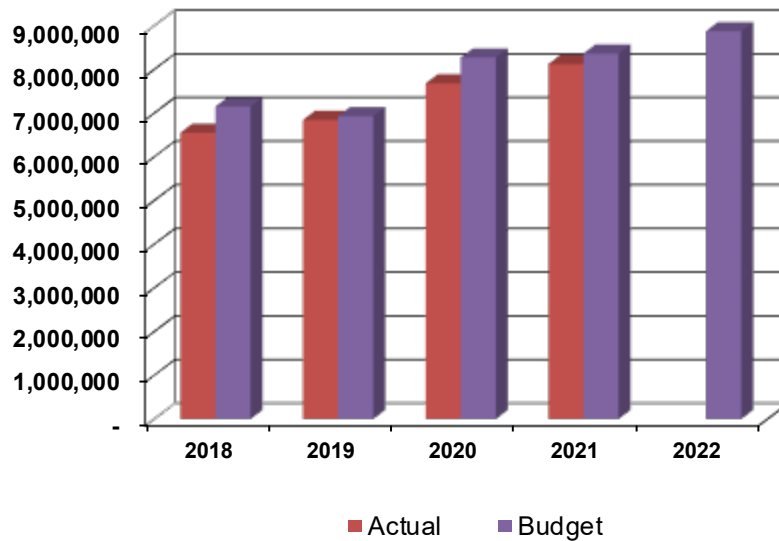


# Information Technology

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	1,994,757	2,140,983	2,013,900	2,059,339	2,158,980
Operations	1,890,211	1,911,015	3,504,698	3,492,514	4,416,600
Maintenance	2,668,212	2,794,214	2,163,652	2,571,339	2,299,400
<b>Total</b>	<b>6,553,180</b>	<b>6,846,212</b>	<b>7,682,250</b>	<b>8,123,192</b>	<b>8,874,980</b>



	2018	2019	2020	2021	2022
Actual	6,553,180	6,846,212	7,682,250	8,123,192	
Budget	7,151,850	6,928,100	8,274,200	8,363,600	8,874,980
<b>Variance</b>	<b>(598,670)</b>	<b>(81,888)</b>	<b>(591,950)</b>	<b>(240,408)</b>	



# Information Technology

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## Summary

### Description

The Information Technology Department consists of two activities: Administration and GIS Services. Information Technology is comprised of Administration which is responsible for District-wide automation and its governance. The Geographic Information Systems Department activity is responsible for broad access to and quality of the District's Geospatial information.

### Budget Commentary

The adopted Information Technology budget totals \$8,874,980, reflecting an increase of \$511,380 or a 6.1% increase above the operating expenditure level adopted for the 2021 year. Details regarding the two activity budgets that comprise the Information Technology Department — Administration and GIS Services — are on subsequent pages.

# Information Technology

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	7,029,426	7,681,300	7,496,687	8,264,013
GIS	652,824	682,300	626,505	610,967
<b><i>Total Summary by Activity</i></b>	<b>7,682,250</b>	<b>8,363,600</b>	<b>8,123,192</b>	<b>8,874,980</b>
<b><i>Summary by Major Accounts</i></b>				
<b>Payroll</b>				
Regular Pay	1,938,427	2,040,300	2,026,912	2,109,155
Overtime 100%	18,209	-	14,798	16,000
Overtime 150%	53,039	79,600	13,204	30,000
Overtime 200%	-	-	-	-
Temporary Help	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	4,225	4,700	4,425	3,825
<b><i>Total Payroll</i></b>	<b>2,013,900</b>	<b>2,124,600</b>	<b>2,059,339</b>	<b>2,158,980</b>
Operations	3,595,664	3,715,100	3,560,215	4,485,600
Maintenance	2,072,686	2,523,900	2,503,638	2,230,400
Capital Outlay	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>7,682,250</b>	<b>8,363,600</b>	<b>8,123,192</b>	<b>8,874,980</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 33%	2,535,100	2,760,000	2,493,197	2,928,700
Water Allocation 67%	5,147,150	5,603,600	5,629,995	5,946,280
<b><i>Total Funding Allocation</i></b>	<b>7,682,250</b>	<b>8,363,600</b>	<b>8,123,192</b>	<b>8,874,980</b>
<b><i>Authorized Positions</i></b>				
Administration	11	11	11	12
GIS	6	6	6	5
<b><i>Total Authorized Positions</i></b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>

# Information Technology

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## Administration

### Description

The Information Technology Department is responsible for providing the infrastructure for automation. IT implements the governance for the use of networks and operating systems, and it assists the operational units by providing them with the functionality they need. IT is also responsible for safeguarding the confidentiality, integrity, and availability of information systems, identity, and data assets.

### Budget Commentary

The adopted Information Technology budget in 2022 is \$8,264,013, which is an increase of \$582,713 or 7.6% above the adopted 2021 level.

#### **Payroll: \$105,713**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees and an increase in headcount, offset by a reduction in *Overtime*.
- *Longevity Pay* has decreased due to participation.

#### **Operations: \$770,500**

- *Information System Professional Fees* increase reflects supportive services provided by Utegration and SAP's Application Management Services (AMS),
- A net increase in *Mobile Communications, Telephone Voice & Data Lines*, and *Infrastructure Equipment/Licenses* reflects the expansion of machine-to-machine devices with IoT (Internet of Things). Standardizing IoT ensures interoperable & cost-effective solutions throughout the organization.
- *Subscription-Based Services account* absorbs costs previously reported in *Outside Services, Books & Periodicals*, and *Information System R&M* for proper classification of expenses with respect to GASB 96, which guides the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users.

#### **Maintenance: (\$293,500)**

- Communications Equipment R&M increase reflects supportive services with Cohesity to simplify backup and recovery of data sources on a single platform, reducing TCO and increasing the District's resiliency.
- *Information System R&M* is decreasing to correctly classify expenses previously reported in *Operations*.

# Information Technology

## Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	1,378,952	1,464,300	1,451,291	1,604,613
501030	Overtime 100%	14,204	-	14,288	15,000
501040	Overtime 150%	28,516	79,600	13,204	30,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,300	1,400	1,300	1,400
	<b>Total Payroll</b>	<b>1,422,972</b>	<b>1,545,300</b>	<b>1,480,083</b>	<b>1,651,013</b>
<b><i>Operations</i></b>					
511020	Mileage Allowance	-	500	70	500
511030	Meals Allowance	20	200	10	200
511050	Employee Education Program	12,103	15,000	14,346	15,000
511070	Employee Reimbursement	-	-	531	-
511100	Seminars & Conventions	55	300	-	300
511110	Business Travel	-	2,500	-	2,500
511120	Meeting Expenses	372	500	165	500
511210	Books & Periodicals	25,298	27,000	25,260	1,000
511220	Dues & Memberships	5,782	6,000	2,715	6,000
512080	Outside Services	359,530	380,000	404,875	232,000
512210	Information System Professional Fee	1,881,554	1,915,500	1,769,898	2,410,000
513010	Office Supplies	3,968	3,000	1,687	3,000
514110	Telephone Voice & Data Lines	742,154	755,000	756,156	745,000
514120	Mobile Communications	355,627	350,000	365,632	375,000
521190	Infrastructure Equip/Licenses	90,966	60,000	67,701	65,000
523130	Photocopier Rental	55,934	67,000	60,017	67,000
523160	Equipment Leases	57,358	100,000	89,303	100,000
TBD	Subscription Based Services	-	-	-	430,000
	<b>Total Operations</b>	<b>3,590,721</b>	<b>3,682,500</b>	<b>3,558,366</b>	<b>4,453,000</b>
<b><i>Maintenance</i></b>					
522020	Communications Equipment R&M	360,525	353,500	473,827	420,000
522030	Information System R&M	1,655,208	2,100,000	1,984,411	1,740,000
	<b>Total Maintenance</b>	<b>2,015,733</b>	<b>2,453,500</b>	<b>2,458,238</b>	<b>2,160,000</b>
	<b>Total Expenditure Classification</b>	<b>7,029,426</b>	<b>7,681,300</b>	<b>7,496,687</b>	<b>8,264,013</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 33%	2,319,700	2,534,800	2,300,050	2,727,100
	Water Allocation 67%	4,709,726	5,146,500	5,196,637	5,536,913
	<b>Total Funding Allocation</b>	<b>7,029,426</b>	<b>7,681,300</b>	<b>7,496,687</b>	<b>8,264,013</b>

### Authorized Positions

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Business Systems Analyst	4	4	4	5
Business Systems & Security Admi	1	1	1	1
Director of Information Services	1	1	1	1
Information Tech. Project Manager	1	1	1	1
Manager of Information Services	1	1	1	1
Network Analyst	3	3	3	3
<b>Total Authorized Positions</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>12</b>

# Information Technology

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## GIS

### Description

The Geographic Information System Department is responsible for providing broad access to geospatial data and applications throughout the District and the public and is responsible for the quality and integrity of geospatial data. Additionally, its detailed land base GIS data is shared with the District's member towns for use in their GIS applications.

### Budget Commentary

The GIS Services adopted budget for 2022 is \$610,967, a decrease of \$71,333 or 10.5% below the 2021 adopted level.

#### **Payroll: (\$71,333)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in headcount.
- *Longevity Pay* has decreased due to participation.

#### **Operations: \$0**

- *The 2022 budget is unchanged from the prior year.*

#### **Maintenance: \$0**

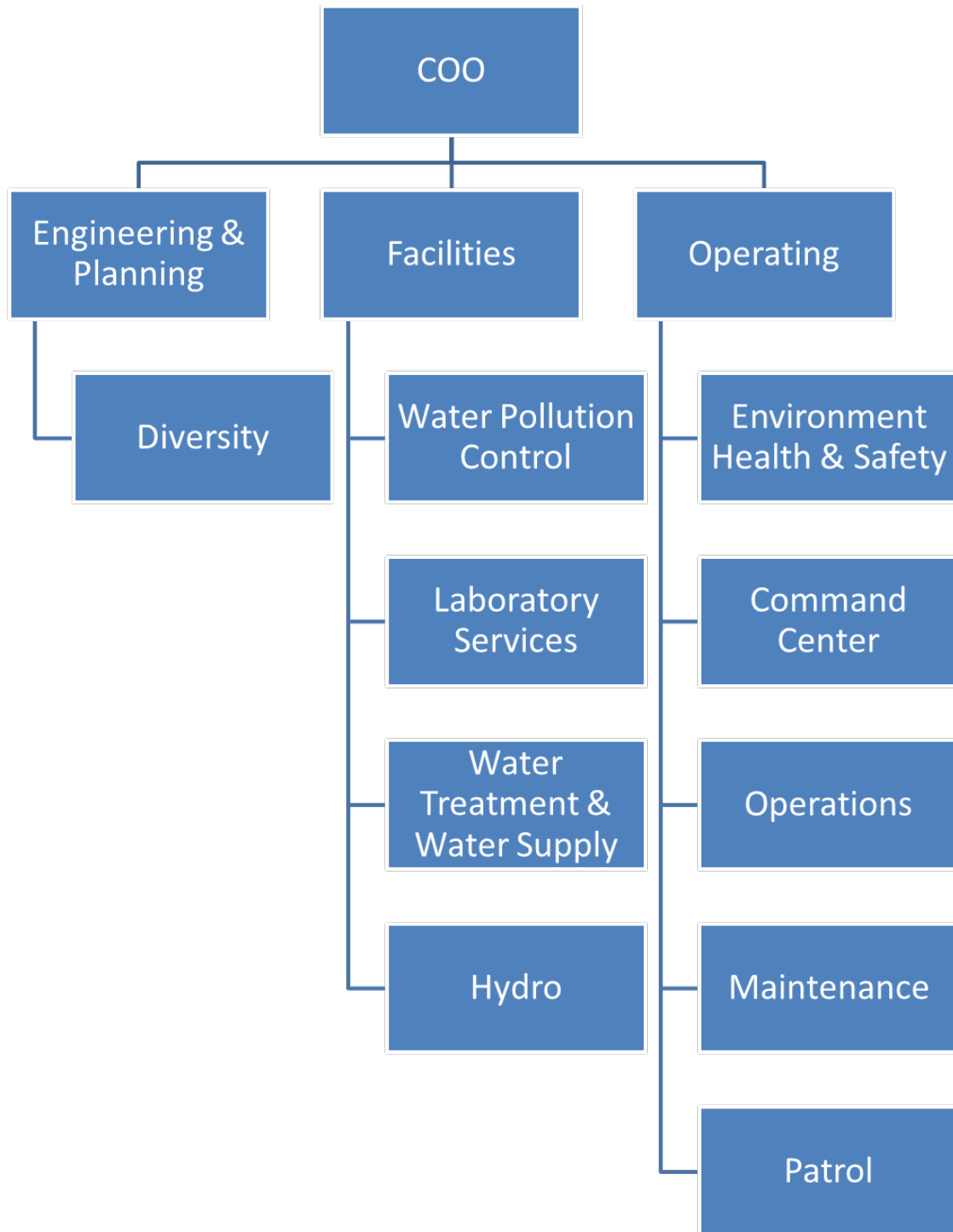
- *The 2022 budget is unchanged from the prior year.*

# Information Technology

## GIS

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	559,475	576,000	575,621	504,542
501030	Overtime 100%	4,005	-	510	1,000
501040	Overtime 150%	24,523	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	2,925	3,300	3,125	2,425
	<b><i>Total Payroll</i></b>	<b>590,928</b>	<b>579,300</b>	<b>579,256</b>	<b>507,967</b>
	<b><i>Operations</i></b>				
511070	Employee Reimbursement	336	-	-	-
511100	Seminars & Conventions	350	700	99	700
511220	Dues & Memberships	780	500	-	500
512080	Outside Services	2,478	10,200	-	10,200
513010	Office Supplies	-	-	926	2,000
513060	Information Systems Supplies	-	13,200	-	11,200
519100	Printing	999	4,000	824	4,000
522020	Communications Equipment R&M	-	4,000	-	4,000
	<b><i>Total Operations</i></b>	<b>4,943</b>	<b>32,600</b>	<b>1,849</b>	<b>32,600</b>
	<b><i>Maintenance</i></b>				
521080	Tool & Work Equipment	-	1,600	-	1,600
522150	Gis R&M	56,953	68,800	45,400	68,800
	<b><i>Total Maintenance</i></b>	<b>56,953</b>	<b>70,400</b>	<b>45,400</b>	<b>70,400</b>
	<b><i>Total Expenditure Classification</i></b>	<b>652,824</b>	<b>682,300</b>	<b>626,505</b>	<b>610,967</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 33%	215,400	225,200	193,147	201,600
	Water Allocation 67%	437,424	457,100	433,358	409,367
	<b><i>Total Funding Allocation</i></b>	<b>652,824</b>	<b>682,300</b>	<b>626,505</b>	<b>610,967</b>
	<b><i>Authorized Positions</i></b>				
	Principal GIS Analyst	2	2	2	2
	GIS Analyst	1	1	1	1
	Mapping Technician	3	3	3	2
	<b><i>Total Authorized Positions</i></b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>5</b>

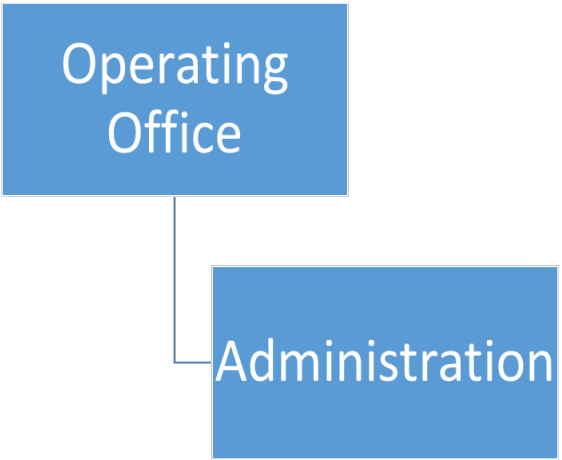
Operating Office  
Engineering & Planning  
Environment, Health & Safety  
Command Center  
Diversity  
Operations  
Laboratory Services  
Water Pollution Control  
Maintenance  
Water Treatment & Supply  
Patrol  
Hydro





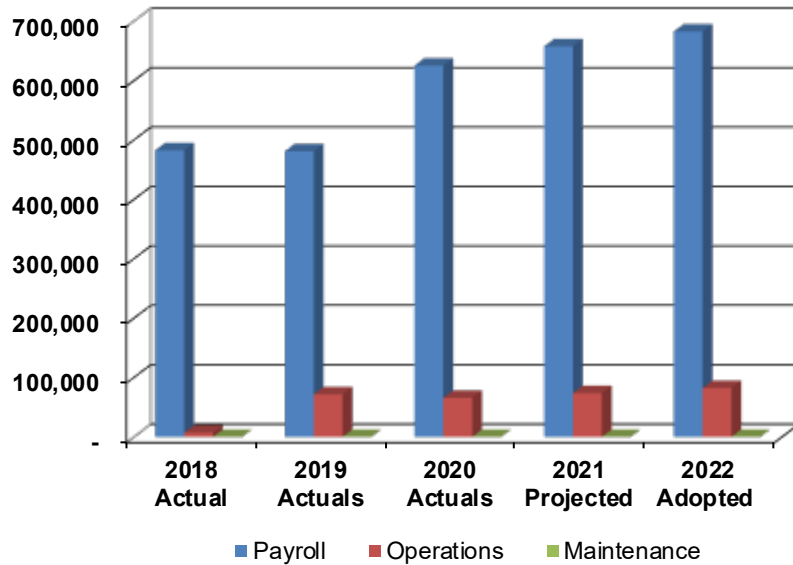
# **Operating Office**

Administration

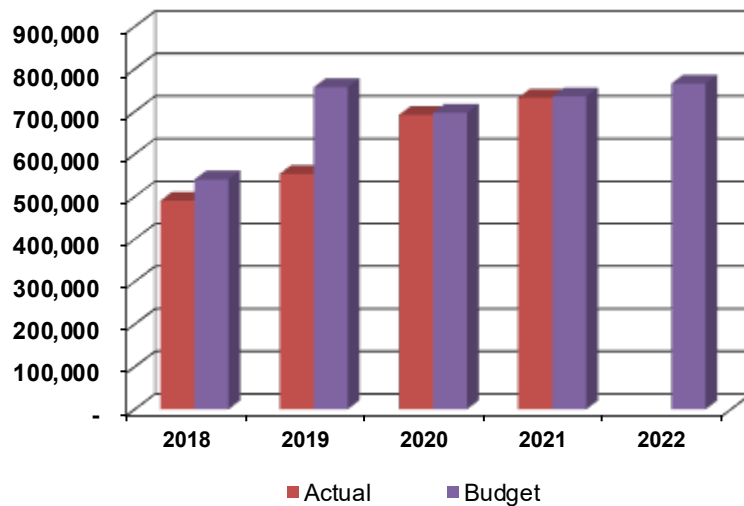


# Operating Office

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	482,706	481,252	625,650	657,987	682,954
Operations	7,266	71,980	65,890	74,133	82,400
Maintenance	-	-	-	-	-
<b>Total</b>	<b>489,973</b>	<b>553,232</b>	<b>691,540</b>	<b>732,120</b>	<b>765,354</b>



	2018	2019	2020	2021	2022
Actual	489,973	553,232	691,540	732,120	
Budget	539,900	757,000	697,000	735,400	765,354
<b>Variance</b>	<b>(49,927)</b>	<b>(203,768)</b>	<b>(5,460)</b>	<b>(3,280)</b>	

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**Administration****Description**

The Operating Office is responsible for overseeing all of the District's Operating departments: Environment, Health & Safety, Command Center, Operations, Laboratory Services, Water Pollution Control, Maintenance, Water Treatment & Water Supply, Patrol and Hydro.

**Budget Commentary**

The Operating Office – Administration adopted budget for 2022 totals \$765,354, increasing by \$29,954 or 4.1% above the 2021 adopted level.

**Payroll: \$29,954**

- *Regular Pay* includes increases, cost of living increments for eligible employees.

**Operations: \$0**

- The 2022 budget is unchanged from the prior year.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	613,185	649,700	651,316	679,704
501030	Overtime 100%	1,273	-	1,203	-
501040	Overtime 150%	10,242	2,200	4,518	2,200
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	950	1,100	950	1,050
	<b>Total Payroll</b>	<b>625,650</b>	<b>653,000</b>	<b>657,987</b>	<b>682,954</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	-	500	-	400
511020	Mileage Allowance	168	-	120	100
511050	Employee Education Program	51,830	66,400	67,380	66,400
511100	Seminars & Conventions	3,000	4,000	199	4,000
511120	Meeting Expenses	1,063	4,000	3,048	4,000
511220	Dues & Memberships	285	2,000	-	2,000
512070	Consultant Services	-	-	-	-
512080	Outside Services	4,638	-	-	-
512840	Licenses & Registration	-	1,500	-	1,500
513080	Communication Equipment & Supp.	275	-	-	-
511070	Employee Reimbursement	93	-	-	-
513010	Office Supplies	4,538	4,000	3,386	4,000
	<b>Total Operations</b>	<b>65,890</b>	<b>82,400</b>	<b>74,133</b>	<b>82,400</b>
	<b>Total Expenditure Classification</b>	<b>691,540</b>	<b>735,400</b>	<b>732,120</b>	<b>765,354</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 49%	338,900	360,300	358,700	375,000
	Water Allocation 51%	352,640	375,100	373,420	390,354
		<b>691,540</b>	<b>735,400</b>	<b>732,120</b>	<b>765,354</b>
<b><i>Authorized Positions</i></b>					
	Administrative Assistant	1	1	1	1
	Director of Facilities	1	1	1	1
	Chief Operating Officer (COO)	1	1	1	1
	Professional Level Trainee	1	1	-	-
	Professional Level Associate	-	-	1	1
	<b>Total Authorized Positions</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

# **Engineering & Planning**

Administration

Diversity

Technical Services

Engineering Services

Construction Services

Inspection Services

# Engineering & Planning

Administration

Diversity

Inspection Services

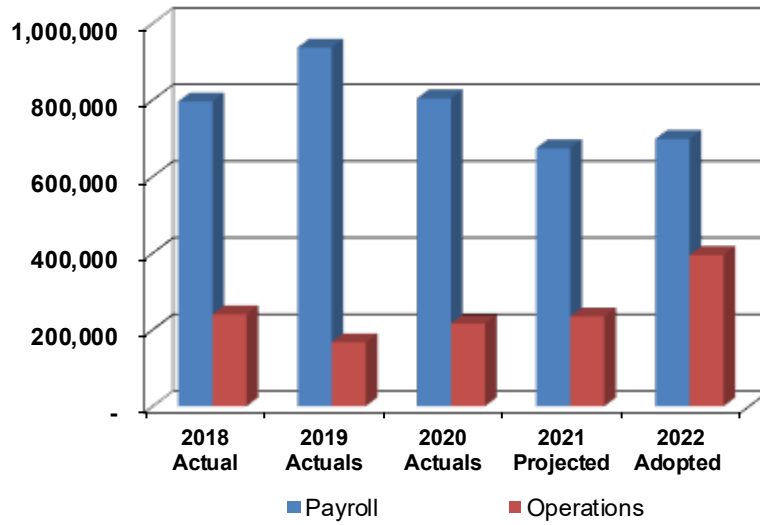
Engineering Services

Construction Services

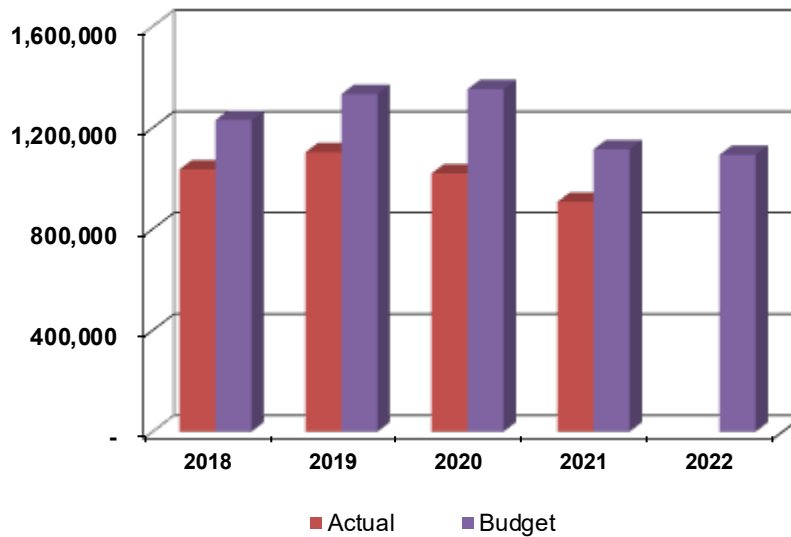
Technical Services

# Engineering & Planning

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	795,756	936,790	804,039	673,670	698,032
Operations	239,908	166,997	216,032	234,407	395,100
<b>Total</b>	<b>1,035,664</b>	<b>1,103,787</b>	<b>1,020,071</b>	<b>908,077</b>	<b>1,093,132</b>



	2018	2019	2020	2021	2022
Actual	1,035,664	1,103,787	1,020,071	908,077	
Budget	1,230,500	1,333,400	1,352,900	1,115,300	1,093,132
Variance	(194,836)	(229,613)	(332,829)	(207,223)	



# **Engineering & Planning**

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## **Summary**

### **Description**

The Engineering and Planning Department in 2022 consists of: Administration, Diversity, Inspection Services, Engineering Services, Construction Services and Technical Services.

### **Budget Commentary**

The adopted Engineering & Planning budget for 2022 is \$1,093,132, a decrease of \$22,168 or 2% below the budget level adopted for 2021. Budget details for the activities comprising the Engineering and Planning department follow.

# Engineering & Planning

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	854,293	924,200	745,896	908,668
Diversity	165,778	191,100	162,181	184,464
<b>Total Summary by Activity</b>	<b>1,020,071</b>	<b>1,115,300</b>	<b>908,077</b>	<b>1,093,132</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	800,889	706,100	671,795	694,532
Overtime 100%	-	-	-	-
Overtime 150%	-	500	-	500
Overtime 200%	-	-	-	-
Temporary Help	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	3,150	3,100	1,875	3,000
<b>Total Payroll</b>	<b>804,039</b>	<b>709,700</b>	<b>673,670</b>	<b>698,032</b>
Operations	216,032	405,600	234,407	395,100
Maintenance	-	-	-	-
Capital	-	-	-	-
<b>Total Summary by Major Account</b>	<b>1,020,071</b>	<b>1,115,300</b>	<b>908,077</b>	<b>1,093,132</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 49%	499,800	546,500	446,792	535,600
Water Allocation 51%	520,271	568,800	461,285	557,532
<b>Total Funding Allocation</b>	<b>1,020,071</b>	<b>1,115,300</b>	<b>908,077</b>	<b>1,093,132</b>
<b><i>Authorized Positions</i></b>				
Administration	5	4	4	4
Diversity	1	1	1	1
<b>Total Authorized Positions</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>

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**Administration****Description**

The Administration activity headed by the Director of Engineering and Planning, is responsible for the overall management of the department's major activities: Diversity, Technical Services, Engineering Services, Construction Services and Inspection Services. In this role, Administration develops and administers department-wide policies and allocates available resources to maximize operational efficiency and assure achievement of departmental goals and objectives.

The Director is also directly involved in the day-to-day administration and management of the District's Capital Improvement Plan, Clean Water Project and the planning of additional, related improvements.

**Budget Commentary**

The Engineering and Planning Administration adopted budget for 2022 is \$908,668, a decrease of \$15,532 or 1.7% below the expenditure level adopted for 2021.

**Payroll: (\$15,532)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by net savings from hiring new employees at a lower position than what was budgeted.

**Operations: \$0**

- No change in the budget for 2022 due to realignment of the expenses.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	647,241	547,800	515,364	532,318
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	500	-	500
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	2,900	2,800	1,625	2,750
	<b>Total Payroll</b>	<b>650,141</b>	<b>551,100</b>	<b>516,989</b>	<b>535,568</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	227	500	-	500
511020	Mileage Allowance	-	2,500	-	1,800
511050	Employee Education Program	140	-	232	1,000
511070	Employee Reimbursement	34	-	-	-
511100	Seminars & Conventions	1,787	4,000	3,455	4,000
511110	Business Travel	30	-	-	-
511120	Meeting Expenses	66	1,000	96	1,000
511210	Books & Periodicals	158	1,000	965	1,000
511220	Dues & Memberships	5,712	6,500	6,460	6,500
511250	Other Additional Taxable Comp.	6,000	-	392	-
512070	Consultant Services	99,218	200,000	127,075	200,000
512080	Outside Services	28,939	100,000	9,692	100,000
512220	Engineering Professional Fees	20,867	8,400	7,980	8,400
512840	Licenses & Registration	9,165	1,500	1,122	1,500
513010	Office Supplies	11,626	12,000	10,411	12,000
513080	Communication Equipment & Supp.	20	400	-	100
513120	Safety Supplies	-	300	-	300
513150	Survey Const. Supplies	20,163	30,000	47,211	30,000
513400	Small Tools & Equipment	-	2,000	-	2,000
513690	Materials From Stock	-	3,000	100	3,000
521190	Infrastructure Equip/Licenses	-	-	13,716	-
	<b>Total Operations</b>	<b>204,152</b>	<b>373,100</b>	<b>228,907</b>	<b>373,100</b>
	<b>Total Expenditure Classification</b>	<b>854,293</b>	<b>924,200</b>	<b>745,896</b>	<b>908,668</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 49%	418,600	452,900	366,922	445,200
	Water Allocation 51%	435,693	471,300	378,974	463,468
		<b>854,293</b>	<b>924,200</b>	<b>745,896</b>	<b>908,668</b>
<b><i>Authorized Positions</i></b>					
	Administrative Clerk	1	1	1	1
	Director of Engineering & Planning	1	1	1	1
	Sr. Engineering Drafter	2	1	1	1
	Project Control Manager	1	-	-	-
	Contract Administrator	-	1	1	1
	<b>Total Authorized Positions</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>

**Diversity****Description**

The Office of Diversity is responsible for the fair and vigorous enforcement of the District's anti-discrimination, employment and supplier/vendor diversity policies and practices and to promote cultural awareness, understanding and respect within the District's working environment.

**Budget Commentary**

The adopted Diversity 2022 budget is \$184,464, a decrease of \$6,636, or 3.5% below the 2021 adopted level.

**Payroll: \$3,864**

- *Regular Pay* includes cost-of-living increases for eligible employees.

**Operations: (\$10,500)**

- *Diversity Programs* has decreased based on historical spending.

Diversity

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	153,648	158,300	156,431	162,214
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	250	300	250	250
	<b><i>Total Payroll</i></b>	<b>153,898</b>	<b>158,600</b>	<b>156,681</b>	<b>162,464</b>
	<b><i>Operations</i></b>				
511100	Seminars & Conventions	-	1,000	500	1,000
511110	Business Travel	-	500	-	500
511220	Dues & Memberships	-	1,000	-	500
512070	Consultant Services	-	10,000	-	10,000
519080	Diversity Programs	11,880	20,000	5,000	10,000
	<b><i>Total Operations</i></b>	<b>11,880</b>	<b>32,500</b>	<b>5,500</b>	<b>22,000</b>
	<b><i>Total Expenditure Classification</i></b>	<b>165,778</b>	<b>191,100</b>	<b>162,181</b>	<b>184,464</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	81,200	93,600	79,870	90,400
	Water Allocation 51%	84,578	97,500	82,311	94,064
	<b><i>Total Funding Allocation</i></b>	<b>165,778</b>	<b>191,100</b>	<b>162,181</b>	<b>184,464</b>
	<b><i>Authorized Positions</i></b>				
	Diversity Manager	1	1	1	1
	<b><i>Total Authorized Positions</i></b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

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**Inspection Services****Description/Budget Commentary**

The Inspection Services department is a part of the Capital Improvement Program. Specific projects and details are in the 2022 Capital Improvement Budget. There are 8 positions budgeted for the full 2022 Capital Improvement Program budget year.

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**Engineering Services****Description/Budget Commentary**

The Engineering Services department is a part of the Capital Improvement Program. Specific projects and details are in the 2022 Capital Improvement Budget. There are 15 positions budgeted for the full 2022 Capital Improvement Program budget year.



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**Construction Services****Description/Budget Commentary**

The Construction Services department is a part of the Capital Improvement Program. Specific projects and details are in the 2022 Capital Improvement Budget. There are 5 positions budgeted for the full 2022 Capital Improvement Program year.

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**Technical Services****Description/Budget Commentary**

The Technical Services department is a part of the Capital Improvement Program. Specific projects and details are in the 2022 Capital Improvement Budget. There are 19 positions budgeted for the full 2022 Capital Improvement Program budget year.

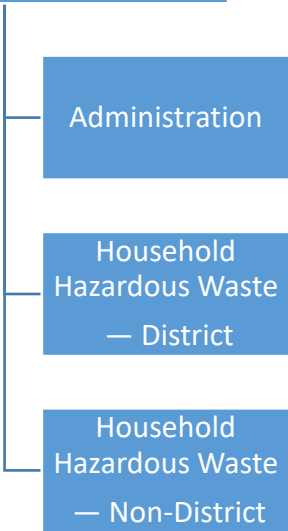
# **Environment, Health & Safety**

Administration

Household Hazardous Waste — District

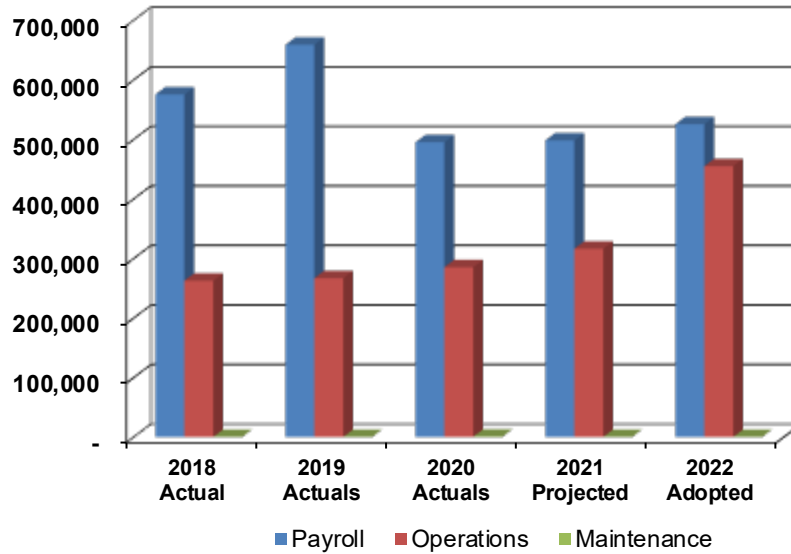
Household Hazardous Waste — Non-District

Environment,  
Health & Safety

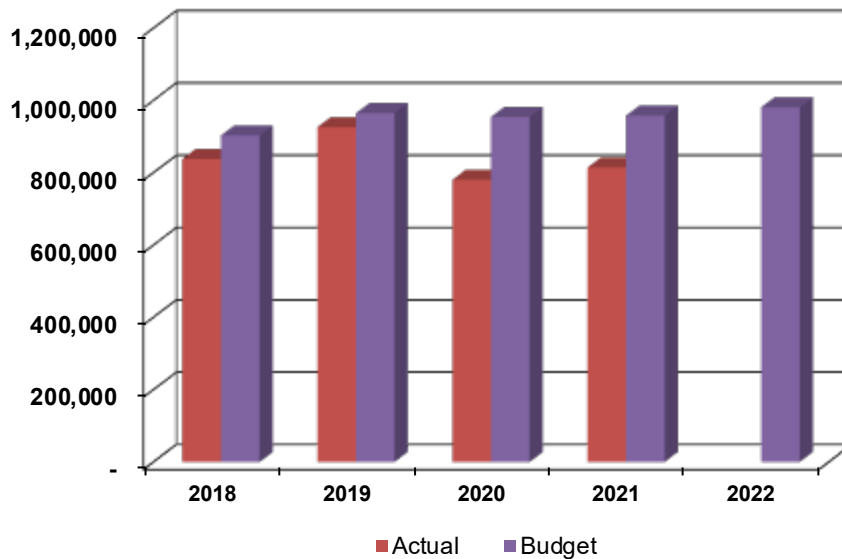


# Environment, Health & Safety

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	575,265	658,981	495,116	498,215	525,618
Operations	262,400	266,800	285,074	316,231	455,100
Maintenance	-	-	405	-	-
<b>Total</b>	<b>837,666</b>	<b>925,781</b>	<b>780,595</b>	<b>814,446</b>	<b>980,718</b>



	2018	2019	2020	2021	2022
Actual	837,666	925,781	780,595	814,446	
Budget	902,700	964,800	954,000	957,900	980,718
<b>Variance</b>	<b>(65,034)</b>	<b>(39,019)</b>	<b>(173,405)</b>	<b>(143,454)</b>	

# **Environment, Health & Safety**

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## **Summary**

### **Description**

The Environment, Health & Safety Department consists of three major activities: Administration, Household Hazardous Waste-District and Household Hazardous Waste-Non-District. A discussion regarding the specific duties and objectives of the Environment, Health & Safety Department is included on the following pages.

### **Budget Commentary**

The Environment, Health & Safety adopted budget for 2022 totals \$980,718, an increase of \$22,818 or 2.4% above the 2021 adopted level. Budget details for the activities comprising the Environment, Health & Safety Department follow.

# Environment, Health & Safety

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	562,674	671,300	599,617	682,418
HHW District	195,725	258,500	195,542	270,200
HHW Non-District	22,196	28,100	19,287	28,100
<b><i>Total Summary by Activity</i></b>	<b>780,595</b>	<b>957,900</b>	<b>814,446</b>	<b>980,718</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	486,262	493,000	489,758	502,893
Overtime 100%	509	-	-	-
Overtime 150%	6,882	9,000	7,203	11,000
Overtime 200%	-	-	-	-
Temporary Help	-	10,000	-	10,000
Standby & Premium Pay	-	-	-	-
Longevity Pay	1,463	1,500	1,400	1,725
<b><i>Total Payroll</i></b>	<b>495,116</b>	<b>513,500</b>	<b>498,361</b>	<b>525,618</b>
Operations	285,074	444,400	316,085	455,100
Maintenance	405	-	-	-
Capital Outlay	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>780,595</b>	<b>957,900</b>	<b>814,446</b>	<b>980,718</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 49%	382,500	469,400	352,629	480,600
Water Allocation 51%	398,095	488,500	461,817	500,118
<b><i>Total Funding Allocation</i></b>	<b>780,595</b>	<b>957,900</b>	<b>814,446</b>	<b>980,718</b>
<b><i>Authorized Positions</i></b>				
Administration	4	4	4	4
HHW District	-	-	-	-
HHW Non-District	-	-	-	-
<b><i>Total Authorized Positions</i></b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Administration****Description**

The District's Environment, Health & Safety (EH&S) Department is responsible for the management and administration of environmental, health, and safety programs and activities on a District-wide basis. The EH&S Department is responsible for OSHA, EPA, and DEEP compliance, environmental permits and consent order compliance, safety training, environmental reporting, safety and environmental auditing, risk management, and the Household Hazardous Waste Program. EH&S provides safety and health programs to prevent workplace injuries and illnesses. Proactively EH&S provides training, researches proposed regulations/standards, visits job/worksites to review compliance and is a resource for a wide variety of environmental and safety questions and issues.

**Budget Commentary**

The adopted Environment, Health & Safety budget for 2022 totals \$682,418, an increase of \$11,118 or 1.7% above the 2021 adopted level.

**Payroll: \$10,118**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Longevity* has increased based upon participation.

**Operations: \$1,000**

- *Medical Services* are expected to increase slightly based upon resuming regular scheduled testing that was delayed during the pandemic.
- *Safety Supplies and Soil testing* are expected to slightly decrease based upon historical spend.



**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	486,262	493,000	489,161	502,893
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	817	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	10,000	-	10,000
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,463	1,500	1,400	1,725
	<i><b>Total Payroll</b></i>	<b>488,542</b>	<b>504,500</b>	<b>490,561</b>	<b>514,618</b>
	<i><b>Operations</b></i>				
503010	Medical Services	14,515	45,000	8,363	55,000
511050	Employee Education Program	1,055	-	11,100	-
511070	Employee Reimbursement	5	-	-	-
511100	Seminars & Conventions	1,287	2,000	398	3,000
511120	Meeting Expenses	402	1,000	157	1,000
511220	Dues & Memberships	1,991	2,000	855	2,000
512070	Consultant Services	1,000	25,000	3,104	25,000
512080	Outside Services	2,360	3,000	484	3,000
512710	Outside Testing & Lab Services	-	10,000	1,223	10,000
512720	Soil Testing	507	5,000	-	1,000
512840	Licenses & Registration	-	600	570	600
513010	Office Supplies	4,170	3,000	2,827	2,000
513020	Janitorial Supplies	69	-	-	-
513120	Safety Supplies	46,191	70,000	79,975	65,000
513400	Small Tools & Equipment	175	200	-	200
	<i><b>Total Operations</b></i>	<b>73,727</b>	<b>166,800</b>	<b>109,056</b>	<b>167,800</b>
	<i><b>Maintenance</b></i>				
522170	Sewer Maintenance	405	-	-	-
	<i><b>Total Maintenance</b></i>	<b>405</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<i><b>Total Expenditure Classification</b></i>	<b>562,674</b>	<b>671,300</b>	<b>599,617</b>	<b>682,418</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 49%	275,700	328,900	259,111	334,400
	Water Allocation 51%	286,974	342,400	340,506	348,018
	<i><b>Total Funding Allocation</b></i>	<b>562,674</b>	<b>671,300</b>	<b>599,617</b>	<b>682,418</b>
	<i><b>Authorized Positions</b></i>				
	Manager of EH&S	1	1	1	1
	Occupational Health & Safety Analyst	1	1	1	1
	Project Manager	1	1	1	1
	Professional Level Trainee	1	1	1	1
	<i><b>Total Authorized Positions</b></i>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Household Hazardous Waste — District****Description**

The Household Hazardous Waste (HHW) program provides member towns (and non-member towns, see 2310010030) with hazardous waste collection and disposal services at scheduled regional collection events. A licensed hazardous materials-handling firm, under contract to the District, provides collection and disposal services. Staff's duties include budgeting, planning, scheduling, contract administration, collection day supervision, business development, advertising, coordination of the program with the participating towns and overall management of the program. The objective of the Household Hazardous Waste program is to provide a cost-effective, convenient, safe and environmentally responsible process for residents of participating towns to dispose of hazardous wastes.

**Budget Commentary**

The HHW District adopted budget for 2022 totals \$270,200, which is above the 2021 adopted level by \$11,700, an increase of 4.5%

**Payroll: \$2,000**

- *Overtime* includes cost-of-living increases for eligible employees.

**Operations: \$9,700**

- Expenses increased to reflect the rise in rates to dispose of Hazardous Waste Materials in the coming year because of increased participation from prior year.

Household Hazardous Waste — District

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	-	-	451	-
501030	Overtime 100%	509	-	-	-
501040	Overtime 150%	5,302	8,000	6,402	10,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<b><i>Total Payroll</i></b>	<b>5,811</b>	<b>8,000</b>	<b>6,853</b>	<b>10,000</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	-	300	568	100
511120	Meeting Expenses	895	800	639	800
511240	Public Information	6,575	15,000	4,898	1,000
512410	Refuse Collection & Disposal	7,238	12,000	7,815	11,000
512450	Hazard Material Waste Disposal	173,017	220,000	173,414	230,000
513010	Office Supplies	968	200	16	100
513070	Public Information Supplies	-	2,000	1,339	2,000
513120	Safety Supplies	18	-	-	-
519090	Advertising	1,203	-	-	15,000
521020	Safety Equipment	-	200	-	200
	<b><i>Total Operations</i></b>	<b>189,914</b>	<b>250,500</b>	<b>188,689</b>	<b>260,200</b>
	<b><i>Total Expenditure Classification</i></b>	<b>195,725</b>	<b>258,500</b>	<b>195,542</b>	<b>270,200</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	95,900	126,700	85,061	132,400
	Water Allocation 51%	99,825	131,800	110,481	137,800
	<b><i>Total Funding Allocation</i></b>	<b>195,725</b>	<b>258,500</b>	<b>195,542</b>	<b>270,200</b>

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**Household Hazardous Waste — Non-District****Description**

The Household Hazardous Waste (HHW) program also provides participating non-member towns with hazardous waste collection and disposal services at scheduled regional collection events. A licensed hazardous material handling firm, under contract to the District, provides collection and disposal services. Staff's duties include budgeting, planning, scheduling, contract administration, collection day supervision, business development, advertising, coordination of the program with the participating towns and overall management of the program.

**Budget Commentary**

The HHW Non-District adopted budget for 2022 remains unchanged at \$28,100. The cost of these events are billed to non-district communities, which is reflected in revenue.

**Payroll: \$0**

- No change in the budget for 2022.

**Operations: \$0**

- No change in the budget for 2022.

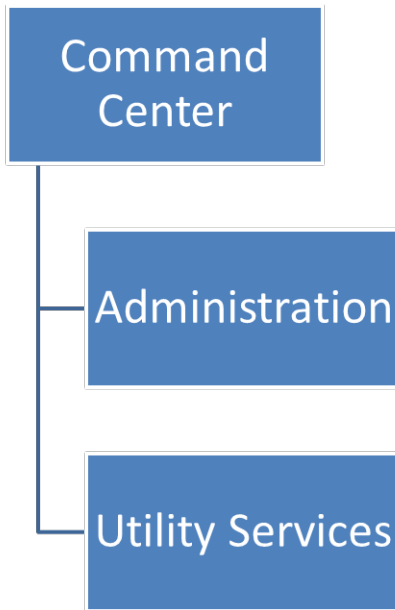
Household Hazardous Waste — Non-District

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	-	-	146	-
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	763	1,000	801	1,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<b><i>Total Payroll</i></b>	<b>763</b>	<b>1,000</b>	<b>947</b>	<b>1,000</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	-	100	-	100
511120	Meeting Expenses	-	200	-	200
511240	Public Information	-	1,000	432	-
512410	Refuse Collection & Disposal	1,937	1,100	882	1,100
512450	Hazard Material Waste Disposal	19,191	24,000	17,026	24,000
513010	Office Supplies	-	100	-	100
513070	Public Information Supplies	-	500	-	500
519090	Advertising	305	-	-	1,000
521020	Safety Equipment	-	100	-	100
	<b><i>Total Operations</i></b>	<b>21,433</b>	<b>27,100</b>	<b>18,340</b>	<b>27,100</b>
	<b><i>Total Expenditure Classification</i></b>	<b>22,196</b>	<b>28,100</b>	<b>19,287</b>	<b>28,100</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	10,900	13,800	8,457	13,800
	Water Allocation 51%	11,296	14,300	10,830	14,300
	<b><i>Total Funding Allocation</i></b>	<b>22,196</b>	<b>28,100</b>	<b>19,287</b>	<b>28,100</b>

# **Command Center**

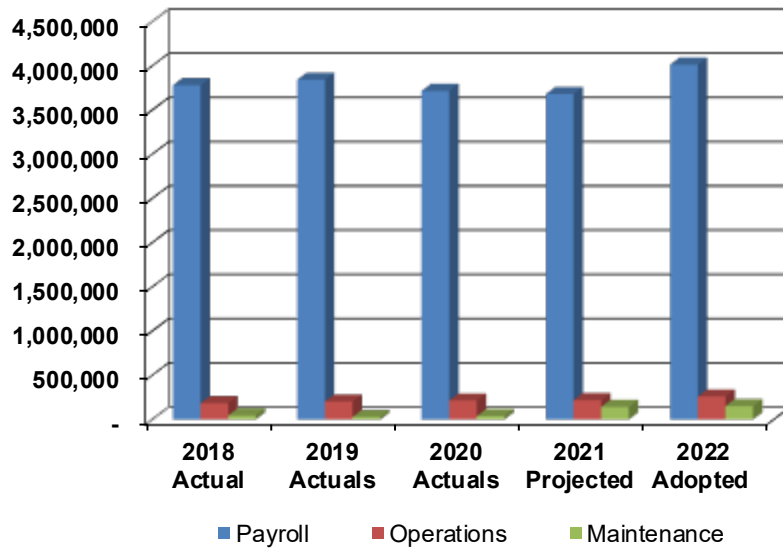
Administration

Utility Services

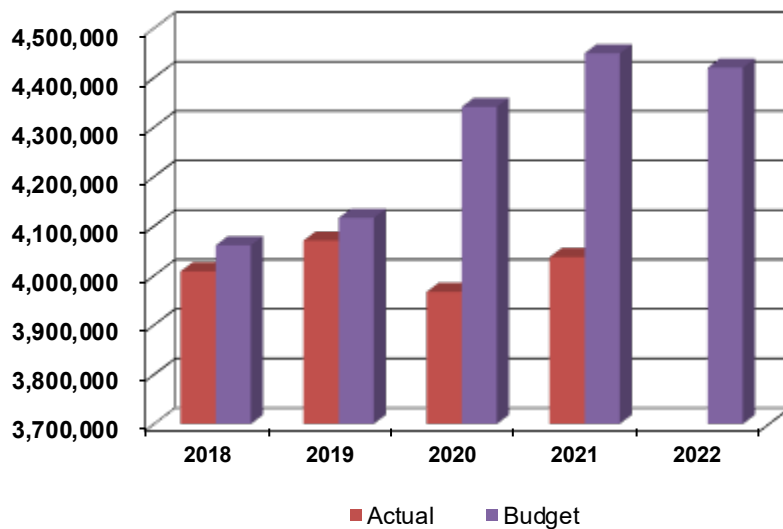


# Command Center

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	3,779,999	3,841,281	3,714,869	3,679,554	4,011,695
Operations	182,994	201,778	213,814	217,015	258,300
Maintenance	45,470	27,388	38,252	140,806	150,000
<b>Total</b>	<b>4,008,463</b>	<b>4,070,447</b>	<b>3,966,935</b>	<b>4,037,375</b>	<b>4,419,995</b>



	2018	2019	2020	2021	2022
Actual	4,008,463	4,070,447	3,966,935	4,037,375	
Budget	4,060,900	4,116,300	4,340,600	4,449,000	4,419,995
<b>Variance</b>	<b>(52,437)</b>	<b>(45,853)</b>	<b>(373,665)</b>	<b>(411,625)</b>	



# Command Center

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## Summary

### Description

The Command Center, headed by the Manager of Command Center, oversees the Administration activity and Utility Services activity. In addition, the Command Center Department is responsible for responding to all customer-related emergencies and shift operations for emergency standby.

### Budget Commentary

The overall adopted Command Center budget for 2022 is \$4,419,995, a decrease of \$29,005 or 0.7% below the budget adopted for 2021. Budget details for the activities comprising the Command Center department follow.

# Command Center

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Command Center	2,174,928	2,407,900	2,279,274	2,321,604
Utility Services	1,792,007	2,041,100	1,758,101	2,098,391
<b><i>Total Summary by Activity</i></b>	<b>3,966,935</b>	<b>4,449,000</b>	<b>4,037,375</b>	<b>4,419,995</b>
<b><i>Summary by Major Accounts</i></b>				
<b>Payroll</b>				
Regular Pay	3,085,489	3,447,000	3,066,625	3,345,695
Overtime 100%	-	-	-	-
Overtime 150%	462,980	500,400	451,688	540,000
Overtime 200%	77,211	61,900	71,797	70,000
Temporary Help	-	-	-	-
Standby & Premium Pay	76,676	40,500	78,569	44,000
Longevity Pay	12,513	13,100	10,875	12,000
<b><i>Total Payroll</i></b>	<b>3,714,869</b>	<b>4,062,900</b>	<b>3,679,554</b>	<b>4,011,695</b>
Operations	213,814	243,300	217,015	258,300
Maintenance	38,252	142,800	140,806	150,000
Capital Outlay	-	-	-	-
<b><i>Total Summary by Major Account:</i></b>	<b>3,966,935</b>	<b>4,449,000</b>	<b>4,037,375</b>	<b>4,419,995</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 34%	1,348,800	1,512,700	1,305,554	1,502,800
Water Allocation 66%	2,618,135	2,936,300	2,731,821	2,917,195
<b><i>Total Funding Allocation</i></b>	<b>3,966,935</b>	<b>4,449,000</b>	<b>4,037,375</b>	<b>4,419,995</b>
<b><i>Authorized Positions</i></b>				
Command Center	19	18	18	17
Utility Services	16	16	16	16
<b><i>Total Authorized Positions</i></b>	<b>35</b>	<b>34</b>	<b>34</b>	<b>33</b>

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**Administration****Description**

The Command Center is responsible for responding to all customer-related emergencies and shift operations for emergency standby.

**Budget Commentary**

The adopted Command Center - Administration budget for 2022 totals \$2,321,604, which is a decrease of \$86,296 or 3.6% below the 2021 adopted level.

**Payroll: (\$96,296)**

- *Regular Pay, Overtime and Standby & Premium* includes increments and cost-of-living increases for eligible employees, offset by a reduction in headcount.
- *Longevity Pay* has decreased based upon participation.

**Operations: \$4,000**

- *Materials from Stock* increased to align with anticipated spending, offsetting this increase is a reduction in *Communication Equipment & Supplies* based on anticipated spend.
- *Clothing Allowance, Meals Allowance, and Outside Services* slightly increase to reflect the inflationary impact on contractual agreements and goods and services.

**Maintenance: \$6,000**

- A realignment of funding in *Other Maintenance* and *Sewer Maintenance* reflects anticipated spending with an increase in costs.

**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>Payroll</u></b>					
501010	Regular Pay	1,591,356	1,754,600	1,653,727	1,618,229
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	324,894	320,000	273,105	350,000
501050	Overtime 200%	77,211	61,900	71,797	70,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	61,319	31,800	65,429	35,000
501070	Longevity Pay	4,413	4,600	4,175	3,375
	<b>Total Payroll</b>	<b>2,059,193</b>	<b>2,172,900</b>	<b>2,068,233</b>	<b>2,076,604</b>
<b><u>Operations</u></b>					
511010	Clothing Allowance	7,992	5,000	4,760	6,000
511030	Meals Allowance	1,840	5,000	3,942	6,000
511070	Employee Reimbursement	63	-	-	-
511100	Seminars & Conventions	570	-	-	-
511250	Other Additional Taxable Comp.	151	-	-	-
512060	Police Services	-	-	-	-
512080	Outside Services	59,257	68,000	62,680	70,000
513010	Office Supplies	2,707	15,000	13,249	15,000
513020	Janitorial Supplies	7,154	-	-	-
513080	Communication Equipment & Supp.	500	18,000	2,443	14,000
513400	Small Tools & Equipment	325	-	-	-
513690	Materials From Stock	18,605	6,000	4,756	10,000
	<b>Total Operations</b>	<b>99,164</b>	<b>117,000</b>	<b>91,830</b>	<b>121,000</b>
<b><u>Maintenance</u></b>					
521080	Tool & Work Equipment	2,191	9,000	7,571	9,000
522010	Facilities R&M	420	-	896	1,000
522020	Buildings	-	4,000	3,600	4,000
522160	Other Maintenance	-	60,000	-	-
522170	Sewer Maintenance	13,960	45,000	107,144	110,000
	<b>Total Maintenance</b>	<b>16,571</b>	<b>118,000</b>	<b>119,211</b>	<b>124,000</b>
	<b>Total Expenditure Classification</b>	<b>2,174,928</b>	<b>2,407,900</b>	<b>2,279,274</b>	<b>2,321,604</b>
<b><u>Funding Allocation</u></b>					
	Sewer Allocation 34%	739,500	818,700	736,734	789,300
	Water Allocation 66%	1,435,428	1,589,200	1,542,540	1,532,304
	<b>Total Funding Allocation</b>	<b>2,174,928</b>	<b>2,407,900</b>	<b>2,279,274</b>	<b>2,321,604</b>
<b><u>Authorized Positions</u></b>					
	Administrative Clerk	2	2	2	2
	Claims Agent	2	1	1	-
	Command Center Senior Superviso	1	1	1	1
	Manager of Command Center	1	1	1	1
	Utility Maintainer 1	-	-	2	2
	Utility Maintainer 2	4	4	4	4
	Utility Maintenance Crew Leader	3	3	2	2
	Utility Operations Shift Maintainer	3	3	1	1
	Utility Maintenance Supervisor	3	3	4	4
	<b>Total Authorized Positions</b>	<b>19</b>	<b>18</b>	<b>18</b>	<b>17</b>

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**Utility Services****Description**

Working out of the District's Maxim Road Facility, the Utility Services activity is responsible for the FOG program, permitting, and inspection of all new connections to the District's sewage collection and water distribution systems. Field inspectors prepare detailed records of each connection, including sketches of underground service piping used by District forces and/or private contractors when repairs are needed. Utility Services is also responsible for maintaining facility records and the associated task of marking out underground facilities as mandated under Connecticut's "Call Before You Dig" program. Utility Services also assists in handling inquiries and complaints through on-site investigations of services and mainline facilities. The office staff reviews plans for proposed residential, commercial, and industrial water and sewer connections. In addition, the activity tracks private contractor licenses, insurance, and bonding and enforces District ordinances regarding permitting requirements for both water and sewer.

Utility Services also coordinates private fire hydrant maintenance, water meter installation, dye testing, and investigations. In addition, the activity is responsible for the Cross-connection inspection of all required facilities with the MDC service area. Cross Connections maintains a database with facility, device, and testing information. The yearly DPH report is compiled with this information and is submitted on behalf of the MDC.

**Budget Commentary**

The adopted Utility Services department budget for 2022 totals \$2,098,391 an increase of \$57,291 or 2.8% above the 2021 adopted level.

**Payroll: \$45,091**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Overtime Pay* and *Standby & Premium Pay* have increased due to the historical increase of town projects, Housing/Commercial developments, and the response needed for all Emergency Call Before You Dig mark-outs.
- *Longevity Pay* has increased based upon participation.

**Operations: \$11,000**

- *Call Before You Dig* increased to reflect the cost of operating the program.
- Various other allotments, *Clothing Allowance*, *Meals Allowance*, *Office Supplies*, *Materials from Stock*, and *Small Tools & Equipment*, are changing to align with historical spending.

**Maintenance: \$1,200**

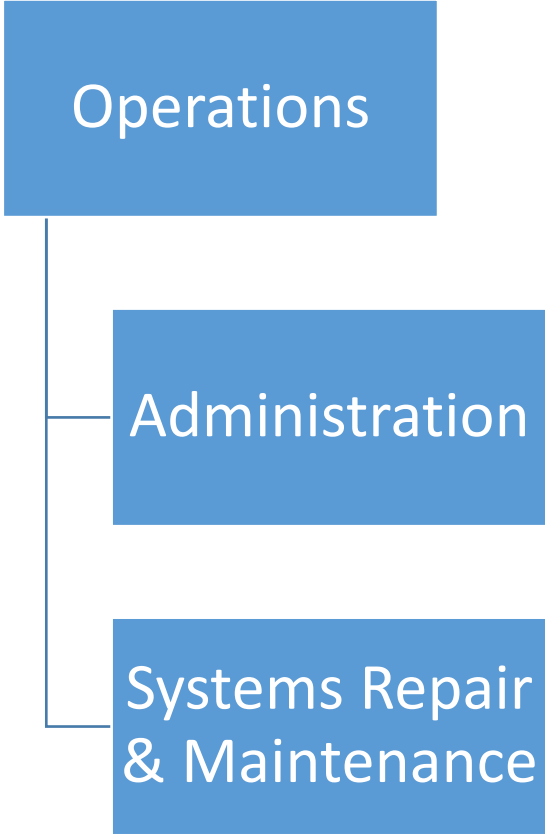
- *Tool & Work Equipment* expenditures are expected to increase slightly.

Utility Services

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	1,494,133	1,692,400	1,412,898	1,727,466
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	138,086	180,400	178,583	190,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	15,357	8,700	13,140	9,000
501070	Longevity Pay	8,100	8,500	6,700	8,625
	<b>Total Payroll</b>	<b>1,655,676</b>	<b>1,890,000</b>	<b>1,611,321</b>	<b>1,935,091</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	5,474	7,500	7,230	8,000
511030	Meals Allowance	879	300	223	800
511100	Seminars & Conventions	672	2,500	199	2,500
511220	Dues & Memberships	348	3,000	1,382	3,000
512060	Police Services	747	-	-	-
512360	Call Before You Dig Fee	89,130	101,000	90,745	104,000
512840	Licenses & Registration	154	-	-	-
513010	Office Supplies	7,370	-	1,316	1,000
513400	Small Tools & Equipment	9,038	2,000	486	3,000
513690	Materials From Stock	838	10,000	23,604	15,000
	<b>Total Operations</b>	<b>114,650</b>	<b>126,300</b>	<b>125,185</b>	<b>137,300</b>
<b><i>Maintenance</i></b>					
521080	Tool & Work Equipment	21,681	24,800	21,595	26,000
	<b>Total Maintenance</b>	<b>21,681</b>	<b>24,800</b>	<b>21,595</b>	<b>26,000</b>
	<b>Total Expenditure Classification</b>	<b>1,792,007</b>	<b>2,041,100</b>	<b>1,758,101</b>	<b>2,098,391</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 34%	609,300	694,000	568,820	713,500
	Water Allocation 66%	1,182,707	1,347,100	1,189,281	1,384,891
	<b>Total Funding Allocation</b>	<b>1,792,007</b>	<b>2,041,100</b>	<b>1,758,101</b>	<b>2,098,391</b>
<b><i>Authorized Positions</i></b>					
	Construction & Utility Svces Supv.	-	-	-	1
	Cross Connection Tech 1	2	2	2	1
	Cross Connection Tech 2	2	2	2	1
	Customer Services Supervisor	1	1	1	-
	Engineering Technician 2	1	-	-	-
	Engineering Technician 3	1	2	2	-
	Environmental Analyst 2	1	1	1	1
	Project Engineer 2	1	1	1	1
	Senior Utility Services Technician	2	2	2	2
	Utility Maintenance Supervisor	-	-	-	1
	Utility Services Eng Technician	5	5	5	8
	<b>Total Authorized Positions</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>

# **Operations**

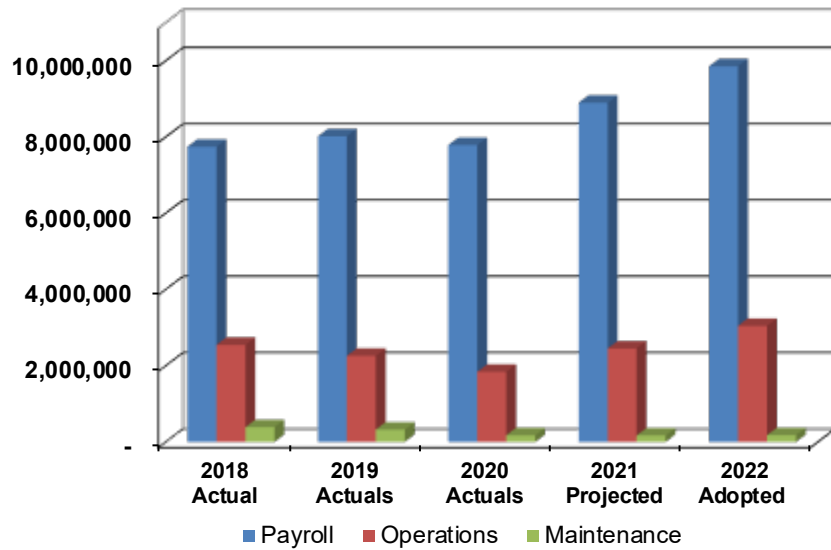
Administration  
Systems Repair & Maintenance



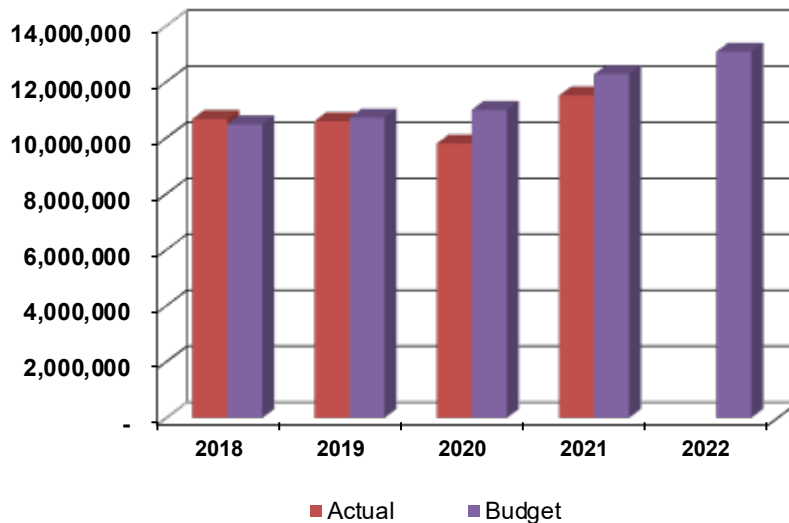


# Operations

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	7,742,359	8,017,795	7,786,271	8,893,795	9,852,634
Operations	2,545,775	2,258,364	1,838,829	2,452,756	3,044,600
Maintenance	388,497	322,234	173,634	168,515	177,000
<b>Total</b>	<b>10,676,631</b>	<b>10,598,393</b>	<b>9,798,734</b>	<b>11,515,066</b>	<b>13,074,234</b>



	2018	2019	2020	2021	2022
Actual	10,676,631	10,598,393	9,798,734	11,515,066	
Budget	10,476,300	10,721,600	11,000,600	12,275,100	13,074,234
Variance	200,331	(123,207)	(1,201,866)	(760,034)	

# Operations

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## Summary

### Description

The Operations Department is responsible for operating, repairing, and maintaining the water distribution and sewage collection systems within the District's service area. Additional responsibilities include fire hydrant maintenance, water metering, and other related activities.

### Budget Commentary

The adopted Operations Department budget for the coming year is \$13,074,234, increasing \$799,134 or 6.5% above the 2021 adopted level. Budget details on Operations' activities follow.

# Operations

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	125,740	191,600	181,852	195,482
Systems Repair	9,672,994	12,083,500	11,333,214	12,878,752
<b>Total Summary by Activity</b>	<b>9,798,734</b>	<b>12,275,100</b>	<b>11,515,066</b>	<b>13,074,234</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	6,505,288	8,036,600	7,295,476	8,172,509
Overtime 100%	-	-	-	-
Overtime 150%	641,583	785,300	791,551	800,000
Overtime 200%	568,325	700,000	722,840	800,000
Temporary Help	-	-	-	-
Standby & Premium Pay	64,900	42,700	74,100	69,000
Longevity Pay	6,175	11,900	9,828	11,125
<b>Total Payroll</b>	<b>7,786,271</b>	<b>9,576,500</b>	<b>8,893,795</b>	<b>9,852,634</b>
Operations	1,839,169	2,523,600	2,454,346	3,046,600
Maintenance	173,294	175,000	166,925	175,000
Capital Outlay	-	-	-	-
<b>Total Summary by Major Account</b>	<b>9,798,734</b>	<b>12,275,100</b>	<b>11,515,066</b>	<b>13,074,234</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 25%	2,449,600	3,068,800	2,699,217	3,268,600
Water Allocation 75%	7,349,134	9,206,300	8,815,849	9,805,634
<b>Total Funding Allocation</b>	<b>9,798,734</b>	<b>12,275,100</b>	<b>11,515,066</b>	<b>13,074,234</b>
<b><i>Authorized Positions</i></b>				
Administration	1	1	1	1
Systems Repair	76	88	88	88
<b>Total Authorized Positions</b>	<b>77</b>	<b>89</b>	<b>89</b>	<b>89</b>

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**Administration****Description**

The Operations Administration unit is responsible for the overall administration and management of the various activities and special programs.

**Budget Commentary**

The adopted Operations Administration budget for 2022 is \$195,482, increasing by \$3,882 or 2.0% above the expenditure level adopted for 2021.

**Payroll: \$3,882**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: \$0**

- The overall funding of operations activity is unchanged for 2022.

**Maintenance: \$0**

- The budget is unchanged for 2022.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	114,673	180,300	172,896	184,182
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	800	800	800	800
	<b>Total Payroll</b>	<b>115,473</b>	<b>181,100</b>	<b>173,696</b>	<b>184,982</b>
	<b><i>Operations</i></b>				
511100	Seminars & Conventions	5,405	7,000	6,293	7,000
511220	Dues & Memberships	120	500	120	1,000
511250	Other Additional Taxable Comp.	1,069	-	-	-
512060	Police Services	747	-	-	-
512840	Licenses & Registration	191	1,000	623	500
513010	Office Supplies	1,906	2,000	1,120	2,000
513690	Materials From Stock	349	-	-	-
	<b>Total Operations</b>	<b>9,787</b>	<b>10,500</b>	<b>8,156</b>	<b>10,500</b>
	<b><i>Maintenance</i></b>				
521050	Office Furniture Equipment	480	-	-	-
	<b>Total Maintenance</b>	<b>480</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Expenditure Classification</b>	<b>125,740</b>	<b>191,600</b>	<b>181,852</b>	<b>195,482</b>
	<b>Sewer Allocation 25%</b>	<b>31,400</b>	<b>47,900</b>	<b>42,824</b>	<b>48,900</b>
	<b>Water Allocation 75%</b>	<b>94,340</b>	<b>143,700</b>	<b>139,028</b>	<b>146,582</b>
	<b>Total Funding Allocation</b>	<b>125,740</b>	<b>191,600</b>	<b>181,852</b>	<b>195,482</b>
	<b><i>Authorized Positions</i></b>				
	Manager of Operations	1	1	1	1
	<b>Total Authorized Positions</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

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**Systems Repair & Maintenance****Description**

The Systems Repair & Maintenance unit is primarily responsible for the emergency repair of all water distribution and sewer collection systems components. This unit is also responsible for all service connection water taps required by developers and contractors and utility relocation work required by Towns and the State.

The Hydrant Maintenance crews maintain more than 10,700 hydrants, flush more than 1,465 miles of water mains, and aids in addressing water system emergencies.

The Sewer Cleaning crews are responsible for cleaning and inspecting more than 1,250 miles of pipes in the sewer collection system and 5,800 catch basins in Hartford's combined system. Additionally, Gate and Regulator Maintenance crews are responsible for more than 30,200 gates (valves), 36 regulators, 100 check valves, maintenance holes, and other system appurtenances.

The Meter Installation and Repair crews are responsible for installing, testing, and repairing larger water meters, providing turn-off and turn-on services for customers, investigating leaks, assisting in significant shutdowns, and handling emergency pumping.

**Budget Commentary**

The adopted Systems Repair budget for 2022 totals \$12,878,752, increasing by \$795,252 or 6.6% above the adopted level for 2021.

**Payroll: \$272,252**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Overtime Pay* and *Standby & Premium Pay* have increased to align with the increase in town projects, Housing/Commercial developments, and increased demand in the backwater valve program.
- *Longevity Pay* has decreased based upon participation.

**Operations: \$523,000**

- The funding of various allotments, directly impacted by the increase in Town and State projects, are changing for 2022 to align with anticipated spending.
- *Employee Reimbursement* and *Office Furniture* are increasing in 2022.

**Maintenance: \$0**

- Expenditures are unchanged for 2022.

**Systems Repair & Maintenance**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	6,390,615	7,856,300	7,122,580	7,988,327
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	641,583	785,300	791,551	800,000
501050	Overtime 200%	568,325	700,000	722,840	800,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	64,900	42,700	74,100	69,000
501070	Longevity Pay	5,375	11,100	9,028	10,325
	<i><b>Total Payroll</b></i>	<b>7,670,798</b>	<b>9,395,400</b>	<b>8,720,099</b>	<b>9,667,652</b>
	<i><b>Operations</b></i>				
511010	Clothing Allowance	42,722	41,000	51,288	41,000
511030	Meals Allowance	38,797	55,600	40,326	55,600
511050	Employee Education Program	2,899	-	1,041	-
511070	Employee Reimbursement	597	-	160	1,000
511100	Seminars & Conventions	(50)	-	-	-
511250	Other Additional Taxable Comp.	1,912	-	-	-
512060	Police Services	431,552	450,000	463,281	500,000
512080	Outside Services	56,949	30,000	21,528	30,000
512100	Traffic Control/Flagging Services	13,753	206,000	80,339	60,000
512310	Permits	-	-	524	500
512400	Disposal/Removal Fees	25,223	153,000	46,305	60,000
512840	Licenses & Registration	52	-	-	-
513010	Office Supplies	22,378	18,000	20,793	18,000
513020	Janitorial Supplies	288	-	-	-
513040	Laboratory Supplies	590	-	-	-
513080	Communication Equipment & Supp.	633	-	-	-
513120	Safety Supplies	16,175	7,500	4,759	-
513400	Small Tools & Equipment	57,320	55,000	60,590	60,000
513410	Asphalt Products	378	-	-	-
513430	Rock Sand & Dirt	472,973	-	656,760	1,200,000
513520	Pipe Fittings & Valves	-	-	7,290	1,000
513590	Lights & Barricades	4,854	7,000	4,654	7,000
513690	Materials From Stock	639,047	1,490,000	984,962	1,000,000
521050	Office Furniture Equipment	340	-	1,590	2,000
	<i><b>Total Operations</b></i>	<b>1,829,382</b>	<b>2,513,100</b>	<b>2,446,190</b>	<b>3,036,100</b>
	<i><b>Maintenance</b></i>				
521060	Power Operated Equipment	141	-	-	-
521080	Tool & Work Equipment	172,206	175,000	166,925	175,000
521100	Treatment Equipment	467	-	-	-
	<i><b>Total Maintenance</b></i>	<b>172,814</b>	<b>175,000</b>	<b>166,925</b>	<b>175,000</b>
	<i><b>Total Expenditure Classification</b></i>	<b>9,672,994</b>	<b>12,083,500</b>	<b>11,333,214</b>	<b>12,878,752</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 25%	2,418,200	3,020,900	2,656,393	3,219,700
	Water Allocation 75%	7,254,794	9,062,600	8,676,821	9,659,052
	<i><b>Total Funding Allocation</b></i>	<b>9,672,994</b>	<b>12,083,500</b>	<b>11,333,214</b>	<b>12,878,752</b>

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**Systems Repair & Maintenance**

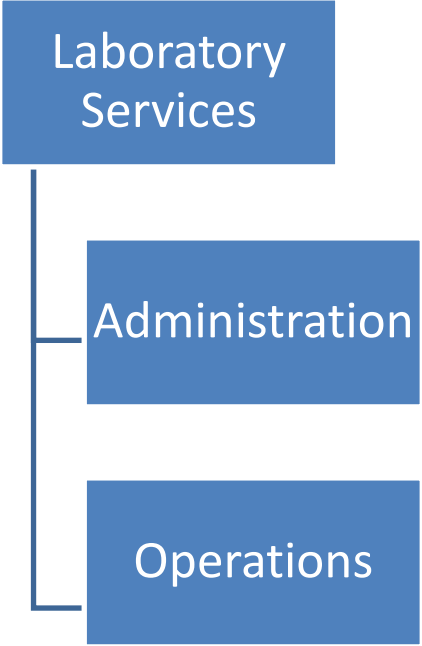

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<i>Authorized Positions</i>	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Administrative Clerk	1	1	1	1
Asst. Systems Maintenance Supt.	1	-	-	-
Asst. Systems Repair Supt.	1	-	-	-
Asst Utility Maint Supt.	-	2	2	2
Customer Service Maintainer 1	3	3	3	3
Electrician 2	1	-	-	-
Equipment Operator 1	4	8	8	8
Gate Maintainer 1	2	-	-	-
Gate Maintainer 2	2	-	-	-
Gate Maintenance Crew Leader	1	-	-	-
Hydrant Maintainer 1	1	2	2	2
Hydrant Maintainer 2	2	1	1	1
Hydrant Maintenance Supervisor	1	-	-	-
Meter Maintenance Crew Leader	1	-	-	-
Meter Reader 1	2	2	2	2
Meter Reader 2	1	1	1	1
Meter Reading Crew Leader	1	1	1	1
Meter Supervisor	1	-	-	-
Senior Clerk	-	1	1	1
Senior Systems Repair Supervisor	1	-	-	-
Sr. Utility Maint. Crew Leader	1	3	1	1
Sr. Utility Maint. Supervisor	-	3	2	2
Sewer Maintenance Crew Leader	6	-	-	-
Sewer Maintenance Supervisor	1	-	-	-
Utility Maintenance Crew Leader	-	7	7	6
Utility Maintenance Supervisor	6	8	10	10
Utility Maintenance Superintendent	1	1	-	1
Utility Maintainer 1	16	14	13	13
Utility Maintainer 2	13	22	25	25
Utility Operations Shift Maintainer	2	2	1	1
Utility Sys. Monitoring Technician	1	-	-	-
Utility Svcs. Monitoring Technician 1	1	3	-	-
Utility Sys. Monitoring Technician 1	-	-	1	1
Utility Sys. Monitoring Technician 2	1	3	6	6
<i>Total Authorized Positions</i>	<b>76</b>	<b>88</b>	<b>88</b>	<b>88</b>



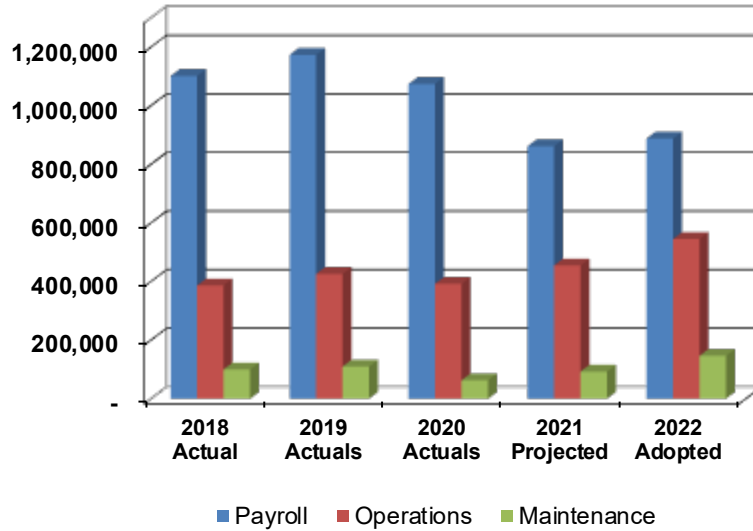
# **Laboratory Services**

Administration  
Operations

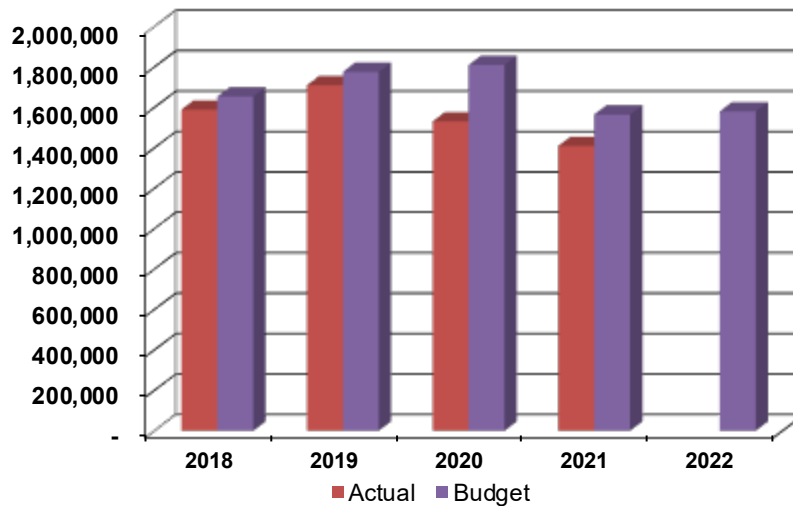


# Laboratory Services

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	1,101,732	1,173,505	1,074,604	861,978	887,954
Operations	386,668	426,094	392,212	454,553	545,100
Maintenance	100,027	109,830	63,233	92,426	146,500
<b>Total</b>	<b>1,588,427</b>	<b>1,709,429</b>	<b>1,530,049</b>	<b>1,408,957</b>	<b>1,579,554</b>



	2018	2019	2020	2021	2022
Actual	1,588,427	1,709,429	1,530,049	1,408,957	
Budget	1,653,300	1,775,600	1,809,300	1,563,900	1,579,554
Variance	(64,873)	(66,171)	(279,251)	(154,943)	

# **Laboratory Services**

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## **Summary**

### **Description**

The Laboratory Services Department is responsible for the extensive testing and analysis of the District's water and wastewater at various locations and at various stages in the process. The Laboratory Services Department conducts more than 140,000 physical chemical and bacteriological tests annually.

### **Budget Commentary**

The Laboratory Services Department adopted budget for 2022 is \$1,579,554 an increase of \$15,654 or 1.0% above the 2021 adopted budget. Budget details regarding the activity and departments follow on the succeeding pages.

# Laboratory Services

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	214,067	142,400	136,175	144,973
Operations	1,315,982	1,421,500	1,272,782	1,434,581
<b>Total</b>	<b>1,530,049</b>	<b>1,563,900</b>	<b>1,408,957</b>	<b>1,579,554</b>
<b><i>Summary by Major Object</i></b>				
<b>Payroll</b>				
Regular Pay	1,036,413	903,600	817,787	836,754
Overtime 100%	-	-	-	-
Overtime 150%	29,194	33,900	39,243	45,000
Overtime 200%	-	-	-	-
Temporary Help	-	-	-	-
Standby & Premium Pay	5,072	2,200	2,648	3,200
Longevity Pay	3,925	3,800	2,300	3,000
<b>Total Payroll</b>	<b>1,074,604</b>	<b>943,500</b>	<b>861,978</b>	<b>887,954</b>
Operations	392,212	479,400	454,553	545,100
Maintenance	63,233	141,000	92,426	146,500
<b>Total Summary by Major Account</b>	<b>1,530,049</b>	<b>1,563,900</b>	<b>1,408,957</b>	<b>1,579,554</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 48%	734,500	750,700	636,820	758,200
Water Allocation 52%	795,549	813,200	772,137	821,354
<b>Total Funding Allocation</b>	<b>1,530,049</b>	<b>1,563,900</b>	<b>1,408,957</b>	<b>1,579,554</b>
<b><i>Authorized Positions</i></b>				
Administration	2	1	1	1
Operations	9	8	8	7
<b>Total Authorized Positions</b>	<b>11</b>	<b>9</b>	<b>9</b>	<b>8</b>

**Administration****Description**

The Administration activity is responsible for the overall administration and management of the various activities and special programs that comprise the Laboratory Services department.

**Budget Commentary**

The Administration adopted budget for 2022 is \$144,973 an increase of 1.8% above the expenditure level adopted for 2021.

**Payroll: \$2,573**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Longevity Pay* is decreasing based upon employee participation.

**Operations: \$0**

- The adopted budget is expected to be unchanged for 2022.

**Maintenance: \$0**

- The adopted budget is expected to be unchanged for 2022.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	211,162	130,400	130,339	133,598
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	750	1,200	575	575
	<b>Total Payroll</b>	<b>211,912</b>	<b>131,600</b>	<b>130,914</b>	<b>134,173</b>
	<b><i>Operations</i></b>				
511070	Employee Reimbursement	389	-	-	-
511100	Seminars & Conventions	605	3,000	1,475	3,000
511220	Dues & Memberships	527	1,800	1,370	1,800
512840	Licenses & Registration	80	500	-	500
513010	Office Supplies	554	3,000	2,416	3,000
519100	Printing	-	1,000	-	1,000
	<b>Total Operations</b>	<b>2,155</b>	<b>9,300</b>	<b>5,261</b>	<b>9,300</b>
	<b><i>Maintenance</i></b>				
521050	Office Furniture Equipment	-	1,500	-	1,500
	<b>Total Maintenance</b>	<b>-</b>	<b>1,500</b>	<b>-</b>	<b>1,500</b>
	<b>Total Expenditure Classification</b>	<b>214,067</b>	<b>142,400</b>	<b>136,175</b>	<b>144,973</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 48%	102,800	68,400	61,591	69,600
	Water Allocation 52%	111,267	74,000	74,584	75,373
	<b>Total Funding Allocation</b>	<b>214,067</b>	<b>142,400</b>	<b>136,175</b>	<b>144,973</b>
	<b><i>Authorized Positions</i></b>				
	Manager of Lab Services	1	-	-	-
	WPC Laboratory Administrator	1	1	1	1
	<b>Total Authorized Positions</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>

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**Operations****Description**

Laboratory Services-Operations is responsible for the laboratories at Reservoir #6 and Hartford Water Pollution Control Facilities.

The Reservoir #6 Laboratory is responsible for the extensive testing and analysis of the District's raw water, water in various stages of treatment, and treated water throughout the distribution system, in accordance with State and Federal requirements. Duties of the laboratory unit include the physical, chemical and biological testing of water samples, the preparation of reports for various regulatory agencies, and the preparation of special reports in response to problem or complaint investigations, and compliance testing to maintain State certification requirements. The Reservoir #6 Water Treatment Facility is the site of the District's water treatment laboratory that enables District staff to undertake additional and more sophisticated water quality testing. Recent security measures have resulted in additional testing requirements on the laboratory.

The Laboratory, located at the Hartford Water Pollution Control Facility, is responsible for testing samples of wastewater and sludge from various locations throughout the Hartford facility and the District's other Water Pollution Control Plants. Biological testing on samples from the District's four WPC facilities is done at the Hartford laboratory, as is the testing and monitoring of septic tank deliveries and sludge from non-member towns.

The routine sampling and testing of wastewater and sludge are performed at the East Hartford, Rocky Hill and Poquonock facilities under the direction of each plant's supervisor. More sophisticated testing, such as ammonia and other nitrogen species, oxygen demand and fecal coliform testing as required by National Pollutant Discharge Elimination System (NPDES) permits, is performed at the Hartford laboratory facility. Special testing on sewage/sludge samples and DEEP-approved industrial wastes is performed as required.

Brainard Road laboratory staff provides process control support and guidance for all WPC facilities. The staff also supports the WPC Administration on environmental issues, reviews industrial NPDES permit applications, advises on sludge processing services, monitors odor emissions, and provides technical assistance for research and development on special projects.



**Operations****Budget Commentary**

The Laboratory Operations adopted budget for 2022 is \$1,434,581 which is increasing by \$13,081 or 0.9% above the expenditure level adopted for 2021.

**Payroll: (\$58,119)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in headcount.
- *Overtime Pay* is increasing based on ongoing lab efforts to maintain drinking water standards during ongoing Operations water main projects. This expenditure is also increasing due to the reduction in headcount which results in the need of more coverage during after hour operations and scheduled time off requests for employees.
- *Longevity Pay* is decreasing based upon employee participation

**Operations: \$65,700**

- *Outside Services* are increased due to the need of outside contractors to support the maintenance and calibration of laboratory equipment.
- *Laboratory Supplies* have increased due to the cost of supplies increasing due to the scarce resources available due to the current supply chain shortage.

**Maintenance: \$5,500**

- *Laboratory Equipment* expenses have increased as the cost of supplies increase as a result of the scarce resources available due to the current supply chain shortage.

# Laboratory Services

2230010020

## Operations

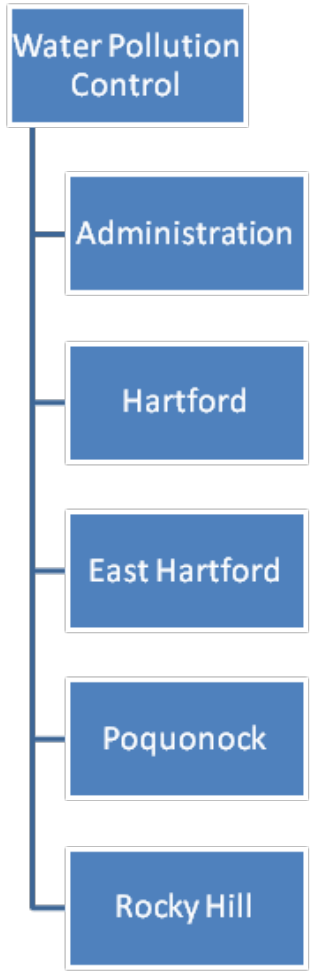
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	825,251	773,200	687,448	703,156
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	29,194	33,900	39,243	45,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	5,072	2,200	2,648	3,200
501070	Longevity Pay	3,175	2,600	1,725	2,425
<b>Total Payroll</b>		<b>862,692</b>	<b>811,900</b>	<b>731,064</b>	<b>753,781</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	2,740	3,000	2,090	2,000
511030	Meals Allowance	-	-	-	-
512040	Labor Litigation Legal Services	-	-	125	-
512080	Outside Services	36,000	50,000	68,462	60,000
512710	Outside Testing & Lab Services	161,876	225,800	183,557	225,800
513010	Office Supplies	4,899	-	-	-
513040	Laboratory Supplies	175,711	183,300	187,181	240,000
513080	Communication Equipment & Supp.	1,426	-	-	-
514030	Pest Control Services	7,405	8,000	7,877	8,000
<b>Total Operations</b>		<b>390,057</b>	<b>470,100</b>	<b>449,292</b>	<b>535,800</b>
<b><i>Maintenance</i></b>					
513540	Tanks	-	5,000	-	5,000
521040	Laboratory Equipment	63,233	134,500	92,101	140,000
521080	Tool & Work Equipment	-	-	325	-
<b>Total Maintenance</b>		<b>63,233</b>	<b>139,500</b>	<b>92,426</b>	<b>145,000</b>
<b>Total Expenditure Classification</b>		<b>1,315,982</b>	<b>1,421,500</b>	<b>1,272,782</b>	<b>1,434,581</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 48%		631,700	682,300	575,229	688,600
Water Allocation 52%		684,282	739,200	697,553	745,981
<b>Total Funding Allocation</b>		<b>1,315,982</b>	<b>1,421,500</b>	<b>1,272,782</b>	<b>1,434,581</b>

### Authorized Positions

Chemist	2	2	2	2
Laboratory Technician	3	3	3	2
Microbiologist	2	1	1	1
Water Treatment Plant Operator	1	1	1	1
WPC Process Analyst	1	1	1	1
<b>Total Authorized Positions</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>7</b>

# **Water Pollution Control**

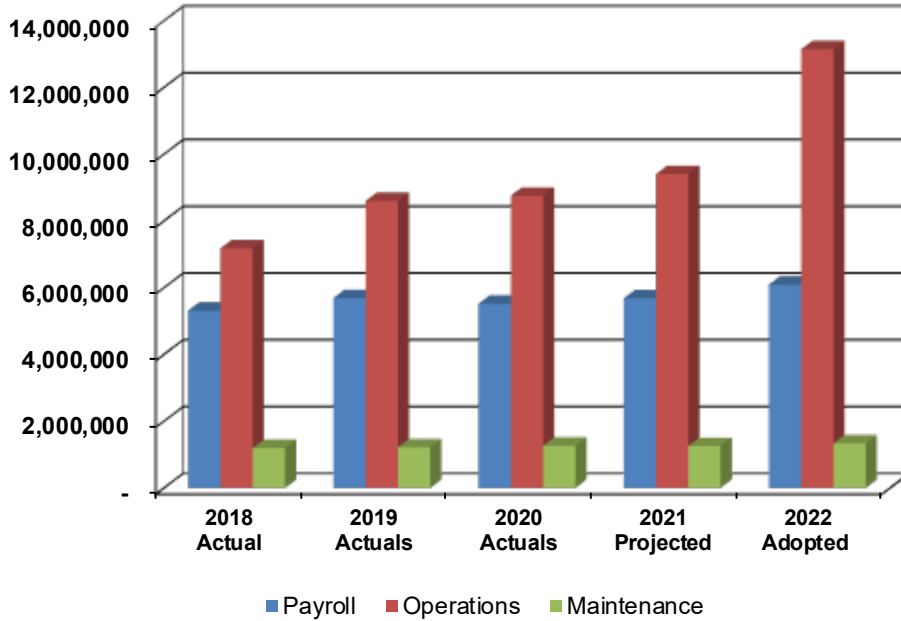
Administration  
Hartford  
East Hartford  
Poquonock  
Rocky Hill



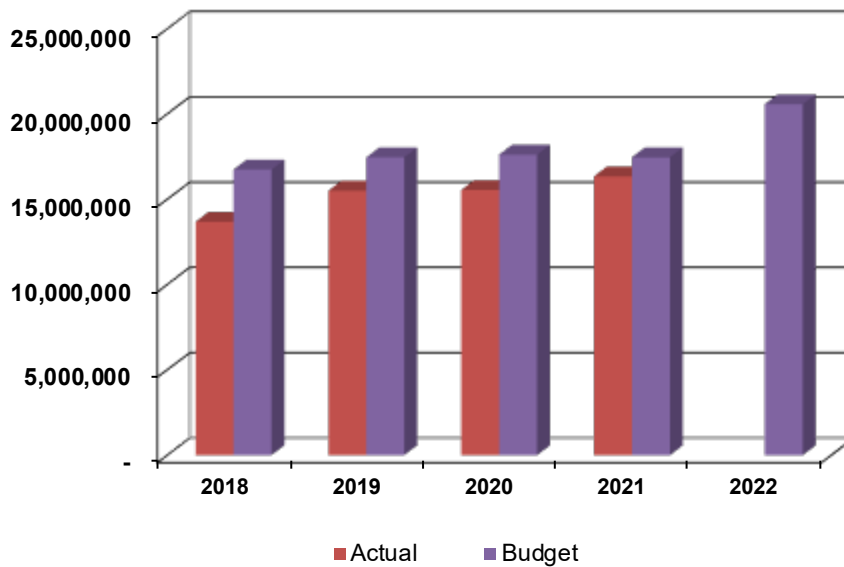


# Water Pollution Control

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	5,310,772	5,688,983	5,520,739	5,682,228	6,091,032
Operations	7,176,253	8,598,017	8,752,647	9,404,119	13,146,370
Maintenance	1,195,817	1,216,497	1,265,042	1,254,664	1,335,600
<b>Total</b>	<b>13,682,842</b>	<b>15,503,497</b>	<b>15,538,428</b>	<b>16,341,011</b>	<b>20,573,002</b>



	2018	2019	2020	2021	2022
Actual	13,682,842	15,503,497	15,538,428	16,341,011	
Budget	16,744,100	17,462,200	17,616,800	17,456,700	20,573,002
<b>Variance</b>	<b>(3,061,258)</b>	<b>(1,958,703)</b>	<b>(2,078,372)</b>	<b>(1,115,689)</b>	

# **Water Pollution Control**

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## **Summary**

### **Description**

The Water Pollution Control (WPC) activity is responsible for the processing and treatment of wastewater that flows into the District's East Hartford, Hartford, Poquonock and Rocky Hill facilities. Treatment is accomplished in accordance with the standards of National Pollutant Discharge Elimination System (NPDES) permits issued by the Connecticut Department of Energy and Environmental Protection (DEEP). Water pollution control, or wastewater treatment, is one of the most important yet often overlooked environmental services provided by the MDC.

### **Budget Commentary**

The adopted 2022 budget for the WPC Administration and Water Pollution Control Facilities are \$20,573,002 which is more than the 2021 adopted budget by \$3,116,302 or 17.9%. Budget details regarding the activity and departments are provided on succeeding pages.

# Water Pollution Control

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	339,046	438,700	474,100	547,152
Hartford	12,179,347	13,531,400	12,903,220	16,194,038
East Hartford	1,172,084	1,290,300	1,040,739	1,475,388
Poquonock	868,172	1,018,500	905,703	1,065,009
Rocky Hill	979,779	1,177,800	1,017,249	1,291,415
<b>Total Summary by Activity</b>	<b>15,538,428</b>	<b>17,456,700</b>	<b>16,341,011</b>	<b>20,573,002</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	4,977,415	5,287,200	5,027,193	5,400,807
Overtime 100%	-	-	-	-
Overtime 150%	306,225	390,000	394,188	391,000
Overtime 200%	111,937	181,500	132,756	176,000
Temporary	-	-	-	-
Standby/Premium	122,737	119,300	125,441	120,300
Longevity	2,425	2,700	2,650	2,925
<b>Total Payroll</b>	<b>5,520,739</b>	<b>5,980,700</b>	<b>5,682,228</b>	<b>6,091,032</b>
Operations	8,752,804	10,154,900	9,408,859	13,155,370
Maintenance	1,264,885	1,321,100	1,249,924	1,326,600
<b>Summary by Major Account</b>	<b>15,538,428</b>	<b>17,456,700</b>	<b>16,341,011</b>	<b>20,573,002</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 100%	15,538,428	17,456,700	16,341,011	20,573,002
Water Allocation 0%	-	-	-	-
<b>Total Funding Allocation</b>	<b>15,538,428</b>	<b>17,456,700</b>	<b>16,341,011</b>	<b>20,573,002</b>
<b><i>Authorized Positions</i></b>				
Administration	1	1	1	1
Hartford	44	43	43	43
East Hartford	5	5	5	5
Poquonock	4	4	4	4
Rocky Hill	5	5	5	5
	<b>59</b>	<b>58</b>	<b>58</b>	<b>58</b>



**Administration****Description**

The Water Pollution Control Administration department is responsible for overseeing the four WPC Facilities in the District. This department consists of the Manager of WPC who has an essential role in overseeing the daily activities of the facilities. This department plays a major role in maintaining the sludge and septage sales contracts as well as managing the Capital Improvement Projects for the East Hartford, Hartford, Poquonock and Rocky Hill facilities.

**Budget Commentary**

The Water Pollution Control Administration adopted budget for 2022 is \$547,152 which is an increase of \$108,452 or 24.7% above the level approved for 2021.

**Payroll: \$14,232**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: \$94,220**

- *Dues & Memberships* will increase due to increase in membership fees.
- *Permits* will increase to support expenditures related to Consent Decree anticipated penalty fees.
- *Outside Testing & Lab Services* will increase to support expenditures related incinerator testing for Consent Decree.

Administration

Commitment Item	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>				
501010 Regular Pay	156,047	169,900	172,189	184,182
501030 Overtime 100%	-	-	-	-
501040 Overtime 150%	-	-	-	-
501050 Overtime 200%	-	-	-	-
501020 Temporary Pay	-	-	-	-
501060 Standby & Premium Pay	-	-	-	-
501070 Longevity Pay	350	400	350	350
<b><i>Total Payroll</i></b>	<b>156,397</b>	<b>170,300</b>	<b>172,539</b>	<b>184,532</b>
<b><i>Operations</i></b>				
511070 Employee Reimbursement	19	-	-	-
511100 Seminars & Conventions	4,930	8,000	1,783	8,000
511120 Meeting Expenses	614	1,200	1,466	1,200
511210 Books & Periodicals	60	1,000	108	1,000
511220 Dues & Memberships	2,359	2,000	2,825	2,900
512080 Outside Services	7,756	-	-	-
512310 Permits	74,224	120,000	83,864	168,000
512710 Outside Testing & Lab Services	89,522	135,000	210,847	180,320
512840 Licenses & Registration	2,526	500	285	500
513010 Office Supplies	657	500	383	500
519020 Postage	6	-	-	-
519100 Printing	-	200	-	200
521100 Treatment Equipment	(24)	-	-	-
<b><i>Total Operations</i></b>	<b>182,649</b>	<b>268,400</b>	<b>301,561</b>	<b>362,620</b>
<b><i>Total Expenditure Classification</i></b>	<b>339,046</b>	<b>438,700</b>	<b>474,100</b>	<b>547,152</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 100%	339,046	438,700	474,100	547,152
Water Allocation 0%	-	-	-	-
<b><i>Total Funding Allocation</i></b>	<b>339,046</b>	<b>438,700</b>	<b>474,100</b>	<b>547,152</b>
<b><i>Authorized Positions</i></b>				
Manager of WPC	1	1	1	1
<b><i>Total Authorized Positions</i></b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

## Hartford

### Description

The Hartford Water Pollution Control unit is responsible for the primary and secondary treatment of wastewater that flows directly into the Hartford Water Pollution Control Facility (HWPCF) from Bloomfield, Hartford, Newington, West Hartford, and parts of Wethersfield and Windsor, as well as sludge delivered via force mains from the East Hartford and Rocky Hill facilities. Sludge from the Poquonock facility in Windsor is delivered by tanker truck.

The HWPCF also receives septic tank loads from member and non-member towns and sludge from the towns of Simsbury, Southington, Suffield, Windsor Locks, South Windsor, Enfield, Coventry, New Hartford and Plainfield, and other facilities on a spot market basis.

Operational procedures at the plant include grit and screenings removal, wet weather pumping/storage, primary sedimentation, aeration for the biological breakdown of sewage, final clarification, effluent disinfection during the summer months, and thickening, dewatering, and incineration of sludge. Plant effluent pumping is performed when Connecticut River levels are elevated. This activity also handles routine maintenance/repair of its equipment and structures.

The HWPCF operates with three shifts, seven days per week, for all treatment processes, including primary, secondary, thickening, dewatering, and incineration will also include waste heat recovery for electricity production.

### Budget Commentary

The adopted 2022 budget for Water Pollution Control, Hartford, totals \$16,194,038, which is an increase from the level adopted in 2021 by \$2,662,638 or 19.7%.

#### **Payroll: \$63,088**

- *Regular Pay* and *Overtime* includes increments and cost-of-living increases for eligible employees, offset by a decrease in headcount.
- *Standby & Premium Pay* includes increase in reference to increase in *Overtime*.

#### **Operations: \$2,611,550**

- *Incinerator Ash Disposal, Polymers, Electricity, Fuel* are increasing due to a new higher contract pricing and increase usage in Natural Gas.
- *Aluminum Sulfate* and *Chlorine* are increasing due to an anticipated increase in chemical costs, offset by a decrease in *Water Treatment Chemicals*, among other various items.
- *Materials from Stock* is increasing based on historical spending.

#### **Maintenance: (\$12,000)**

- *Treatment Equipment* is decreasing based on historical spending.

# Water Pollution Control

2220010020

<b>Hartford</b>		2020	2021	2021	2022
Commitment		Actuals	Adopted	Projected	Adopted
Item	Expenditure Classification				
	<b><i>Payroll</i></b>				
501010	Regular Pay	3,595,636	3,836,500	3,565,565	3,891,588
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	225,602	300,000	296,163	304,000
501050	Overtime 200%	100,927	125,000	117,492	128,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	108,037	104,000	110,630	105,000
501070	Longevity Pay	975	1,200	1,200	1,200
	<b>Total Payroll</b>	<b>4,031,177</b>	<b>4,366,700</b>	<b>4,091,050</b>	<b>4,429,788</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	41,771	39,700	40,284	41,300
511030	Meals Allowance	1,460	2,200	1,460	2,200
511050	Employee Education Program	2,893	-	3,000	-
511070	Employee Reimbursement	226	-	-	-
511250	Other Additional Taxable Comp.	3,351	-	-	-
512030	Construction Litigation Legal Serv.	-	-	298,000	-
512050	Custodial Services	3,832	11,000	3,107	8,300
512060	Police Services	880	-	-	-
512080	Outside Services	79,502	76,500	63,029	77,000
512310	Permits	30	-	-	-
512400	Disposal/Removal Fees	118,569	160,000	108,630	122,000
512410	Refuse Collection & Disposal	25,819	38,000	19,469	38,000
512420	Incinerator Ash Disposal	620,527	692,000	679,591	726,000
512850	DEEP Nitrogen Credits	780,823	750,000	181,387	575,200
513010	Office Supplies	6,667	5,800	6,439	5,800
513020	Janitorial Supplies	10,987	11,000	1,272	11,000
513080	Communication Equipment & Supp.	-	4,000	3,700	4,000
513120	Safety Supplies	835	-	-	-
513140	Electrical Supplies	848	3,700	615	3,700
513160	Chemical/Oil Spill Supplies	-	2,000	-	2,000
513400	Small Tools & Equipment	2,668	4,100	3,039	4,100
513410	Asphalt Products	2,424	-	-	-
513690	Materials From Stock	714,317	710,000	819,569	740,000
513710	Fuel	879,477	974,000	1,366,775	2,459,250
513740	Oil & Lubricants	8,121	5,000	6,142	4,000
514010	Electricity	3,270,664	3,750,000	3,296,071	4,532,400
515010	Aluminum Sulfate	9,375	15,000	74,059	82,500
515030	Chlorine	42,742	35,700	24,626	36,500
515060	Sodium Hypochlorite	-	-	10,077	-
515080	Polymers	507,694	700,000	862,987	1,200,000
515140	Water Treatment Chemicals	15,264	104,000	32,780	36,000
515320	Odor Control Chemicals	14,136	26,000	19,037	27,000
519010	Freight & Express	293	-	-	-
519100	Printing	1,054	1,000	843	1,000
521070	Pump Station Equipment	3	-	-	-
523120	Construction Equipment Rental	55	-	-	-
523140	Other Equipment Rental	3,144	46,000	22,784	39,000
	<b>Total Operations</b>	<b>7,170,451</b>	<b>8,166,700</b>	<b>7,948,772</b>	<b>10,778,250</b>
	<b><i>Maintenance</i></b>				
521010	Land Equipment	40	-	-	-
521080	Tool & Work Equipment	8,277	6,000	7,190	6,000
521100	Treatment Equipment	968,997	992,000	856,208	980,000
521110	Stationary Power Equipment	429	-	-	-
522010	Facilities R&M	(24)	-	-	-
	<b>Total Maintenance</b>	<b>977,719</b>	<b>998,000</b>	<b>863,398</b>	<b>986,000</b>
	<b>Total Expenditure Classification</b>	<b>12,179,347</b>	<b>13,531,400</b>	<b>12,903,220</b>	<b>16,194,038</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 100%	12,179,347	13,531,400	12,903,220	16,194,038
	Water Allocation 0%	-	-	-	-
	<b>Total Funding Allocation</b>	<b>12,179,347</b>	<b>13,531,400</b>	<b>12,903,220</b>	<b>16,194,038</b>

# Water Pollution Control

2220010020

## Hartford

<u>Authorized Positions</u>	<u>2020 Actuals</u>	<u>2021 Adopted</u>	<u>2021 Projected</u>	<u>2022 Adopted</u>
Assistant WPC Superintendent	1	1	1	1
Administrative Clerk	1	1	1	1
WPC Crew Leader 1	5	5	6	5
WPC Crew Leader 2	7	7	7	7
WPC Plant Operator 2	25	25	24	25
WPC Supervisor	4	4	4	4
WPC Plant Superintendent	1	-	-	-
<i>Total Authorized Positions</i>	<b>44</b>	<b>43</b>	<b>43</b>	<b>43</b>

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**East Hartford****Description**

The East Hartford Water Pollution Control unit is responsible for the primary and secondary treatment of wastewater that flows into the East Hartford Water Pollution Control Facility (EHWPCF) from East Hartford and small sections of South Windsor and Manchester. Ongoing procedures at the facility include screening, grinding, grit removal, primary sedimentation, aeration for the biological breakdown of sewage, final clarification, effluent disinfection (chlorination during the summer), flow measurement, and pumping of removed solids to the Hartford facility for processing. Plant effluent pumping is performed when Connecticut River levels are elevated. This sub-activity also is responsible for the routine maintenance and repair of its equipment and structures. Basic laboratory testing is performed on site daily. The facility is staffed on a one-shift, five-day-a-week basis with scheduled facility checks on weekends and holidays.

**Budget Commentary**

The total East Hartford WPC adopted budget for 2022 is \$1,475,388, which is above the level adopted in 2021 by \$185,088 or 14.3%.

**Payroll: \$13,838**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: \$149,250**

- *Disposal/Removal Fees* are increasing due to high flows and an increase in the amount of grit being removed.
- *Diesel Fuel, Electricity, Natural/Industrial Gas, Sodium Hypochlorite and Sodium Bisulfite* expenditures are increasing due to a new and higher contract pricing.
- *Materials from Stock's* increase is due to reclassification of *Oil & Lubricants*.

**Maintenance: \$22,000**

- There is an expected increase in expenditures for *Treatment Equipment* due to maintenance repairs due in 2022.

East Hartford

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	445,698	456,000	452,478	469,363
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	24,852	25,000	34,844	25,000
501050	Overtime 200%	5,112	21,500	7,329	22,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	4,950	5,100	4,875	5,100
501070	Longevity Pay	275	300	275	275
	<b>Total Payroll</b>	<b>480,887</b>	<b>507,900</b>	<b>499,801</b>	<b>521,738</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	3,147	4,500	3,367	4,500
511030	Meals Allowance	40	400	90	400
511070	Employee Reimbursement	17	-	-	-
512050	Custodial Services	315	3,400	445	3,400
512080	Outside Services	16,245	300	-	300
512400	Disposal/Removal Fees	11,904	13,800	10,521	19,000
512410	Refuse Collection & Disposal	2,001	1,200	1,052	1,200
512710	Outside Testing & Lab Services	-	400	-	400
512850	DEEP Nitrogen Credits	43,113	35,000	7,165	35,000
513010	Office Supplies	1,246	1,500	687	1,500
513020	Janitorial Supplies	-	1,500	549	1,500
513080	Communication Equipment & Supp.	80	2,000	272	2,000
513120	Safety Supplies	627	-	-	-
513140	Electrical Supplies	417	500	315	500
513160	Chemical/Oil Spill Supplies	95	500	-	500
513180	Photocopy Supplies	61	-	-	-
513400	Small Tools & Equipment	1,684	2,500	2,465	2,500
513690	Materials From Stock	38,964	40,000	30,773	45,000
513710	Fuel	3,406	-	-	-
513720	Diesel Fuel	-	7,300	2,900	11,250
513740	Oil & Lubricants	-	5,000	-	500
514010	Electricity	430,326	466,800	288,105	588,000
514020	Natural/Industrial Gas	21,619	34,000	25,861	44,400
515010	Aluminum Sulfate	20,904	-	-	-
515020	Sodium Hydroxide	-	23,500	-	-
515060	Sodium Hypochlorite	-	-	21,494	26,000
515110	Sodium Bisulfite	13,929	21,500	17,115	27,000
521020	Safety Equipment	178	4,000	2,528	4,000
	<b>Total Operations</b>	<b>610,318</b>	<b>669,600</b>	<b>415,704</b>	<b>818,850</b>
<b><i>Maintenance</i></b>					
521080	Tool & Work Equipment	673	800	312	800
521100	Treatment Equipment	80,365	112,000	124,922	134,000
522010	Facilities R&M	(159)	-	-	-
	<b>Total Maintenance</b>	<b>80,879</b>	<b>112,800</b>	<b>125,234</b>	<b>134,800</b>
	<b>Total Expenditure Classification</b>	<b>1,172,084</b>	<b>1,290,300</b>	<b>1,040,739</b>	<b>1,475,388</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 100%	1,172,084	1,290,300	1,040,739	1,475,388
	Water Allocation 0%	-	-	-	-
	<b>Total Funding Allocation</b>	<b>1,172,084</b>	<b>1,290,300</b>	<b>1,040,739</b>	<b>1,475,388</b>

**East Hartford**

<u>Authorized Positions</u>	<u>2020 Actuals</u>	<u>2021 Adopted</u>	<u>2021 Projected</u>	<u>2022 Adopted</u>
WPC Crew Leader 1	1	1	1	1
WPC Plant Operator 2	3	3	3	3
WPC Supervisor	1	1	1	1
<i>Total Authorized Positions</i>	5	5	5	5



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**Poquonock****Description**

The Poquonock Water Pollution Control unit is responsible for the primary and secondary treatment of wastewater that flows into the Poquonock Water Pollution Control Facility (PWPCF) from northern Windsor, Bradley International Airport and part of East Granby. Ongoing duties and procedures include grit removal, primary sedimentation, operation of trickling filters for the biological breakdown of sewage, final clarification, flow measurement, effluent disinfection and the operation of the sludge digestion tanks. Poquonock is also responsible for the routine maintenance and repair of facility equipment and structures. Basic laboratory testing is performed on site each weekday. The facility is staffed on a one-shift, five-day-a-week basis with scheduled facility checks on weekends and holidays.

**Budget Commentary**

The WPC Poquonock adopted budget for 2022 is \$1,065,009, which is \$46,509 or 4.6% above the level adopted for 2021.

**Payroll: \$12,559**

- *Regular Pay and Overtime* includes increments and cost-of-living increases for eligible employees.

**Operations: \$38,450**

- *Outside Services* expenditure has been removed based on historic spend.
- *Fuel, Electricity and Water Treatment Chemicals* expenditures are increasing due to a new and higher contract pricing.
- *DEEP Nitrogen Credit Program* expenses are unchanged for 2022.

**Maintenance: (\$4,500)**

- There is an expected decrease in expenditures for *Treatment Equipment* in 2022 based on historical spending.

Poquonock

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	346,447	375,400	379,392	384,934
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	28,144	25,000	41,086	32,000
501050	Overtime 200%	4,489	20,000	7,138	16,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	4,875	5,100	4,800	5,100
501070	Longevity Pay	825	800	825	825
<b>Total Payroll</b>		<b>384,780</b>	<b>426,300</b>	<b>433,241</b>	<b>438,859</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	2,076	2,700	2,058	2,700
511030	Meals Allowance	-	200	10	200
512050	Custodial Services	502	-	52	-
512080	Outside Services	50	2,000	1,445	-
512230	Environmental Professional Fees	5,288	-	-	-
512400	Disposal/Removal Fees	13,842	16,000	11,818	16,000
512410	Refuse Collection & Disposal	1,057	2,000	1,563	3,500
512430	Sludge Removal	22,400	40,000	31,094	42,800
512850	DEEP Nitrogen Credits	191,792	250,000	107,479	250,000
513010	Office Supplies	1,353	2,500	2,222	2,500
513020	Janitorial Supplies	200	-	-	-
513120	Safety Supplies	1,029	-	-	-
513400	Small Tools & Equipment	198	-	-	-
513690	Materials From Stock	11,628	15,500	21,754	19,500
513710	Fuel	4,382	9,200	9,729	12,750
513740	Oil & Lubricants	2,252	3,700	1,142	3,700
514010	Electricity	41,265	50,300	38,174	72,000
515040	Polyaluminum Chloride	47,902	-	62,893	-
515060	Sodium Hypochlorite	5,686	-	7,195	-
515110	Sodium Bisulfite	5,112	-	9,728	-
515140	Water Treatment Chemicals	-	80,600	-	89,000
521020	Safety Equipment	-	3,500	1,634	2,000
<b>Total Operations</b>		<b>358,014</b>	<b>478,200</b>	<b>309,990</b>	<b>516,650</b>
<b><i>Maintenance</i></b>					
521070	Pump Station Equipment	55	-	-	-
521080	Tool & Work Equipment	5,238	-	-	-
521100	Treatment Equipment	120,069	114,000	162,472	109,500
522010	Facilities R&M	16	-	-	-
<b>Total Maintenance</b>		<b>125,378</b>	<b>114,000</b>	<b>162,472</b>	<b>109,500</b>
<b>Total Expenditure Classification</b>		<b>868,172</b>	<b>1,018,500</b>	<b>905,703</b>	<b>1,065,009</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 100%		868,172	1,018,500	905,703	1,065,009
Water Allocation 0%		-	-	-	-
<b>Total Funding Allocation</b>		<b>868,172</b>	<b>1,018,500</b>	<b>905,703</b>	<b>1,065,009</b>
<b><i>Authorized Positions</i></b>					
WPC Crew Leader 1		1	1	1	1
WPC Plant Operator 2		2	2	2	2
WPC Satellite Plant Supervisor		1	1	1	1
<b>Total Authorized Positions</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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**Rocky Hill****Description**

The Rocky Hill Water Pollution Control unit is responsible for the primary and secondary treatment of wastewater that flows into the Rocky Hill Water Pollution Control Facility (RHWPCF) from Rocky Hill (all but the southwest corner tributary which flows to the Mattabassett District) and portions of Wethersfield, Newington and Cromwell. Ongoing procedures at the facility include flow measurement, screenings grinding, grit removal, primary sedimentation, aeration for biological breakdown of sewage, final clarification, effluent disinfection (chlorination during the summer) and the pumping of removed solids to the Hartford facility for processing. Storm water collected inside the facility's flood protection dike is pumped back to the Connecticut River when river levels return to normal. The Rocky Hill sub-activity is also responsible for the routine maintenance and repair of facility equipment and structures. Basic laboratory testing is performed on site on a daily basis. The facility is staffed on a one-shift, five-day-a-week basis with scheduled facility checks on weekends and holidays.

**Budget Commentary**

The Rocky Hill adopted 2022 budget is \$1,291,415 which is \$113,615 or 9.6% above the expenditure level adopted for 2021.

**Payroll: \$6,615**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Overtime* has decreased based on lower anticipated need.
- *Longevity Pay* has increased as a result of employee participation.

**Operations: \$14,000**

- *Diesel Fuel and Chlorine* expenditures are increasing due to increase in commodity cost. While *Natural/Industrial Gas* allotment is decreasing due to account reclassification.
- *Electricity* is increasing due to a new and higher contract pricing.

**Maintenance: \$0**

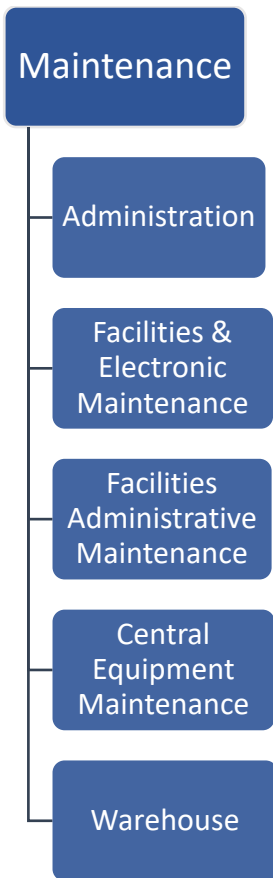
- No change in the budget for 2022.

Rocky Hill

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	433,587	449,400	457,569	470,740
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	27,627	40,000	22,095	30,000
501050	Overtime 200%	1,409	15,000	797	10,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	4,875	5,100	5,136	5,100
501070	Longevity Pay	-	-	-	275
<b>Total Payroll</b>		<b>467,498</b>	<b>509,500</b>	<b>485,597</b>	<b>516,115</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	3,289	3,300	3,209	3,300
511030	Meals Allowance	-	200	-	200
511050	Employee Education Program	93	-	-	-
511070	Employee Reimbursement	111	-	353	-
512050	Custodial Services	1,049	4,000	345	2,000
512080	Outside Services	15,900	400	-	400
512400	Disposal/Removal Fees	12,265	17,800	10,920	17,800
512410	Refuse Collection & Disposal	1,050	2,000	1,497	2,000
512710	Outside Testing & Lab Services	-	1,000	-	1,000
512850	DEEP Nitrogen Credits	-	20,000	-	20,000
513010	Office Supplies	1,725	1,800	1,003	1,800
513020	Janitorial Supplies	255	3,000	50	3,000
513120	Safety Supplies	2,085	-	-	-
513400	Small Tools & Equipment	698	2,500	47	2,500
513690	Materials From Stock	25,682	25,000	27,408	25,000
513710	Fuel	9,002	-	-	-
513720	Diesel Fuel	-	5,000	12,568	21,000
513740	Oil & Lubricants	-	4,000	-	3,000
514010	Electricity	350,089	450,000	359,819	558,000
514020	Natural/Industrial Gas	-	15,000	-	-
515030	Chlorine	8,079	14,000	15,035	15,000
521020	Safety Equipment	-	3,000	578	3,000
<b>Total Operations</b>		<b>431,372</b>	<b>572,000</b>	<b>432,832</b>	<b>679,000</b>
<b><i>Maintenance</i></b>					
521070	Pump Station Equipment	26	-	-	-
521080	Tool & Work Equipment	1,645	3,300	649	3,300
521100	Treatment Equipment	73,505	93,000	98,171	93,000
522010	Facilities R&M	5,733	-	-	-
<b>Total Maintenance</b>		<b>80,909</b>	<b>96,300</b>	<b>98,820</b>	<b>96,300</b>
<b>Total Expenditure Classification</b>		<b>979,779</b>	<b>1,177,800</b>	<b>1,017,249</b>	<b>1,291,415</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 100%		979,779	1,177,800	1,017,249	1,291,415
Water Allocation 0%		-	-	-	-
<b>Total Funding Allocation</b>		<b>979,779</b>	<b>1,177,800</b>	<b>1,017,249</b>	<b>1,291,415</b>
<b><i>Authorized Positions</i></b>					
<b>Authorized Positions</b>		<b>2020 Actuals</b>	<b>2021 Adopted</b>	<b>2021 Projected</b>	<b>2022 Adopted</b>
WPC Crew Leader 1		1	1	1	1
WPC Plant Operator 2		3	3	3	3
WPC Satellite Plant Supervisor		1	1	1	1
<b>Total Authorized Positions</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>

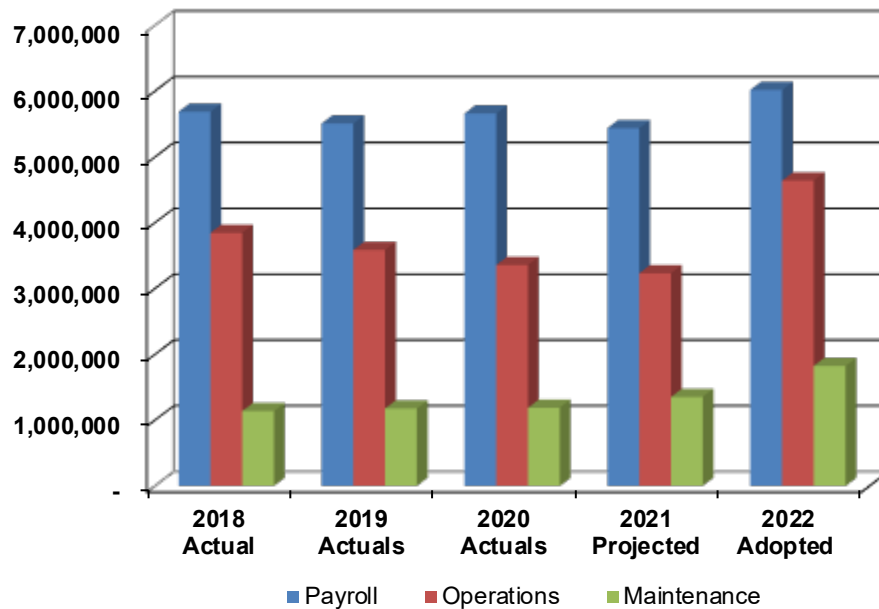
## **Maintenance**

Administration  
Facility & Electronic Maintenance  
Administrative Facilities Maintenance  
Central Equipment Maintenance  
Warehouse

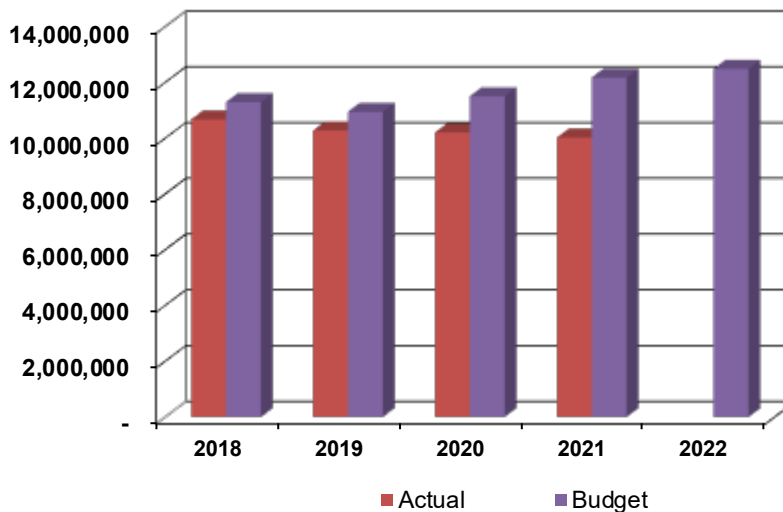


# Maintenance

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	5,687,877	5,508,162	5,660,010	5,436,915	6,018,591
Operations	3,847,098	3,587,907	3,357,718	3,231,438	4,641,590
Maintenance	1,138,365	1,177,773	1,190,151	1,353,859	1,825,100
<b>Total</b>	<b>10,673,340</b>	<b>10,273,842</b>	<b>10,207,879</b>	<b>10,022,212</b>	<b>12,485,281</b>



	2018	2019	2020	2021	2022
Actual	10,673,340	10,273,842	10,207,879	10,022,212	
Budget	11,289,600	10,946,200	11,502,600	12,177,200	12,485,281
<b>Variance</b>	<b>(616,260)</b>	<b>(672,358)</b>	<b>(1,294,721)</b>	<b>(2,154,988)</b>	

# **Maintenance**

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## **Summary**

### **Description**

The Maintenance activity is responsible for repairing and maintaining all District buildings and grounds, building systems' process equipment and machinery at plants and pump stations, and all District radio and instrumentation equipment. The activity also has primary responsibility for the daily operation of 71 sewer pump stations, 17 water pump stations, 7 water storage tanks, 3 standpipes and 3 distribution reservoirs.

The Maintenance activity also includes the Central Equipment Maintenance (CEM) sub-activity. CEM is responsible for fleet repair and preventive maintenance; various stationary engines located in plants and pump stations; and engine-driven, pneumatic, hydraulic, and electrical tools and equipment used throughout the District.

### **Budget Commentary**

The Maintenance adopted budget for 2022 is \$12,485,281, which is \$308,081 or 2.53% above the expenditure level adopted for 2021 in support of current year programs and operations. Budget details regarding the activity and departments are provided on succeeding pages



# Maintenance

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>Summary by Activity</u></b>				
Administration	175,705	278,200	94,543	258,505
Facilities and Electronic Mainten	4,913,149	5,587,300	4,861,232	5,597,963
Administrative Facilities Mainten	1,458,906	1,671,000	1,279,951	1,791,140
Central Equipment Maintenance	2,981,716	3,823,900	3,080,164	4,061,241
Warehouse	678,403	816,800	706,322	776,432
<b>Total Summary by Activity</b>	<b>10,207,879</b>	<b>12,177,200</b>	<b>10,022,212</b>	<b>12,485,281</b>
<b><u>Summary by Major Account</u></b>				
<b>Payroll</b>				
Regular Pay	4,896,726	5,485,200	4,653,309	5,225,866
Overtime 100%	-	-	-	-
Overtime 150%	600,410	660,000	615,492	603,000
Overtime 200%	112,858	80,000	118,423	140,000
Temporary Help	-	-	-	-
Standby & Premium Pay	42,991	44,600	43,991	44,600
Longevity Pay	7,025	6,400	5,700	5,125
<b>Total Payroll</b>	<b>5,660,010</b>	<b>6,276,200</b>	<b>5,436,915</b>	<b>6,018,591</b>
Operations	3,373,160	4,281,000	3,241,279	4,666,590
Maintenance	1,174,709	1,620,000	1,344,018	1,800,100
Capital Outlay	-	-	-	-
<b>Total Summary by Major Acco</b>	<b>10,207,879</b>	<b>12,177,200</b>	<b>10,022,212</b>	<b>12,485,281</b>
<b><u>Funding Allocation</u></b>				
Sewer Allocation 49%	5,001,800	5,966,800	4,445,982	6,117,900
Water Allocation 51%	5,206,079	6,210,400	5,576,230	6,367,381
<b>Total Funding Allocation</b>	<b>10,207,879</b>	<b>12,177,200</b>	<b>10,022,212</b>	<b>12,485,281</b>
<b><u>Authorized Positions</u></b>				
Administration	2	2	1	2
Facilities and Electronic Mainten	34	34	29	31
Central Equipment Maintenance	14	14	14	14
Warehouse	7	8	7	7
<b>Total Authorized Positions</b>	<b>57</b>	<b>58</b>	<b>51</b>	<b>54</b>

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**Administration****Description**

The Manager of Maintenance is responsible for the planning and scheduling of the preventive maintenance for, as well as the repair of, equipment, vehicles and District-wide structures. The Maintenance Administration unit is staffed by the Manager of Maintenance and an Admin Clerk who is responsible for all clerical duties in the Maintenance Department.

**Budget Commentary**

The Maintenance Administration adopted budget for 2022 is \$258,505. This is a decrease of \$19,695 or 7.08% from the expenditure level adopted for 2021.

**Payroll: (\$19,695)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.
- *Overtime Pay* is being funded in order to support administrative duties needed after hours.

**Operations: \$0**

- The adopted budget is expected to be unchanged for 2022.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	164,091	262,500	81,116	239,805
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	5,396	-	5,904	3,000
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	175	-	-	-
	<b>Total Payroll</b>	<b>169,662</b>	<b>262,500</b>	<b>87,020</b>	<b>242,805</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	325	300	325	300
511100	Seminars & Conventions	1,250	2,000	1,090	2,000
511120	Meeting Expenses	388	900	810	900
511210	Books & Periodicals	-	500	472	500
511220	Dues & Memberships	-	1,000	-	1,000
512070	Consultant Services	-	5,000	-	5,000
513010	Office Supplies	4,080	6,000	4,826	6,000
	<b>Total Operations</b>	<b>6,043</b>	<b>15,700</b>	<b>7,523</b>	<b>15,700</b>
	<b>Total Expenditure Classification</b>	<b>175,705</b>	<b>278,200</b>	<b>94,543</b>	<b>258,505</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	86,100	136,300	41,962	126,700
	Water Allocation 51%	89,605	141,900	52,581	131,805
	<b>Total Funding Allocation</b>	<b>175,705</b>	<b>278,200</b>	<b>94,543</b>	<b>258,505</b>
	<b><i>Authorized Positions</i></b>				
	Manager of Maintenance	1	1	-	1
	Administrative Clerk	1	1	1	1
	<b>Total Authorized Positions</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>

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**Facilities & Electronic Maintenance****Description**

The Facilities and Electronic Maintenance sub-activity is responsible for the operation and maintenance of 17 water pump stations, 71 wastewater pump stations, 7 storage tanks, 3 standpipes, and 3 distribution reservoirs. Other responsibilities include: maintaining and repairing machinery equipment and process systems at the District's water and wastewater treatment facilities; fabrication and machining of materials and parts needed to carry out repairs; and maintenance and updating of electrical system services and equipment on a District-wide basis.

Facilities and Electronic Maintenance is also responsible for major repairs and maintenance associated with the structures and facilities at the District's water and wastewater treatment plants, Headquarters, and other structures of the District (excluding the water supply facilities). Duties include repairing windows, walls, doors, roofs, floors, office renovation, and yearly inspections of all District facilities as part of long-range planning responsibilities.

This sub-activity also handles the repair, maintenance and updating of all electronic systems, devices and equipment located at plants, pump stations and other structures of the District, as well as the maintenance of communication equipment and the District's radio-based pump station alarm system.

**Budget Commentary**

The Facilities and Electronic Maintenance adopted 2022 budget is \$5,597,963, which has increased by \$10,663 or 0.2% above the expenditure level adopted for 2021.

**Payroll: (\$213,037)**

- *Regular Pay and Overtime* includes increments and cost-of-living increases for eligible employees in 2022 offset, by the reduction of three positions.
- *Longevity Pay* has decreased based upon employee participation.

**Operations: \$209,200**

- *Safety Supplies* expenditure will increase due to aging supplies that will need to be replaced.
- *Clothing Allowance* has increased due to the rising costs of uniform cleaning and supply chain prices for the purchase of new uniforms.
- *Ground Care* expenses are due to increase based upon the contractual agreement.
- *Communication Equipment & Supplies* expenditure will increase due to wear and tear on current supplies. Maintenance will begin updating the outdated communication supplies to ensure our systems are up to date with the current technology to improve our electrical maintenance systems.
- *Small Tools & Equipment* costs will increase due to the replacement of aging tools.
- *Electricity and Fuel* are anticipated to increase based on commodity pricing.

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**Facilities & Electronic Maintenance**

**Maintenance: \$14,500**

- *Information Systems R&M* will increase based upon Software support contractual increase for maintenance of SCADA, ACP Thinmanager, ABToolkit Tech, FT Sever and GE Global Care systems.

## Facilities &amp; Electronic Maintenance

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i>Payroll</i>				
501010	Regular Pay	2,829,190	3,184,600	2,654,131	2,972,838
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	464,345	500,000	491,031	450,000
501050	Overtime 200%	88,375	50,000	90,941	100,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	34,680	35,000	35,785	35,000
501070	Longevity Pay	4,850	4,400	3,700	3,125
	<i>Total Payroll</i>	3,421,440	3,774,000	3,275,588	3,560,963
	<i>Operations</i>				
511010	Clothing Allowance	28,537	29,000	27,498	32,500
511030	Meals Allowance	2,096	4,000	1,320	4,000
512080	Outside Services	-	150,000	8,557	150,000
512350	Ground Care	224,150	268,300	257,692	270,500
512410	Refuse Collection & Disposal	3,585	4,000	3,795	4,500
513010	Office Supplies	3,864	6,000	2,446	6,000
513080	Communication Equipment & Supl	8,373	8,000	6,558	10,000
513120	Safety Supplies	12,511	9,000	19,831	15,000
513140	Electrical Supplies	24,346	20,000	20,971	20,000
513160	Chemical/Oil Spill Supplies	675	1,000	496	1,000
513400	Small Tools & Equipment	16,246	18,000	23,767	23,000
513430	Rock Sand & Dirt	-	2,000	-	2,000
513690	Materials From Stock	39,363	80,000	64,925	80,000
513710	Fuel	34,615	62,000	28,436	80,000
514010	Electricity	688,890	680,000	668,334	852,000
515310	Fertilizer & Weed Control Chemic:	-	1,000	-	1,000
515320	Odor Control Chemicals	-	1,000	-	1,000
523140	Other Equipment Rental	642	15,000	3,698	15,000
	<i>Total Operations</i>	1,087,893	1,358,300	1,138,324	1,567,500
	<i>Maintenance</i>				
513540	Tanks	-	12,000	9,685	12,000
521020	Safety Equipment	9,271	22,500	20,824	22,500
521070	Pump Station Equipment	89,401	100,000	69,297	100,000
521080	Tool & Work Equipment	34,227	17,000	30,101	17,000
521090	Transportation Equipment	-	-	20	-
521100	Treatment Equipment	8,314	-	4,448	-
521010	Land Equipment	70	-	-	-
522010	Facilities R&M	127,996	150,000	137,746	150,000
522030	Information System R&M	134,537	153,500	175,199	168,000
	<i>Total Maintenance</i>	403,816	455,000	447,320	469,500
	<i>Total Expenditure Classification</i>	4,913,149	5,587,300	4,861,232	5,597,963
	<i>Funding Allocation</i>				
	Sewer Allocation 49%	2,407,400	2,737,800	2,162,922	2,743,000
	Water Allocation 51%	2,505,749	2,849,500	2,698,310	2,854,963
	<i>Total Funding Allocation</i>	4,913,149	5,587,300	4,861,232	5,597,963

**Facilities & Electronic Maintenance**

<b>Authorized Positions</b>	<b>2020 Actuals</b>	<b>2021 Adopted</b>	<b>2021 Projected</b>	<b>2022 Adopted</b>
Asst. Facility Maintenance Superintendent	1	1	-	-
Building and Grounds Maintainer	1	1	-	-
Carpenter	1	1	-	-
Electrical Maint Supervisor	1	1	1	1
Electronic Technician	3	3	3	6
Electronic Technician 2	7	7	5	4
Facilities Maintainer	1	1	1	-
Facilities Maintainer Crew Leader	1	1	1	1
Facility Maintainer 1	5	5	2	3
Facility Maintenance Supervisor 1	1	1	1	1
Facility Maintenance Superintendent	-	-	1	1
Machinist/Maint. Mechanic	1	1	-	-
Machinist/Maint. Mechanic 2	8	8	11	11
Maintenance Crew Leader	1	1	-	-
Plant Maintainer	1	1	1	1
Plant & Pump Station Maint Supervisor	1	1	1	1
Senior Electronic Technician	-	-	1	1
<i>Total Authorized Positions</i>	<b>34</b>	<b>34</b>	<b>29</b>	<b>31</b>

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**Administrative Facilities Maintenance****Description**

The Administrative Facilities Maintenance program addresses all maintenance and repair tasks associated with the District's Headquarters Building at 555 Main Street as well as 125 Maxim Road, 60 Murphy Road and 235 Brainard Road, Hartford. The unit's responsibilities include operation and maintenance of the building's heating, ventilation and air conditioning systems; building and grounds maintenance; electrical and plumbing maintenance, custodial services, security services and interior renovations and painting.

**Budget Commentary**

The adopted 2022 budget for the Administrative Facilities is increased \$1,791,140 or 7.2% above the expenditure level adopted for 2021.

**Operations: \$120,140**

- *Custodial Services* expenditures have increased the upcoming year due to the contractual price increase in our cleaning contract for all District facilities.
- *Janitorial Supplies* are decreasing due to historical spend and contractual agreement with our cleaning services provider to provide the essential supplies needed for their services.
- *Electricity* and *Fuel* are anticipated to increase based on commodity pricing.

**Maintenance: \$0**

- The 2022 Maintenance expenditures will remain unchanged.



### Administrative Facilities Maintenance

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	-	-	-	-
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<b><i>Total Payroll</i></b>	-	-	-	-
	<b><i>Operations</i></b>				
511250	Other Additional Taxable Comp.	3,500	-	-	-
512050	Custodial Services	372,120	400,000	376,356	424,840
512080	Outside Services	13,600	11,000	6,990	11,000
512090	Security Services	180	10,000	-	10,000
512410	Refuse Collection & Disposal	35,586	68,000	37,252	68,000
513010	Office Supplies	558	-	-	-
513020	Janitorial Supplies	50,250	160,000	1,838	125,400
513080	Communication Equipment & Supp	110	-	-	-
513120	Safety Supplies	889	-	-	-
513140	Electrical Supplies	118	-	-	-
513400	Small Tools & Equipment	525	-	-	-
513690	Materials From Stock	588	10,000	1,446	10,000
513710	Fuel	110,744	120,000	112,980	154,500
513770	Auto Parts	405	-	-	-
514010	Electricity	417,511	440,000	359,566	535,400
514050	Heating & Air Conditioning	276,679	285,000	223,541	285,000
	<b><i>Total Operations</i></b>	1,283,363	1,504,000	1,119,969	1,624,140
	<b><i>Maintenance</i></b>				
521080	Tool & Work Equipment	2,364	-	-	-
521020	Safety Equipment	147	-	-	-
522010	Facilities R&M	173,032	167,000	159,982	167,000
	<b><i>Total Maintenance</i></b>	175,543	167,000	159,982	167,000
	<b><i>Total Expenditure Classification</i></b>	1,458,906	1,671,000	1,279,951	1,791,140
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	714,900	818,800	562,454	877,700
	Water Allocation 51%	744,006	852,200	717,497	913,440
	<b><i>Total Funding Allocation</i></b>	1,458,906	1,671,000	1,279,951	1,791,140

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**Central Equipment Maintenance****Description**

Central Equipment Maintenance (CEM) is responsible for fleet repair and maintenance, repair and maintenance of various stationary engines located in plants and pump stations, and engine-driven, pneumatic, hydraulic, and electrical tools and equipment used throughout the District. CEM also supports other functions and activities through its welding/fabricating shop, both in the shop and at remote locations. In addition, CEM is responsible for the operation, maintenance, repair and housekeeping of the Vehicle Maintenance Facility (VMF) at 50 Murphy Road, Hartford.

**Budget Commentary**

The Central Equipment Maintenance adopted budget for 2022 is \$4,061,241, which is above the 2021 approved level by \$237,341 or 6.2%.

**Payroll: \$40,491**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees.

**Operations: \$31,250**

- *Fuel* expenditures are expected to increase in 2022 due to the national increase in fuel prices directly related to the current supply chain shortage.
- *Natural/Industrial Gas* prices are increasing due to the current commodity rates set by our vendors.
- *Electricity* expenditures are set to increase due to the supply rate increase set by Eversource.

**Maintenance: \$165,600**

- *Transportation Equipment, Power Operated Equipment and Tool and Work Equipment* pricing has increased, according to our suppliers the pricing increase is directly related to the extended lead times and shortage of raw materials. All of our suppliers have gone up on their commodity rates.

## Central Equipment Maintenance

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i>Payroll</i>				
501010	Regular Pay	1,313,634	1,359,300	1,301,129	1,399,791
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	76,625	70,000	72,389	60,000
501050	Overtime 200%	7,605	10,000	1,593	20,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	450	800	375	800
501070	Longevity Pay	2,000	2,000	2,000	2,000
	<i>Total Payroll</i>	1,400,314	1,442,100	1,377,486	1,482,591
	<i>Operations</i>				
511010	Clothing Allowance	10,419	18,000	8,096	18,000
511030	Meals Allowance	-	300	-	300
511070	Employee Reimbursement	-	-	20	-
511120	Meeting Expenses	164	1,000	-	1,000
511220	Dues & Memberships	-	1,000	186	1,000
512060	Police Services	69	-	-	-
512070	Consultant Services	149,243	90,000	89,310	90,000
512080	Outside Services	55,071	-	(30)	-
512090	Security Services	5,722	6,500	3,285	6,500
512310	Permits	25	2,500	325	2,500
512410	Refuse Collection & Disposal	10,753	15,000	12,722	15,000
513010	Office Supplies	3,046	3,000	2,905	3,000
513090	Shop Supplies	7,033	-	100	-
513120	Safety Supplies	11,067	-	1,018	-
513140	Electrical Supplies	162	3,300	490	3,300
513400	Small Tools & Equipment	17,278	18,000	14,486	18,000
513440	Electrical Materials	-	-	110	-
513450	Hardware	3,360	-	6,096	-
513460	Iron & Steel	1,933	-	4,552	-
513690	Materials From Stock	230,841	300,000	242,826	300,000
513710	Fuel	19,901	30,000	15,012	37,500
513720	Diesel Fuel	174,876	400,000	211,999	400,000
513730	Gasoline	169,294	300,000	244,878	300,000
513740	Oil & Lubricants	642	-	2,250	-
513770	Auto Parts	16,247	-	15,137	-
513780	Tires & Tubes	803	-	1,997	-
514010	Electricity	38,755	75,000	46,614	90,000
514020	Natural/Industrial Gas	14,232	35,000	9,056	43,750
514030	Propane Gas	962	10,000	1,468	10,000
514060	Garbage	-	-	688	-
515330	Wash-Bay Chemicals	22,197	40,000	14,578	40,000
521020	Safety Equipment	15,442	25,000	9,824	25,000
521190	Infrastructure Equip/Licenses	-	-	17	-
523140	Other Equipment Rental	6,515	10,200	5,947	10,200
	<i>Total Operations</i>	986,052	1,383,800	965,962	1,415,050
	<i>Maintenance</i>				
521060	Power Operated Equipment	199,506	220,000	146,417	264,000
521070	Pump Station Equipment	113	-	-	-
521080	Tool & Work Equipment	109,210	187,000	111,066	224,400
521090	Transportation Equipment	274,339	421,000	382,940	505,200
521110	Stationary Power Equipment	-	60,000	42	60,000
521100	Treatment Equipment	65	-	44	-
522010	Facilities R&M	12,117	110,000	96,207	110,000
	<i>Total Maintenance</i>	595,350	998,000	736,716	1,163,600
	<i>Total Expenditure Classification</i>	2,981,716	3,823,900	3,080,164	4,061,241
	<i>Funding Allocation</i>				
	Sewer Allocation 49%	1,461,000	1,873,700	1,363,258	1,990,000
	Water Allocation 51%	1,520,716	1,950,200	1,716,906	2,071,241
	<i>Total Funding Allocation</i>	2,981,716	3,823,900	3,080,164	4,061,241

**Maintenance****2240010040****Central Equipment Maintenance**

<b>Authorized Positions</b>	<b>2020 Actuals</b>	<b>2021 Adopted</b>	<b>2021 Projected</b>	<b>2022 Adopted</b>
<b>Administrative Assistant</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Equipment Fabricator</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Fleet Supervisor</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Fleet Superintendent</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Vehicle and Equip. Mechanic</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
<b>Vehicle and Equip. Rep. Crew Leader</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b><i>Total Authorized Positions</i></b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>

**Warehouse****Description**

The Warehouse department is responsible for managing the sewer and water inventories, which includes spare parts, miscellaneous materials and capital spare parts.

**Budget Commentary**

The Inventory adopted budget for 2022 is \$776,432, which has decreased \$40,368 or 4.9% below the 2021 approved level.

**Payroll: (\$65,368)**

- *Regular Pay* has decreased due to a reduction of one employee in the department.

**Operations: \$25,000**

- *Outside Services* expenditure has been adopted in 2022 to acquire an outside vendor to properly dispose of legal documents that have surpassed the legal retention period.

# Maintenance

2240010050

## Warehouse

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	589,811	678,800	616,933	613,432
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	54,044	90,000	46,168	90,000
501050	Overtime 200%	16,878	20,000	25,889	20,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	7,861	8,800	7,831	8,800
501070	Longevity Pay	-	-	-	-
	<b>Total Payroll</b>	<b>668,594</b>	<b>797,600</b>	<b>696,821</b>	<b>732,232</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	5,174	4,200	4,640	4,200
511030	Meals Allowance	520	3,000	700	3,000
511050	Employee Education Program	75	-	-	-
512080	Outside Services	-	-	-	25,000
513010	Office Supplies	425	1,000	859	1,000
513400	Small Tools & Equipment	220	500	55	500
513770	Auto Parts	80	-	-	-
519020	Postage	3,192	10,000	3,231	10,000
521020	Safety Equipment	-	500	-	500
513120	Safety Supplies	100	-	-	-
511070	Employee Reimbursement	23	-	16	-
	<b>Total Operations</b>	<b>9,809</b>	<b>19,200</b>	<b>9,501</b>	<b>44,200</b>
	<b>Total Expenditure Classification</b>	<b>678,403</b>	<b>816,800</b>	<b>706,322</b>	<b>776,432</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 49%	332,400	400,200	315,386	380,500
	Water Allocation 51%	346,003	416,600	390,936	395,932
	<b>Total Funding Allocation</b>	<b>678,403</b>	<b>816,800</b>	<b>706,322</b>	<b>776,432</b>
	<b><i>Authorized Positions</i></b>				
	Inventory Stock Clerk	4	4	4	4
	Facilities Maintainer 1	-	1	-	-
	Stock Services Crew Leader	2	2	2	2
	Stock Services Supervisor	1	1	1	1
	<b>Total Authorized Positions</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>7</b>

# **Water Treatment and Supply**

Administration

## **Water Treatment**

West Hartford

Bloomfield

Facilities & Ground Maintenance

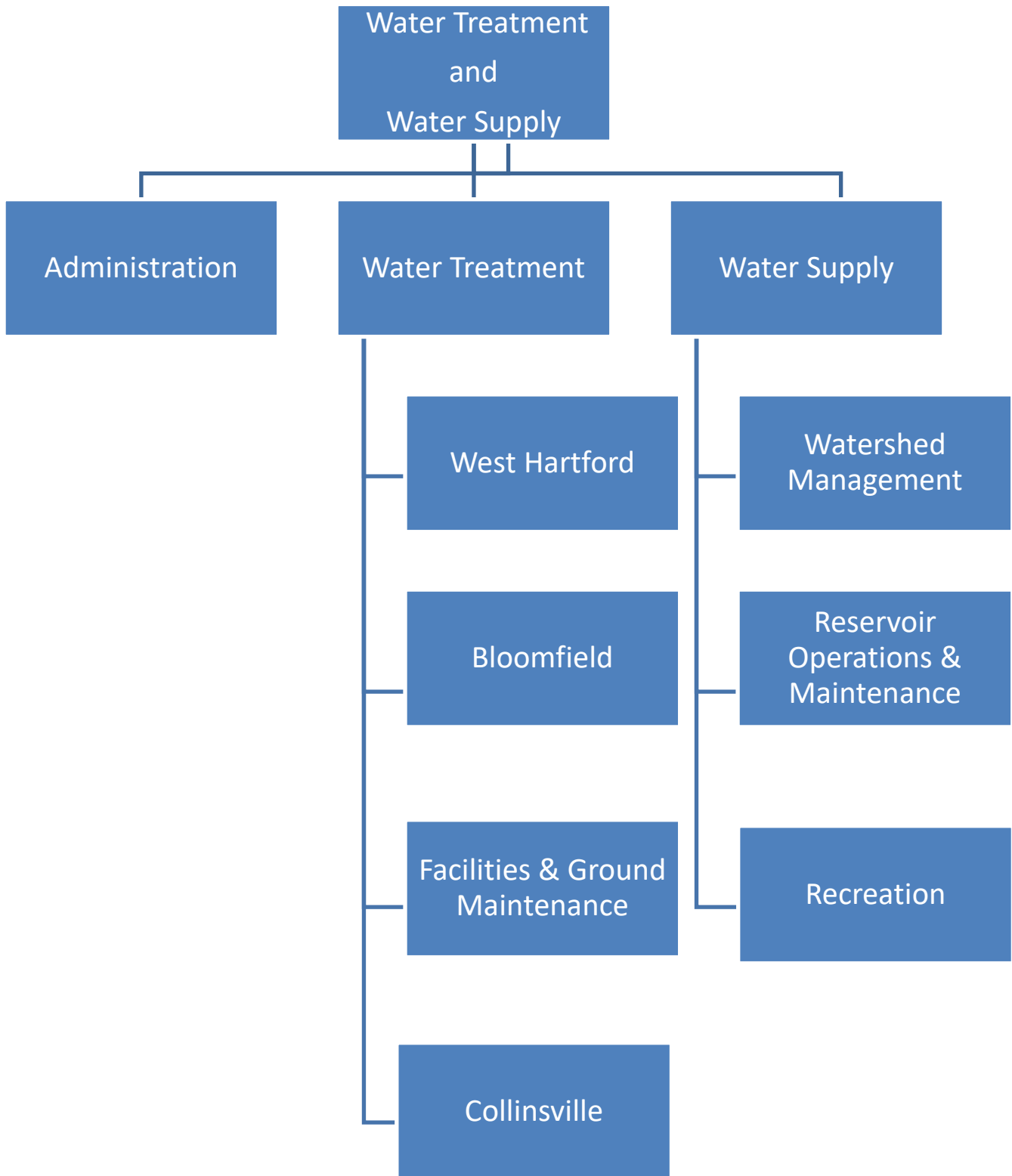
Collinsville

## **Water Supply**

Watershed Maintenance

Reservoir Operations & Maintenance

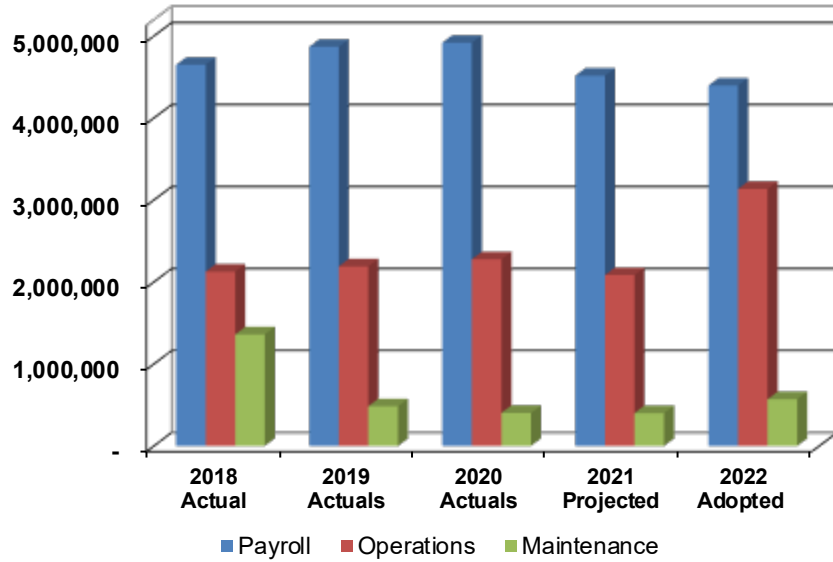
Recreation



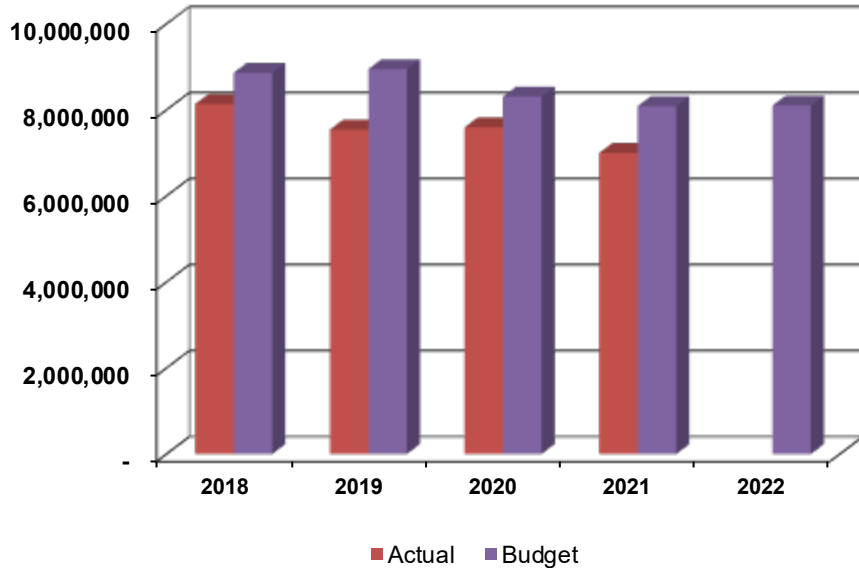


# Water Treatment & Supply

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	4,649,321	4,868,600	4,917,671	4,516,136	4,396,185
Operations	2,126,152	2,188,993	2,276,281	2,084,540	3,134,569
Maintenance	1,360,592	482,519	401,369	399,879	570,400
<b>Total</b>	<b>8,136,065</b>	<b>7,540,112</b>	<b>7,595,321</b>	<b>7,000,555</b>	<b>8,101,154</b>



	2018	2019	2020	2021	2022
Actual	8,136,065	7,540,112	7,595,321	7,000,555	
Budget	8,861,500	8,944,700	8,310,200	8,087,800	8,101,154
Variance	(725,435)	(1,404,588)	(714,879)	(1,087,245)	

# **Water Treatment & Supply**

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## **Summary**

### **Description**

The Water Treatment and Supply Department is responsible for the management, treatment and transmission of the District's water supplies, and for associated programs related to the District's role as a regional water utility.

The Department, which is headed by the Manager of Water Treatment, comprises of the following activities: Water Treatment, which includes the West Hartford, Bloomfield and Collinsville Water Treatment Facilities; and Supply, which includes the Watershed Management, Reservoir Operation and Maintenance and Recreation activities.

### **Budget Commentary**

The Water Treatment and Supply adopted department budget for 2022 is \$8,101,154, an increase of \$13,354 or 0.2% above the 2021 adopted level. Budget details pertaining to the Water Treatment and Supply activities follow.

# Water Treatment and Supply

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	508,978	535,800	526,209	551,461
West Hartford	2,730,687	2,880,400	2,509,407	2,818,032
Bloomfield	1,351,663	1,303,500	1,262,433	1,436,793
Facilities & Ground Maintenance	707,507	707,800	729,560	809,891
Collinsville	121,147	153,400	133,184	169,000
Waterhshed Management	476,212	551,300	340,763	220,755
Reservoir Operations & Maintenance	1,694,235	1,910,800	1,490,958	2,057,822
Recreation	4,892	44,800	8,041	37,400
<b><i>Total Summary by Activity</i></b>	<b>7,595,321</b>	<b>8,087,800</b>	<b>7,000,555</b>	<b>8,101,154</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	4,412,234	4,341,000	3,899,210	3,932,335
Overtime 100%	-	-	-	-
Overtime 150%	313,299	303,200	416,635	254,500
Overtime 200%	119,291	158,000	136,923	135,000
Temporary Help	-	25,000	-	25,000
Standby & Premium Pay	65,934	55,500	57,343	44,300
Longevity Pay	6,913	7,200	6,025	5,050
<b><i>Total Payroll</i></b>	<b>4,917,671</b>	<b>4,889,900</b>	<b>4,516,136</b>	<b>4,396,185</b>
Operations	2,282,866	2,657,500	2,088,833	3,145,569
Maintenance	394,784	540,400	395,586	559,400
Capital Outlay	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>7,595,321</b>	<b>8,087,800</b>	<b>7,000,555</b>	<b>8,101,154</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation 0%	-	-	-	-
Water Allocation 100%	7,595,321	8,087,800	7,000,555	8,101,154
<b><i>Total Funding Allocation</i></b>	<b>7,595,321</b>	<b>8,087,800</b>	<b>7,000,555</b>	<b>8,101,154</b>
<b><i>Authorized Positions</i></b>				
Administration	4	4	4	4
West Hartford	14	13	11	11
Bloomfield	6	5	6	6
Facilities & Ground Maintenance	7	7	8	8
Collinsville	-	-	-	-
Reservoir Operations & Maintenance	4	4	4	1
Water Supply	14	14	14	13
Recreation	-	-	-	-
<b><i>Total Authorized Positions</i></b>	<b>49</b>	<b>47</b>	<b>47</b>	<b>43</b>

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**Administration****Description**

The Administration activity is responsible for the overall administration and management of the Water Treatment and Water Supply department. The Manager of Water Treatment heads the Administration unit with support from Assistant Managers and administrative staff.

**Budget Commentary**

The 2022 adopted Water Treatment and Supply Administration budget is \$551,461, an increase of \$15,661 or 2.9% above the adopted level for 2021.

**Payroll: \$8,261**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in *Overtime*.
- *Longevity Pay* has increased based upon participation.

**Operations: \$7,400**

- *Seminars & Conventions* are increasing based on anticipated travel restrictions being lifted.
- *Outside Services* are increasing due to expenditures required for 2022 dam inspections.

Administration

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	480,537	503,900	499,265	513,636
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	538	3,200	-	1,500
501050	Overtime 200%	-	-	-	-
501020	Temporary Help	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,400	1,500	1,500	1,725
	<b><i>Total Payroll</i></b>	<b>482,475</b>	<b>508,600</b>	<b>500,765</b>	<b>516,861</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	1,095	1,000	701	1,000
511020	Mileage Allowance	-	200	-	200
511100	Seminars & Conventions	3,180	4,000	1,731	6,000
511120	Meeting Expenses	266	700	259	700
511210	Books & Periodicals	368	500	144	500
511220	Dues & Memberships	866	1,800	1,537	1,800
512080	Outside Services	3,600	10,000	14,607	15,000
512310	Permits	1,410	2,000	2,263	2,400
513010	Office Supplies	5,813	7,000	4,104	7,000
511070	Employee Reimbursement	98	-	98	-
512220	Engineering Professional Fees	9,807	-	-	-
	<b><i>Total Operations</i></b>	<b>26,503</b>	<b>27,200</b>	<b>25,444</b>	<b>34,600</b>
	<b><i>Total Expenditure Classification</i></b>	<b>508,978</b>	<b>535,800</b>	<b>526,209</b>	<b>551,461</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	508,978	535,800	526,209	551,461
	<b><i>Total Funding Allocation</i></b>	<b>508,978</b>	<b>535,800</b>	<b>526,209</b>	<b>551,461</b>
	<b><i>Authorized Positions</i></b>				
	Administrative Assistant	1	1	1	1
	Asst. Manager of WT	1	1	1	1
	Manager of Water Treatment & Supp	1	1	1	1
	Senior Clerk	1	1	1	1
	<b><i>Total Authorized Positions</i></b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

## Water Treatment - West Hartford

### Description

The Water Treatment, West Hartford, sub-activity is responsible for the West Hartford Treatment Facility, an operation that involves the daily treatment of more than 40 million gallons of water; the washing and maintenance of slow sand filter beds, and the maintenance of treatment equipment.

### Budget Commentary

The West Hartford Water Treatment adopted budget for 2022 is \$2,818,032. This is decrease of \$62,368 or 2.2% below the 2021 adopted budget.

### **Payroll: (\$224,068)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees and is offset by a decrease in headcount.
- All of the other payroll expenditures are expected to drop due to a decrease in headcount and anticipated drop in the need for overtime.

### **Operations: \$181,700**

- *Outside Services* are expected to increase due to increase in minimum wage affecting rates for temporary workforce.
- There is an anticipated increase in expenditures for *Fuel, Electricity, Sodium Hydroxide, Hydrofluosilicic Acid, Sodium Hypochlorite* and *Orthophosphate* due to rise in commodity prices.
- A realignment of *Clothing Allowance, Meals Allowance, and Refuse Collection & Disposal and Other Equipment Rental* funding reflects anticipated spending.

### **Maintenance: \$0**

- No changes are anticipated for the coming year.

Water Treatment - West Hartford

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	1,206,840	1,192,400	882,221	1,029,782
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	202,168	150,000	277,697	100,000
501050	Overtime 200%	44,233	55,000	62,534	35,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	41,959	36,000	36,111	25,300
501070	Longevity Pay	2,838	3,000	2,250	2,250
	<i><b>Total Payroll</b></i>	<b>1,498,038</b>	<b>1,436,400</b>	<b>1,260,813</b>	<b>1,192,332</b>
	<i><b>Operations</b></i>				
511010	Clothing Allowance	9,295	8,000	7,983	7,500
511030	Meals Allowance	630	800	560	500
512080	Outside Services	266,857	287,000	272,121	305,000
512410	Refuse Collection & Disposal	5,506	5,800	5,388	6,300
513010	Office Supplies	368	-	-	-
513020	Janitorial Supplies	939	1,000	90	1,000
513120	Safety Supplies	1,989	2,000	11	2,000
513140	Electrical Supplies	524	2,000	1,958	2,000
513160	Chemical/Oil Spill Supplies	910	1,000	-	1,000
513170	Bedwash Supplies	20,513	30,000	11,617	30,000
513400	Small Tools & Equipment	4,535	3,500	3,962	3,500
513690	Materials From Stock	4,185	10,000	4,165	10,000
513710	Fuel	46,504	60,000	51,932	75,000
513720	Diesel Fuel	1,164	1,500	-	1,500
514010	Electricity	202,163	230,000	192,731	276,000
515020	Sodium Hydroxide	219,109	276,000	254,942	317,000
515050	Hydrofluosilicic Acid	71,658	84,500	68,661	94,800
515060	Sodium Hypochlorite	125,295	151,000	141,366	169,000
515100	Orthophosphate	160,135	193,000	159,833	227,700
515030	Chlorine	649	-	-	-
511220	Dues & Memberships	86	-	-	-
511050	Employee Education Program	224	-	-	-
511070	Employee Reimbursement	158	-	-	-
513050	Water Conservation Supplies	7,442	-	-	-
523140	Other Equipment Rental	-	1,000	-	-
	<i><b>Total Operations</b></i>	<b>1,150,838</b>	<b>1,348,100</b>	<b>1,177,320</b>	<b>1,529,800</b>
	<i><b>Maintenance</b></i>				
521020	Safety Equipment	2,257	500	185	500
521070	Pump Station Equipment	-	1,000	1,107	1,500
521080	Tool & Work Equipment	3,993	4,000	3,920	4,000
521100	Treatment Equipment	68,601	80,400	58,960	79,900
522010	Facilities R&M	6,960	10,000	7,102	10,000
	<i><b>Total Maintenance</b></i>	<b>81,811</b>	<b>95,900</b>	<b>71,274</b>	<b>95,900</b>
	<i><b>Total Expenditure Classification</b></i>	<b>2,730,687</b>	<b>2,880,400</b>	<b>2,509,407</b>	<b>2,818,032</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	2,730,687	2,880,400	2,509,407	2,818,032
	<i><b>Total Funding Allocation</b></i>	<b>2,730,687</b>	<b>2,880,400</b>	<b>2,509,407</b>	<b>2,818,032</b>

# Water Treatment and Supply

2210020010

## Water Treatment - West Hartford

Authorized Positions	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Certified WT Crew Leader	3	3	-	-
Water Treatment Plant Crew Leader	2	1	4	4
Water Treatment Plant Operator	5	5	1	1
Water Treatment Plant Operator 1	-	-	3	3
Water Treatment Plant Shift Supv.	3	3	2	2
Water Treatment Plant Ops Supv.	1	1	1	1
<i>Total Authorized Positions</i>	14	13	11	11



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## Water Treatment - Bloomfield

### Description

The Water Treatment, Bloomfield, sub-activity is responsible for the operation of the Bloomfield (Reservoir No. 6) Water Treatment Facility. This operation includes the daily treatment of more than 15 million gallons of water, backwashing and maintenance of rapid sand filter beds, equipment and other structures.

### Budget Commentary

The 2022 budget for Bloomfield Water Treatment totals \$1,436,793, an increase of \$133,293 or a 10.2% above the 2021 adopted level.

#### **Payroll: \$83,293**

- *Regular Pay and Overtime* includes increments and cost-of-living increases for eligible employees, and an increase in headcount.

#### **Operations: \$50,000**

- There is an anticipated increase in expenditures for *Fuel, Electricity, Aluminum Sulfate, Sodium Hydroxide, Hydrofluosilicic Acid, Orthophosphate* among other chemicals due to rise in commodity prices.
- There is an anticipated reduction in other various allotments based on historical spending.

#### **Maintenance: \$0**

- No changes are anticipated for the coming year.

# Water Treatment and Supply

2210020020

## Water Treatment - Bloomfield

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	599,773	463,400	526,444	543,693
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	38,235	50,000	59,285	52,000
501050	Overtime 200%	26,714	30,000	27,431	31,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	23,975	18,000	21,232	18,000
501070	Longevity Pay	-	-	-	-
	<b>Total Payroll</b>	<b>688,697</b>	<b>561,400</b>	<b>634,392</b>	<b>644,693</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	4,902	4,500	3,773	4,500
511020	Mileage Allowance	-	-	157	-
511030	Meals Allowance	43	200	198	200
511050	Employee Education Program	5,045	-	-	-
511070	Employee Reimbursement	98	-	-	-
511220	Dues & Memberships	344	-	-	-
512080	Outside Services	27,822	23,000	23,679	24,000
512410	Refuse Collection & Disposal	4,038	4,300	3,897	4,700
512430	Sludge Removal	-	1,000	-	-
513010	Office Supplies	224	-	-	-
513020	Janitorial Supplies	1,013	1,500	1,163	1,500
513400	Small Tools & Equipment	-	1,200	-	800
513690	Materials From Stock	6,172	6,000	1,079	6,000
513710	Fuel	16,242	27,000	24,015	33,800
514010	Electricity	134,277	170,000	133,369	180,000
515010	Aluminum Sulfate	70,738	72,000	69,107	77,000
515020	Sodium Hydroxide	69,795	76,000	63,537	84,000
515030	Chlorine	13,935	5,000	4,105	5,200
515050	Hydrofluosilicic Acid	22,588	34,000	22,851	38,000
515060	Sodium Hypochlorite	44,045	53,000	49,859	56,000
515090	Powdered Carbon	74,147	79,000	46,970	77,000
515100	Orthophosphate	70,930	68,000	62,854	84,000
521010	Land Equipment	213	-	-	-
523140	Other Equipment Rental	-	1,000	-	-
	<b>Total Operations</b>	<b>566,611</b>	<b>626,700</b>	<b>510,613</b>	<b>676,700</b>
	<b><i>Maintenance</i></b>				
521020	Safety Equipment	2,807	2,400	1,906	2,400
521100	Treatment Equipment	88,941	85,000	88,248	85,000
522010	Facilities R&M	4,607	28,000	27,274	28,000
	<b>Total Maintenance</b>	<b>96,355</b>	<b>115,400</b>	<b>117,428</b>	<b>115,400</b>
	<b>Total Expenditure Classification</b>	<b>1,351,663</b>	<b>1,303,500</b>	<b>1,262,433</b>	<b>1,436,793</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	1,351,663	1,303,500	1,262,433	1,436,793
	<b>Total Funding Allocation</b>	<b>1,351,663</b>	<b>1,303,500</b>	<b>1,262,433</b>	<b>1,436,793</b>
	<b><i>Authorized Positions</i></b>				
	Certified WT CL	3	2	-	-
	WT Plant Crew Leader	-	-	2	2
	WT Plant Operations Supervisor	1	1	1	1
	WT Plant Operator 1	2	2	3	3
	<b>Total Authorized Positions</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>6</b>

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**Water Treatment - Facilities & Grounds Maintenance****Description**

The Water Treatment Facilities & Grounds Maintenance sub-activity is responsible for the lands adjacent to the watershed areas (including roads and grounds) associated with the series of reservoirs in West Hartford and Bloomfield.

**Budget Commentary**

The Water Treatment Facilities & Grounds Maintenance adopted budget for 2022 is \$809,891, an increase of 102,091 or a 14.4% above the adopted level for 2021.

**Payroll: \$101,022**

- *Regular Pay* and *Overtime* includes increments and cost-of-living increases for eligible employees, including an increase in headcount.

**Operations: (\$931)**

- *Tools* and *Small Tools & Equipment* expenditures are expected to decrease in 2022 based on historical spending.
- *Other Supplies* which were to be considered *Materials from Stock in 2021* are being reclassified to *Rock Sand & Dirt* for 2022.

**Maintenance: \$2,000**

- *Tool & Work Equipment* is expected to increase based on historical spending.

Water Treatment – Facilities & Grounds Maintenance

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	641,170	567,100	638,886	668,622
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	30,432	30,000	26,728	30,000
501050	Overtime 200%	10,745	18,000	12,237	18,000
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	1,000	-	500
501070	Longevity Pay	-	-	-	-
	<b>Total Payroll</b>	<b>682,347</b>	<b>616,100</b>	<b>677,851</b>	<b>717,122</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	2,689	2,800	3,141	2,800
511030	Meals Allowance	10	300	240	300
512080	Outside Services	11,704	22,000	16,629	22,000
513120	Safety Supplies	-	-	172	-
513390	Other Supplies	-	15,000	-	-
513400	Small Tools & Equipment	923	4,000	634	3,000
513430	Rock Sand & Dirt	479	-	7,988	16,569
513820	Tools	66	1,500	-	-
	<b>Total Operations</b>	<b>15,871</b>	<b>45,600</b>	<b>28,804</b>	<b>44,669</b>
<b><i>Maintenance</i></b>					
521010	Land Equipment	4,781	15,000	6,696	15,000
521020	Safety Equipment	95	600	42	600
521080	Tool & Work Equipment	1,862	500	4,014	2,500
522010	Facilities R&M	2,498	10,000	6,928	10,000
522110	Reservoir R&M	53	12,000	4,837	12,000
522120	Service Roads R&M	-	8,000	388	8,000
	<b>Total Maintenance</b>	<b>9,289</b>	<b>46,100</b>	<b>22,905</b>	<b>48,100</b>
	<b>Total Expenditure Classification</b>	<b>707,507</b>	<b>707,800</b>	<b>729,560</b>	<b>809,891</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	707,507	707,800	729,560	809,891
	<b>Total Funding Allocation</b>	<b>707,507</b>	<b>707,800</b>	<b>729,560</b>	<b>809,891</b>
<b><i>Authorized Positions</i></b>					
	Bldg & Grounds Maintainer	1	1	-	-
	Construction & Repair Specialist	1	1	-	-
	Facility Maintainer 1	3	3	5	5
	Facility Maintainer Crew Leader	-	-	1	1
	Sr Water Supply Maintenance Supv.	1	1	1	1
	Water Supply Maintainer 2	1	1	1	1
	<b>Total Authorized Positions</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>

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**Water Treatment - Collinsville****Description**

The Water Treatment, Collinsville sub-activity, is responsible for the treatment of approximately 460,000 gallons per day of water that is provided to the Connecticut Water Company's Collinsville division pursuant to an agreement. The operation includes treatment of water, backwashing and maintenance of the filtration system and maintenance of the treatment equipment and building structure.

**Budget Commentary**

The adopted 2022 budget for Water Treatment, Collinsville is \$169,000, an increase of \$15,600 or 10.2% above the 2021 adopted level.

**Operations: \$15,600**

- There is an anticipated increase in expenditures for *Fuel, Electricity and Water Treatment Chemicals* due to rise in commodity prices, partially offset by a decrease in *Materials from Stock and Outside Services*.

**Maintenance: \$0**

- No changes are anticipated for the coming year.

# Water Treatment and Supply

2210020040

## Water Treatment - Collinsville

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	-	-	-	-
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<i><b>Total Payroll</b></i>	-	-	-	-
	<i><b>Operations</b></i>				
512080	Outside Services	366	3,000	1,743	2,000
512410	Refuse Collection & Disposal	1,195	1,300	1,273	1,300
512430	Sludge Removal	4,035	6,000	4,150	6,000
513400	Small Tools & Equipment	94	500	-	500
513690	Materials From Stock	-	7,000	1,067	6,000
513710	Fuel	8,757	13,500	12,145	14,400
514010	Electricity	58,848	72,000	52,798	86,400
515010	Aluminum Sulfate	2,414	3,600	3,203	3,600
515030	Chlorine	5,833	9,500	7,392	9,500
515100	Orthophosphate	5,628	6,000	4,491	6,000
515140	Water Treatment Chemicals	7,219	11,000	10,828	13,300
	<i><b>Total Operations</b></i>	94,389	133,400	99,090	149,000
	<i><b>Maintenance</b></i>				
521100	Treatment Equipment	25,928	18,500	24,098	18,500
522100	Landscape R&M	10	-	-	-
522010	Facilities R&M	820	1,500	9,996	1,500
	<i><b>Total Maintenance</b></i>	26,758	20,000	34,094	20,000
	<i><b>Total Expenditure Classification</b></i>	121,147	153,400	133,184	169,000
	<u><b>Funding Allocation</b></u>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	121,147	153,400	133,184	169,000
	<i><b>Total Funding Allocation</b></i>	121,147	153,400	133,184	169,000

## Watershed Management

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### Description

The Watershed Management unit is responsible for protecting the health of the public water supply watershed lands that drain to the MDC's drinking water supplies and managing MDC's land holdings and natural resources, including forests, wildlife, water, and sand and gravel in order to maintain safe and optimum sources of water supply. Duties include developing and implementing sustainable forestry and wildlife management practices on MDC lands, planning and overseeing timber harvesting operations, supervision of contract loggers, implementing erosion and sediment controls, conducting the annual Watershed Inspection Program to prevent potential sources of pollution on non-MDC owned watershed lands, making recommendations for the acquisition of watershed land, overseeing enforcement of environmental laws and regulations to protect water quality, conducting reservoir and stream sampling, and implementing emergency spill response. In addition, personnel conduct various forestry and watershed protection educational programs and projects.

### Budget Commentary

The Watershed Management 2022 budget totals \$220,755, a decrease of \$330,545 or 60.0% below the budget for 2021.

#### **Payroll: (\$314,645)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in headcount.

#### **Operations: (\$4,900)**

- Various allotments, *Clothing Allowance*, *Ground Care* and *Licenses & Registration*, are expected to decrease to align with anticipated spending.

#### **Maintenance: (\$11,000)**

- *Land Equipment* is anticipated to decrease to align with anticipated spend for 2022.

Watershed Management

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	412,799	425,400	280,160	115,405
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	1,000
501050	Overtime 200%	-	5,000	-	1,000
501020	Temporary Pay	-	10,000	-	10,000
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	1,850	1,900	1,450	250
	<i><b>Total Payroll</b></i>	<b>414,649</b>	<b>442,300</b>	<b>281,610</b>	<b>127,655</b>
	<i><b>Operations</b></i>				
511010	Clothing Allowance	2,975	4,000	1,162	3,000
511050	Employee Education Program	98	-	-	-
511070	Employee Reimbursement	520	-	50	-
512080	Outside Services	34,000	40,000	32,039	42,000
512350	Ground Care	2,000	20,000	17,561	15,000
512840	Licenses & Registration	192	1,000	170	600
513010	Office Supplies	875	-	141	-
513060	Information Systems Supplies	115	-	-	-
513160	Chemical/Oil Spill Supplies	2,804	2,500	50	2,500
513400	Small Tools & Equipment	4,690	6,000	5,418	6,000
513790	Alloy Chain	438	-	-	-
519100	Printing	1,024	1,500	360	1,000
521170	Mains & Manholes Equipment	800	-	-	-
	<i><b>Total Operations</b></i>	<b>50,531</b>	<b>75,000</b>	<b>56,951</b>	<b>70,100</b>
	<i><b>Maintenance</b></i>				
521010	Land Equipment	10,097	31,000	1,898	20,000
521050	Office Furniture Equipment	358	-	-	-
521080	Tool & Work Equipment	577	3,000	304	3,000
	<i><b>Total Maintenance</b></i>	<b>11,032</b>	<b>34,000</b>	<b>2,202</b>	<b>23,000</b>
	<i><b>Total Expenditure Classification</b></i>	<b>476,212</b>	<b>551,300</b>	<b>340,763</b>	<b>220,755</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	476,212	551,300	340,763	220,755
	<i><b>Total Funding Allocation</b></i>	<b>476,212</b>	<b>551,300</b>	<b>340,763</b>	<b>220,755</b>
	<i><b>Authorized Positions</b></i>				
	Forester	1	1	1	1
	Forestry Technician	1	1	1	-
	Natural Resources Administrator	1	1	1	-
	Watershed Inspector	1	1	1	-
	<i><b>Total Authorized Positions</b></i>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1</b>



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**Reservoir Operations & Maintenance**

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**Description**

The Reservoir Operations and Maintenance unit operates and maintains water supply reservoirs, dams, raw water transmission pipelines, pump stations and tunnels, service roads, hydroelectric power facilities and recreation facilities. The unit is also responsible for balancing reservoir levels and control of water releases to the Farmington River. The unit performs emergency spill response to protect the reservoirs. The unit maintains District lands and the associated roads, bridges, fences, signs, and performs construction duties as required. The unit provides plumbing, electrical and maintenance support to the Water Treatment Department as needed.

**Budget Commentary**

The 2022 adopted Reservoir Operations and Maintenance budget of \$2,057,822 is increasing by \$147,022 or 7.7% above the level adopted for 2021.

**Payroll: (\$127,578)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, offset by a decrease in headcount.

**Operations: \$246,600**

- Outside Services are increasing due to addition of HVAC Contract and Turbine/HPU Service.
- *Riparian* is expected to increase with relation to an ongoing effort to exit all operations at Colebrook Dam.
- *Fuel* and *Electricity* are increasing due to rise in commodity prices.
- A realignment of *Employee Education Program, Dues & Memberships, Other Equipment Rental and Fuel* funding reflects anticipated spending.

**Maintenance: \$28,000**

- *Tool & Work Equipment and Mains & Manholes Equipment* costs are increasing to align with anticipated spend on expenditure related to well and pipeline inspections.

**Reservoir Operations & Maintenance**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	1,071,115	1,188,800	1,072,234	1,061,197
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	41,926	70,000	52,925	70,000
501050	Overtime 200%	37,599	50,000	34,721	50,000
501020	Temporary Pay	-	15,000	-	15,000
501060	Standby & Premium Pay	-	500	-	500
501070	Longevity Pay	825	800	825	825
	<b>Total Payroll</b>	<b>1,151,465</b>	<b>1,325,100</b>	<b>1,160,705</b>	<b>1,197,522</b>
	<b><i>Operations</i></b>				
511010	Clothing Allowance	9,186	12,400	7,013	11,000
511030	Meals Allowance	130	300	90	300
512050	Custodial Services	15,205	19,000	14,957	19,000
512080	Outside Services	154,073	50,000	32,770	75,000
512310	Permits	-	500	-	500
512390	Riparian	-	60,000	-	250,000
512410	Refuse Collection & Disposal	1,474	3,000	622	3,000
512440	Septic Tank Pumping	-	3,500	945	3,000
513140	Electrical Supplies	1,812	-	-	-
513400	Small Tools & Equipment	10,287	-	-	-
513410	Asphalt Products	214	-	-	-
513170	Bedwash Supplies	477	-	-	-
511050	Employee Education Program	235	-	-	-
512220	Engineering Professional Fees	14,710	-	-	-
522150	Gis R&M	704	-	-	-
513130	Recreation & Field Supplies	90	-	75	-
513120	Safety Supplies	8,046	-	-	-
513430	Rock Sand & Dirt	29,556	-	-	-
513690	Materials From Stock	2,591	5,000	5,147	5,000
513710	Fuel	32,569	80,000	42,244	87,500
514010	Electricity	83,036	95,000	72,091	126,000
515310	Fertilizer & Weed Control Chemicals	-	18,000	-	18,000
512710	Outside Testing & Lab Services	402	-	-	-
521180	Fire Equipment	2,700	3,000	2,649	3,000
523140	Other Equipment Rental	7,604	20,000	6,819	15,000
	<b>Total Operations</b>	<b>375,101</b>	<b>369,700</b>	<b>185,490</b>	<b>616,300</b>
	<b><i>Maintenance</i></b>				
521010	Land Equipment	19,518	30,000	12,798	30,000
521080	Tool & Work Equipment	16,764	18,000	8,660	43,000
521100	Treatment Equipment	2,931	-	-	-
521170	Mains & Manholes Equipment	355	5,000	446	8,000
522010	Facilities R&M	56,154	48,000	35,494	48,000
522110	Reservoir R&M	57,285	80,000	67,576	80,000
522120	Service Roads R&M	14,662	35,000	19,789	35,000
	<b>Total Maintenance</b>	<b>167,669</b>	<b>216,000</b>	<b>144,763</b>	<b>244,000</b>
	<b>Total Expenditure Classification</b>	<b>1,694,235</b>	<b>1,910,800</b>	<b>1,490,958</b>	<b>2,057,822</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	1,694,235	1,910,800	1,490,958	2,057,822
	<b>Total Funding Allocation</b>	<b>1,694,235</b>	<b>1,910,800</b>	<b>1,490,958</b>	<b>2,057,822</b>

**Reservoir Operations & Maintenance**

<b>Authorized Positions</b>	<b>2020 Actuals</b>	<b>2021 Adopted</b>	<b>2021 Projected</b>	<b>2022 Adopted</b>
Facility Maintenance Crew Leader	1	1	1	1
Facility Maintainer 1	4	4	5	5
Facility Maintainer 2	4	4	4	3
Hydroelectric Plant Operator	1	1	1	1
Hydroelectric Plant Supervisor	1	1	1	1
Water Supply Maintainer 2	1	1	1	1
Sr Water Supply Maintenance Supv.	1	1	1	1
Utility Maintainter 1	1	1	-	-
<i>Total Authorized Positions</i>	<b>14</b>	<b>14</b>	<b>14</b>	<b>13</b>

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**Recreation****Description**

The Recreation unit is responsible for the operation and maintenance of the Lake McDonough Recreation Area during the summer recreation season. The unit maintains the grounds, reservoir levels, roads, beaches, boat house and restroom facilities and works closely with the Patrol Department and Summer Recreational staff.

**Budget Commentary**

The 2022 adopted Recreation budget of \$37,400 is decreasing by \$7,400 or 16.5% below the level adopted for 2021.

**Payroll: \$0**

- No changes are anticipated in 2022.

**Operations: (\$7,400)**

- Various allotments, *Recreation & Fields Supplies*, *Tools* and *Electricity* are decreasing based on historical spending.

**Maintenance: \$0**

- No changes are anticipated in 2022.

Recreation

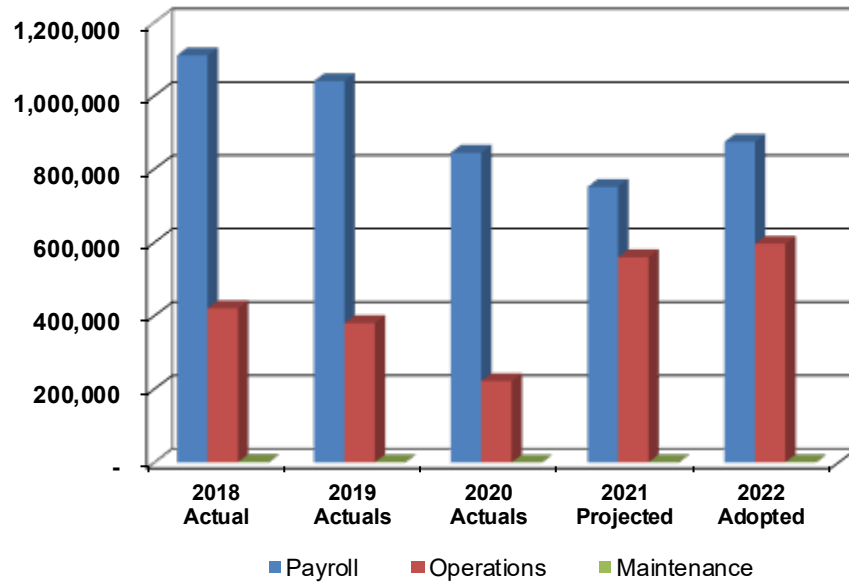
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	-	-	-	-
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<i><b>Total Payroll</b></i>	-	-	-	-
	<i><b>Operations</b></i>				
512260	Agency Hire	-	3,500	-	3,500
512440	Septic Tank Pumping	-	3,000	-	3,000
513130	Recreation & Field Supplies	2,078	12,000	1,569	8,000
513400	Small Tools & Equipment	-	400	-	400
513820	Tools	-	2,300	-	2,000
514010	Electricity	-	3,100	-	-
513010	Office Supplies	(535)	-	-	-
513030	Engineering Supplies	349	-	-	-
523140	Other Equipment Rental	1,130	7,500	3,552	7,500
	<i><b>Total Operations</b></i>	3,022	31,800	5,121	24,400
	<i><b>Maintenance</b></i>				
521010	Land Equipment	1,870	7,500	-	7,500
522010	Facilities R&M	-	5,500	2,920	5,500
	<i><b>Total Maintenance</b></i>	1,870	13,000	2,920	13,000
	<i><b>Total Expenditure Classification</b></i>	4,892	44,800	8,041	37,400
	<i><b>Funding Allocations</b></i>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	4,892	44,800	8,041	37,400
	<i><b>Total Funding Allocation</b></i>	4,892	44,800	8,041	37,400

**Patrol**  
Administration  
Recreation

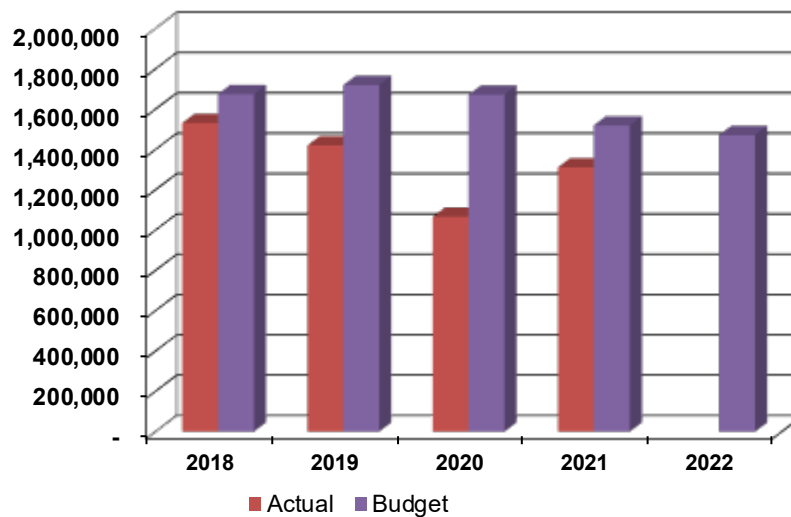


# Patrol

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	1,110,132	1,039,850	844,554	751,497	874,257
Operations	420,373	379,921	222,056	559,710	596,200
Maintenance	770	482	-	325	500
<b>Total</b>	<b>1,531,276</b>	<b>1,420,253</b>	<b>1,066,610</b>	<b>1,311,532</b>	<b>1,470,957</b>



	2018	2019	2020	2021	2022
Actual	1,531,276	1,420,253	1,066,610	1,311,532	
Budget	1,674,600	1,719,500	1,672,100	1,519,200	1,470,957
<b>Variance</b>	<b>(143,324)</b>	<b>(299,247)</b>	<b>(605,490)</b>	<b>(207,668)</b>	



# Patrol

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## Summary

### Description

Patrol is responsible for the security and surveillance of the District's water supply reservoirs, dams, water treatment facilities, watershed and some non-watershed lands (including land open to the public for recreation), recreational areas and roadways in and adjacent to District properties.

### Budget Commentary

The adopted 2022 budget for the Patrol Administration and Recreation is \$1,470,957, which has decreased by \$48,243 or 3.2% below the expenditure level adopted for 2021. Budget details regarding the activity and departments are provided on succeeding pages.

# Patrol

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Administration	1,064,528	1,107,700	1,023,250	1,184,957
Recreation	2,082	411,500	288,282	286,000
<b>Total Patrol</b>	<b>1,066,610</b>	<b>1,519,200</b>	<b>1,311,532</b>	<b>1,470,957</b>
<b><i>Summary by Major Account</i></b>				
<b>Payroll</b>				
Regular Pay	687,855	738,500	716,072	823,107
Overtime 100%	4,424	10,000	-	10,000
Overtime 150%	26,729	40,000	12,210	12,000
Overtime	11,344	20,000	12,754	18,000
Temporary Help	104,284	252,400	848	-
Standby & Premium Pay	9,093	10,400	8,463	10,000
Longevity Pay	825	1,200	1,150	1,150
<b>Total Payroll</b>	<b>844,554</b>	<b>1,072,500</b>	<b>751,497</b>	<b>874,257</b>
Operations	222,056	445,700	559,710	596,200
Maintenance	-	1,000	325	500
<b>Total Summary by Major Account</b>	<b>1,066,610</b>	<b>1,519,200</b>	<b>1,311,532</b>	<b>1,470,957</b>
<b><i>Funding Allocations</i></b>				
Sewer Allocation 0%	-	-	-	-
Water Allocation 100%	1,066,610	1,519,200	1,311,532	1,470,957
<b>Total Funding Allocation</b>	<b>1,066,610</b>	<b>1,519,200</b>	<b>1,311,532</b>	<b>1,470,957</b>
<b><i>Authorized Positions</i></b>				
Administration	7	7	8	8
Recreation	-	-	-	-
<b>Total Positions</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>

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**Administration****Description**

The Patrol Department was created in 2006 and is led by a Patrol Commander. Patrol is responsible for the security and surveillance of the District's water supply reservoirs, dams, water treatment facilities, recreation areas, watershed and some non-watershed lands (including land open to the public for recreation), and roadways in and adjacent to District properties. Patrol is responsible for the enforcement of MDC ordinances, state and local laws including fish and game, boating and motor vehicle regulations. When requested, District patrol officers assist State and local police. Officers undergo a training program mandated by the State and complies with all State requirements for law enforcement personnel with special police powers. Security forces will continue to focus on security issues to a greater degree in light of world events.

**Budget Commentary**

The adopted Patrol Administration budget for 2022 is \$1,184,957 which is \$77,257 or 7.0% above the 2021 adopted budget.

**Payroll: (\$43,743)**

- *Regular Pay* includes increments and cost-of-living increases for eligible employees, and the funding of 1 new position, offset by a reduction in *Overtime Pay, Standby & Premium and Temporary Help*.

**Operations: \$121,500**

- *Security Services* have been increased to include the funding for the security personnel contract that was historically paid out of the Patrol Recreation budget (2340010020). The Security is housed in our Headquarter facility which should be reflected in the administration budget.
- *Clothing Allowance* spending has reduced based upon the reduction of employees that need uniforms which will reduce all uniform related costs.
- *Seminars & Conventions* costs have been reduced due to no scheduled seminars for the upcoming year.
- *Dues & Memberships* expenses will increase due to the annual & semiannual scheduled renewal of state mandated licenses for the patrol officers in the upcoming year.

**Maintenance: (\$500)**

- *Tool & Work Equipment* will be reduced based on historic spend.

**Administration**

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Payroll</i></b>					
501010	Regular Pay	687,855	738,500	716,072	823,107
501030	Overtime 100%	4,424	10,000	-	10,000
501040	Overtime 150%	26,729	40,000	12,210	12,000
501050	Overtime 200%	11,344	20,000	12,754	18,000
501020	Temporary Pay	104,284	97,900	848	-
501060	Standby & Premium Pay	9,093	10,400	8,463	10,000
501070	Longevity Pay	825	1,200	1,150	1,150
	<b>Total Payroll</b>	<b>844,554</b>	<b>918,000</b>	<b>751,497</b>	<b>874,257</b>
<b><i>Operations</i></b>					
511010	Clothing Allowance	2,255	10,500	6,956	10,000
511030	Meals Allowance	-	300	20	300
511100	Seminars & Conventions	132	4,000	3,128	500
511120	Meeting Expenses	-	1,000	654	500
511210	Books & Periodicals	-	300	-	300
511220	Dues & Memberships	1,598	2,500	3,367	6,000
512080	Outside Services	14,907	20,500	6,666	20,000
512090	Security Services	197,571	120,000	232,378	245,000
513010	Office Supplies	1,897	5,000	1,762	5,000
513080	Communication Equipment & Supp.	1,214	22,000	15,631	20,000
513120	Safety Supplies	-	1,000	-	1,000
513130	Recreation & Field Supplies	-	300	574	300
513820	Tools	-	700	292	700
521020	Safety Equipment	-	600	-	600
512220	Engineering Professional Fees	400	-	-	-
	<b>Total Operations</b>	<b>219,974</b>	<b>188,700</b>	<b>271,428</b>	<b>310,200</b>
<b><i>Maintenance</i></b>					
521050	Office Furniture Equipment	-	500	199	500
521080	Tool & Work Equipment	-	500	126	-
	<b>Total</b>	<b>-</b>	<b>1,000</b>	<b>325</b>	<b>500</b>
<b>Total Expenditure Classification</b>		<b>1,064,528</b>	<b>1,107,700</b>	<b>1,023,250</b>	<b>1,184,957</b>
<b><i>Funding Allocation</i></b>					
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	1,064,528	1,107,700	1,023,250	1,184,957
	<b>Total Funding Allocation</b>	<b>1,064,528</b>	<b>1,107,700</b>	<b>1,023,250</b>	<b>1,184,957</b>
<b><i>Authorized Positions</i></b>					
	Conservation Ranger	1	2	3	3
	District Patrol Commander - Manager of Police Services	1	1	1	1
	District Patrol Officer	5	4	4	4
	<b>Total Authorized Positions</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>8</b>

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**Recreation****Description**

The Recreation unit is responsible for the supervision of swimming, boating and traffic control at Lake McDonough during the summer recreation season. Specific responsibilities include: lifeguard duties, ticket sales, boat rentals and launching, record keeping, radio communication, report writing, assisting in the upkeep of the area, and supervision of parking. The Recreation unit works closely with Water Supply and Patrol –Administration to provide safe and enjoyable recreational activities at Lake McDonough.

**Budget Commentary**

The adopted Recreation budget for 2022 totals \$286,000 which is \$125,500 or 30.5% lower than the expenditure level adopted for 2021.

**Payroll: (\$154,500)**

- *Temporary Pay* expenditure will not be utilized in 2022. The funding for "Temporary Help" will now be expensed under "Outside Services" (512080) as we are now utilizing a contractor to hire and provide our recreational staff.

**Operations: (\$125,000)**

- *Security Services* will be reduced as we are now funding the security personnel who resides in our Headquarter facility out of the Patrol Administrative budget (2340010010).
- *Outside Services* expenditure now includes the transition of funding from "Temporary Pay" as referenced in the "Payroll" commentary above.

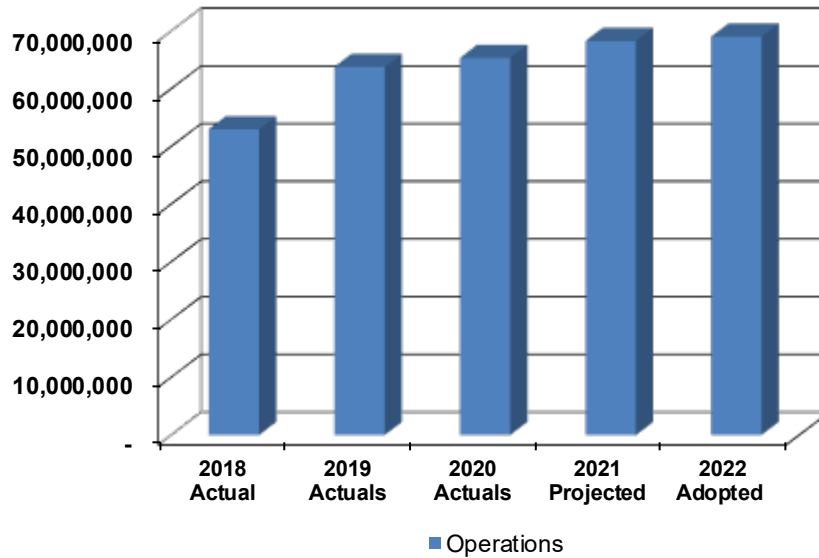
Recreation

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Payroll</i></b>				
501010	Regular Pay	-	-	-	-
501030	Overtime 100%	-	-	-	-
501040	Overtime 150%	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	154,500	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<b><i>Total Payroll</i></b>	-	154,500	-	-
	<b><i>Operations</i></b>				
511010	Clothing Allowance	-	2,500	-	2,500
512080	Outside Services	-	3,000	183,945	157,000
512090	Security Services	-	245,000	103,150	120,000
513010	Office Supplies	-	-	11	-
513080	Communication Equipment & Supp.	-	2,500	-	2,500
513120	Safety Supplies	57	1,500	(21)	1,500
513130	Recreation & Field Supplies	2,025	2,500	1,197	2,500
	<b><i>Total Operations</i></b>	2,082	257,000	288,282	286,000
	<b><i>Total Expenditure Classification</i></b>	2,082	411,500	288,282	286,000
	<b><i>Funding Allocations</i></b>				
	Sewer Allocation 0%	-	-	-	-
	Water Allocation 100%	2,082	411,500	288,282	286,000
	<b><i>Total Funding Allocation</i></b>	2,082	411,500	288,282	286,000

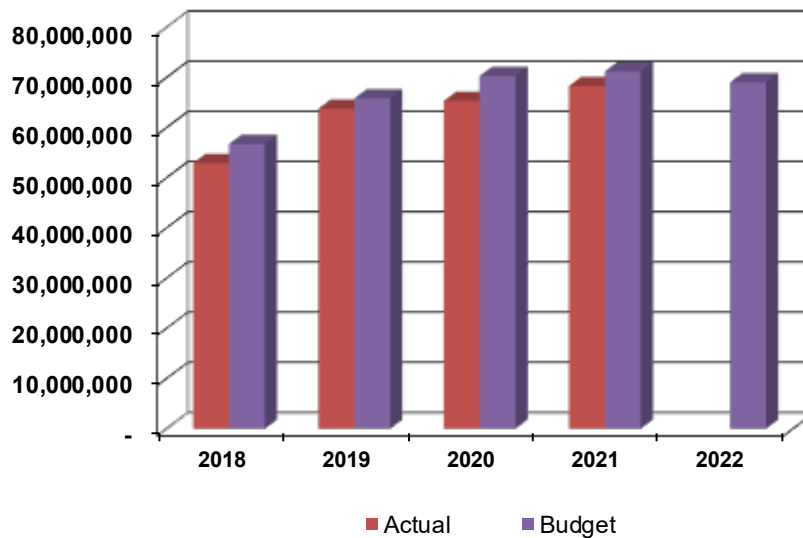
# Debt Service

# Debt Service

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
<b>Operations</b>	52,968,800	63,767,348	65,335,507	68,273,445	69,016,800
<b>Total</b>	52,968,800	63,767,348	65,335,507	68,273,445	69,016,800



	2018	2019	2020	2021	2022
<b>Actual</b>	52,968,800	63,767,348	65,335,507	68,273,445	
<b>Budget</b>	56,741,300	65,822,800	70,293,800	71,204,300	69,016,800
<b>Variance</b>	(3,772,500)	(2,055,452)	(4,958,293)	(2,930,855)	



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**Summary****Description**

The Debt Service account provides funding for the payment of interest and principal due on outstanding water, sewer and combined bonded debt. In addition, this account reflects the cost of interest and note issue expense when paid directly from the operating budget.

**Budget Commentary**

The adopted Debt Service budget for 2022 is \$69,016,800. This is a decrease of \$2,187,500 or 3.1% below the adopted 2021 level.

**Operations: (\$2,187,500)**

- *Interest on Bonds* and *Principal on Bonds* are decreasing based upon contribution in 2021 in support of 2022 Principal and Interest Sewer Fund Debt Payments.
- Expenses for *Interest & Note Issue* are decreasing due to a reduction in short term debt activity.

# Debt Service

7000010010

## Summary

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><i>Operations</i></b>				
512020	Legal Services	326,518	408,700	270,572	408,700
512080	Outside Services	-	-	5,255	-
517120	Int & Note Issue Expense	1,347,600	1,760,800	1,729,528	359,600
517060	Water Bond Principal	21,124,349	20,702,800	20,764,473	20,575,300
517090	Water Interest on Bonds	12,084,052	13,369,200	11,389,218	12,995,700
540020	Sewer Bond Principal	18,685,930	21,544,100	21,544,099	20,785,400
540030	Sewer Interest on Bonds	11,767,058	13,418,700	12,570,300	13,892,100
	<b><i>Total Expenditure Classification</i></b>	<b>65,335,507</b>	<b>71,204,300</b>	<b>68,273,445</b>	<b>69,016,800</b>
	<b><i>Funding Allocation</i></b>				
	Sewer Allocation	32,039,166	36,090,300	36,090,300	35,117,500
	Water Allocation	33,296,341	35,114,000	32,183,145	33,899,300
	<b><i>Total Funding Allocation</i></b>	<b>65,335,507</b>	<b>71,204,300</b>	<b>68,273,445</b>	<b>69,016,800</b>

# Debt Service

7000010010

## Sewer

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Operations</i></b>					
512020	Legal Services	295,459	251,000	245,746	251,000
512080	Outside Services	-	-	5,255	-
540020	Principal Bonds	18,685,930	21,544,100	21,544,099	20,785,400
540030	Interest On Bonds	11,767,058	13,418,700	12,570,300	13,892,100
517120	Int & Note Issue Expense	1,290,719	876,500	1,724,900	189,000
<b><i>Total Expenditure Classification</i></b>		<b>32,039,166</b>	<b>36,090,300</b>	<b>36,090,300</b>	<b>35,117,500</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 100%		32,039,166	36,090,300	36,090,300	35,117,500
Water Allocation 0%		-	-	-	-
<b><i>Total Funding Allocation</i></b>		<b>32,039,166</b>	<b>36,090,300</b>	<b>36,090,300</b>	<b>35,117,500</b>

# Debt Service

7000010010

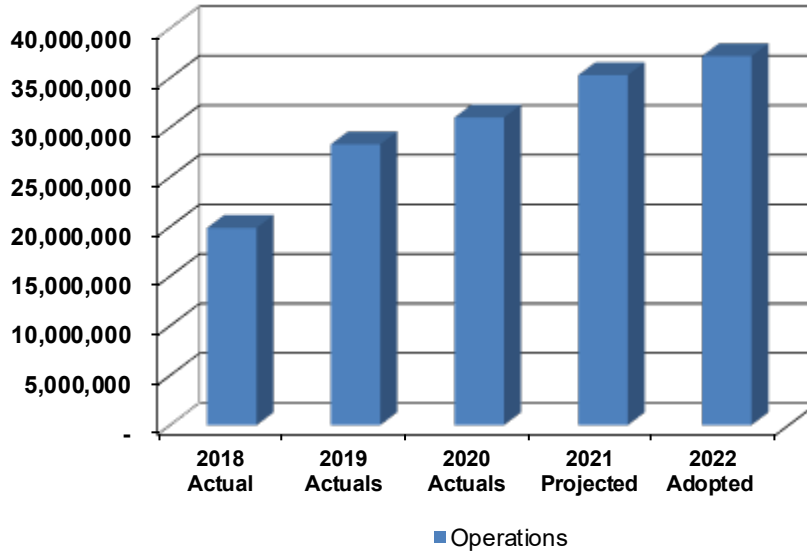
## Water

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Operations</i></b>					
512020	Legal Services	31,059	157,700	24,826	157,700
517060	Principal Bonds	21,124,349	20,702,800	20,764,473	20,575,300
517090	Interest On Bonds	12,084,052	13,369,200	11,389,218	12,995,700
517120	Int & Note Issue Expense	56,881	884,300	4,628	170,600
<b><i>Total Expenditure Classification</i></b>		<b>33,296,341</b>	<b>35,114,000</b>	<b>32,183,145</b>	<b>33,899,300</b>
<b><i>Funding Allocation</i></b>					
Sewer Allocation 0%		-	-	-	-
Water Allocation 100%		33,296,341	35,114,000	32,183,145	33,899,300
<b><i>Total Funding Allocation</i></b>		<b>33,296,341</b>	<b>35,114,000</b>	<b>32,183,145</b>	<b>33,899,300</b>

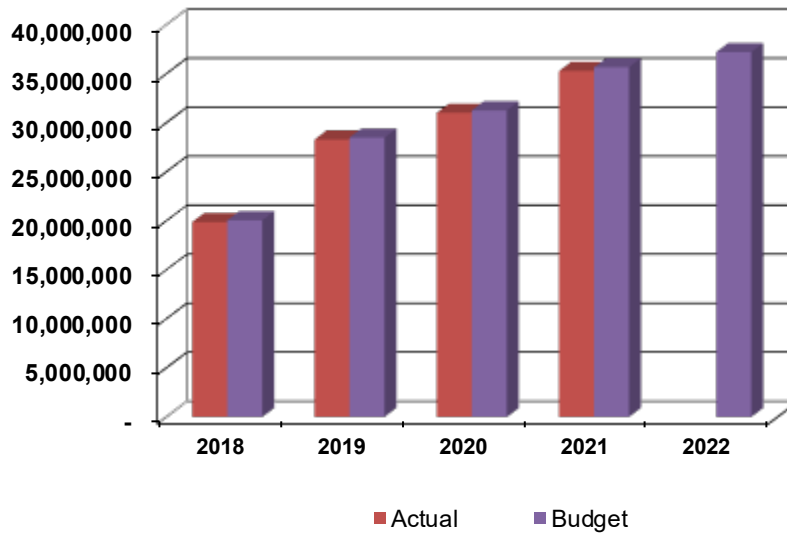
# **Employee Benefits**

# Employee Benefits

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Operations	19,892,632	28,312,171	31,034,229	35,297,020	37,216,674
<b>Total</b>	<b>19,892,632</b>	<b>28,312,171</b>	<b>31,034,229</b>	<b>35,297,020</b>	<b>37,216,674</b>



	2018	2019	2020	2021	2022
Actual	19,892,632	28,312,171	31,034,229	35,297,020	
Budget	20,060,100	28,507,900	31,278,000	35,676,700	37,216,674
<b>Variance</b>	<b>(167,468)</b>	<b>(195,729)</b>	<b>(243,771)</b>	<b>(379,680)</b>	

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**Summary****Description**

The Employee Benefits department comprises all direct costs for employee medical insurance and other employee benefits. The District provides a comprehensive medical insurance program for all of its full-time employees, a major element of the fringe benefit package, and for retirees. The District provides a defined benefit pension program for all full-time employees. The pension plan requires employees to contribute a specified percentage of their weekly wages (excluding overtime) to the pension fund, while the District contributes the balance needed to maintain an actuarially sound fund. In addition, this budget reflects the District's costs for Social Security and Unemployment Compensation Insurance.

**Budget Commentary**

The 2022 adopted Employee Benefits budget totals \$37,216,674, increasing by \$1,539,974 or 4.3% over the level adopted for 2021.

**Operations: \$1,539,974**

- *Medical Services, Pension and OPEB Contribution* have increased based upon the actuarially and consultant reports, offsetting these increases are slight decreases in *Medicare Part B, Social Security and Unemployment Compensation*.
- The establishment of *Retirement Payout Contribution* allotment for 2022.

# Employee Benefits

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## Summary

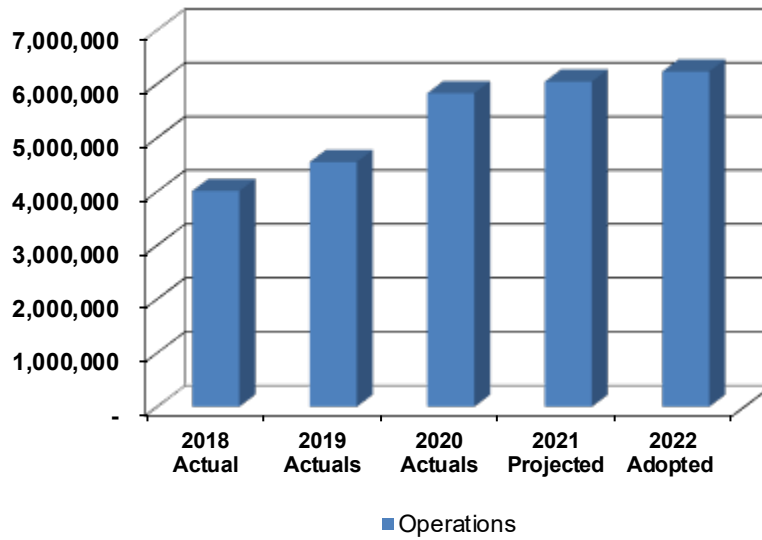
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Operations</i>					
503010	Medical Services	13,626,000	15,281,000	15,281,000	14,574,440
503050	Medicare Part B	606,602	654,200	588,648	650,946
503060	OPEB Trust Contribution	8,652,000	8,970,800	8,971,800	9,266,005
503070	Group Term Life - Employer	-	-	-	-
503100	Pension Regular	5,551,000	7,841,600	7,841,600	7,917,064
503110	Social Security	2,480,451	2,700,200	2,429,110	2,687,991
503120	Unemployment Compensation	21,377	59,600	20,273	25,000
503180	Retirement Payout Contribution	-	-	-	1,925,228
512070	Consultant Services	96,799	169,300	164,589	170,000
<i>Total Expenditure Classification</i>		<b>31,034,229</b>	<b>35,676,700</b>	<b>35,297,020</b>	<b>37,216,674</b>
<i>Funding Allocation</i>					
Sewer Allocation 45%		13,965,400	16,054,500	15,883,700	16,747,500
Water Allocation 55%		17,068,829	19,622,200	19,413,320	20,469,174
<i>Total Funding Allocation</i>		<b>31,034,229</b>	<b>35,676,700</b>	<b>35,297,020</b>	<b>37,216,674</b>



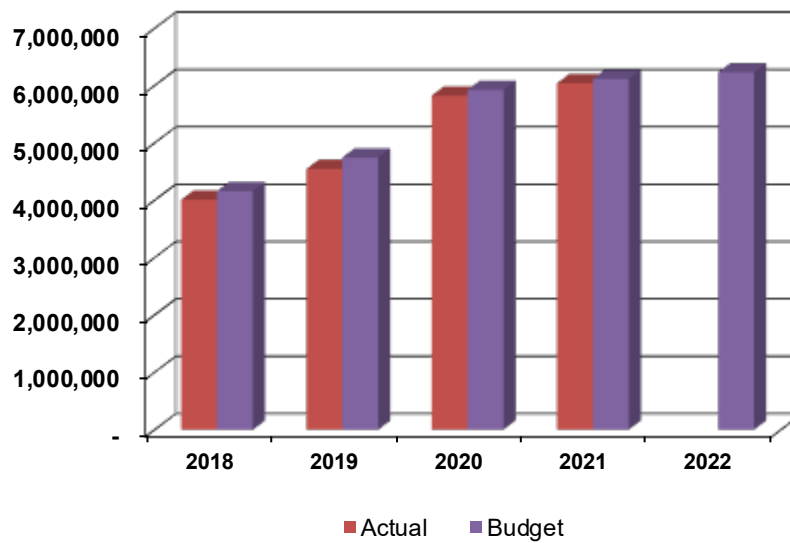
# **General Insurance**

# General Insurance

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
<b>Operations</b>	4,011,085	4,549,124	5,827,225	6,042,313	6,230,238
<b>Total</b>	4,011,085	4,549,124	5,827,225	6,042,313	6,230,238



	2018	2019	2020	2021	2022
<b>Actual</b>	4,011,085	4,549,124	5,827,225	6,042,313	
<b>Budget</b>	4,162,200	4,747,100	5,926,700	6,119,700	6,230,238
<b>Variance</b>	(151,115)	(197,976)	(99,475)	(77,387)	

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**Summary****Description**

The General Insurance account encompasses the costs of insurance policies that provide coverage for the District structures and contents (excluding dams). Coverage includes protection against fire, earthquake, flood, vandalism and damage to specialized equipment. In addition, this account provides for coverage to insure District vehicles for fire, theft and vandalism while garaged. The Liability-Compensation insurance program provides funding for claims by the public for bodily injury or property damage resulting from District operations and for injury/illness claims by District employees. In addition, this account supports the cost of specialty insurance coverage for commissioners and employees, machinery and performance indemnification, and the cost of service fees from insurance brokers, consultants, and providers of technical/specialized support. The Self-Insurance program was initiated in 1987, at which time the District began self-insuring workers' compensation claims. Starting in 1988, the program was expanded to include the property and liability areas. This account provides a contribution to the District Self-Insurance Fund for payments of claims anticipated during the coming year that fall within self-insured retention levels.

**Budget Commentary**

The adopted General Insurance budget for 2022 totals \$6,230,238, which is \$110,538 or 1.8% above the adopted level for 2021 insurance policies including deductibles and self-insurance funding requirements.

**Operations: \$110,538**

- *General Insurance* increase is due to insurance market conditions.
- *Flood Insurance* increase is due to an update to our insurance policy. Historically we have had one generic flood insurance policy to cover our facilities. In 2022 we will have multiple policies specific to each facility, which will adhere to the diverse nature of our facilities.

# General Insurance

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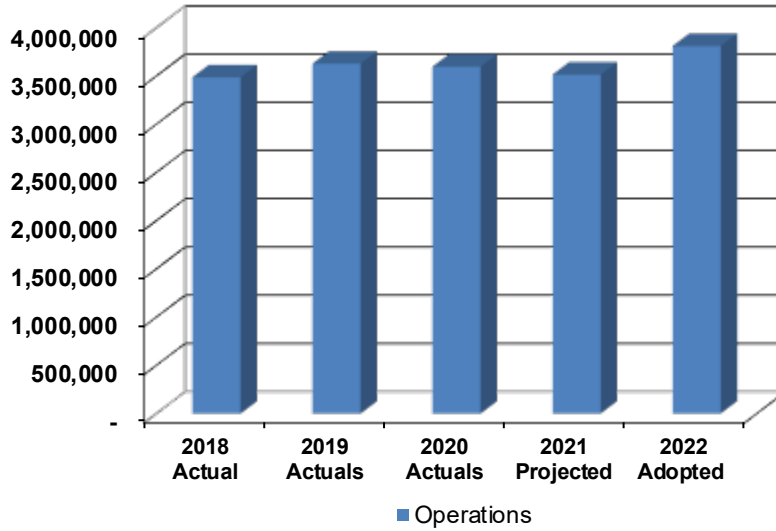
## Summary

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Operations</i>					
512080	Outside Services	78,793	119,000	57,926	119,000
519320	General Insurance	5,195	2,800	6,424	237,060
519330	General Property	391,938	465,000	392,060	519,876
519340	Theft Liability	3,575	6,200	4,083	4,767
519350	Police Liability Insurance	13,458	16,900	10,348	16,100
519360	Fiduciary Liability	15,607	106,200	16,615	18,069
519370	Auto Liability	118,369	66,000	162,327	117,361
519380	Public Liability	467,559	341,400	417,073	132,814
519390	Liability-Claims	4,036,291	4,000,000	4,052,712	4,000,000
519400	Fidelity Bond	2,477	14,900	5,017	16,390
519410	Umbrella Liability	473,643	565,000	587,633	658,815
519420	Commissioner Accident Insurance	863	1,300	-	863
519430	Workers Compensation Excess Cover:	116,421	240,000	89,624	119,931
519440	Employee Practices Liability	-	95,000	-	-
519450	Pollution Liability Insurance	83,428	80,000	158,917	88,000
519470	Cyber Insurance	4,422	-	20,624	28,295
519480	Flood Insurance	15,186	-	60,930	152,897
<i>Total Expenditure Classification</i>		<b>5,827,225</b>	<b>6,119,700</b>	<b>6,042,313</b>	<b>6,230,238</b>
<i>Funding Allocation</i>					
Sewer Allocation 40%		2,330,900	2,447,900	2,416,900	2,492,100
Water Allocation 60%		3,496,325	3,671,800	3,625,413	3,738,138
<i>Total Funding Allocation</i>		<b>5,827,225</b>	<b>6,119,700</b>	<b>6,042,313</b>	<b>6,230,238</b>

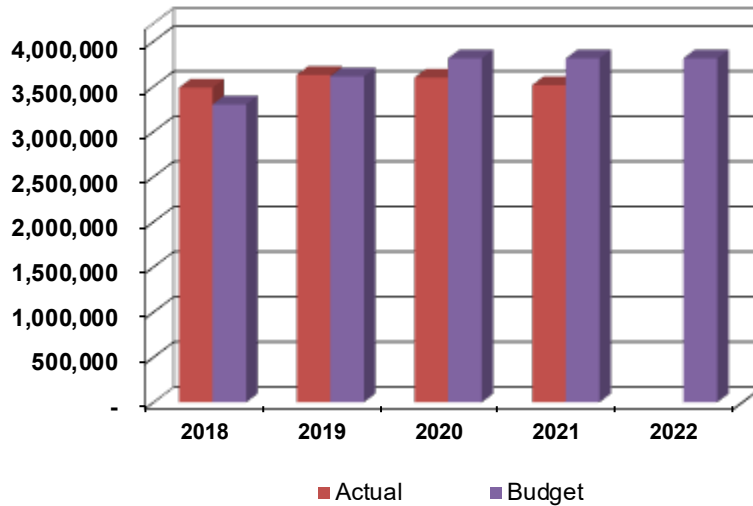
**Taxes & Fees**  
**Specials Agreements & Programs**  
**Contingencies**

# Taxes & Fees

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
<b>Operations</b>	3,485,423	3,626,441	3,595,994	3,514,420	3,810,500
<b>Total</b>	3,485,423	3,626,441	3,595,994	3,514,420	3,810,500



	2018	2019	2020	2021	2022
<b>Actual</b>	3,485,423	3,626,441	3,595,994	3,514,420	
<b>Budget</b>	3,300,500	3,610,500	3,810,500	3,810,500	3,810,500
<b>Variance</b>	184,923	15,941	(214,506)	(296,080)	

**Summary****Description**

The District annually pays taxes on property it owns in several non-member towns, including Avon; Barkhamsted; Burlington; Colebrook; Farmington; Glastonbury; Hartland; New Hartford; Manchester; Simsbury; Granville, MA; Sandisfield, MA; and Tolland, MA. These properties are primarily used as controlled watershed areas necessary to protect the quality of water that flows into the District's supply reservoirs.

**Budget Commentary**

The Taxes and Fees adopted budget for 2022 remains unchanged at \$3,810,500.

**Operations: \$0**

- No change in the budget for 2022.

# Taxes & Fees

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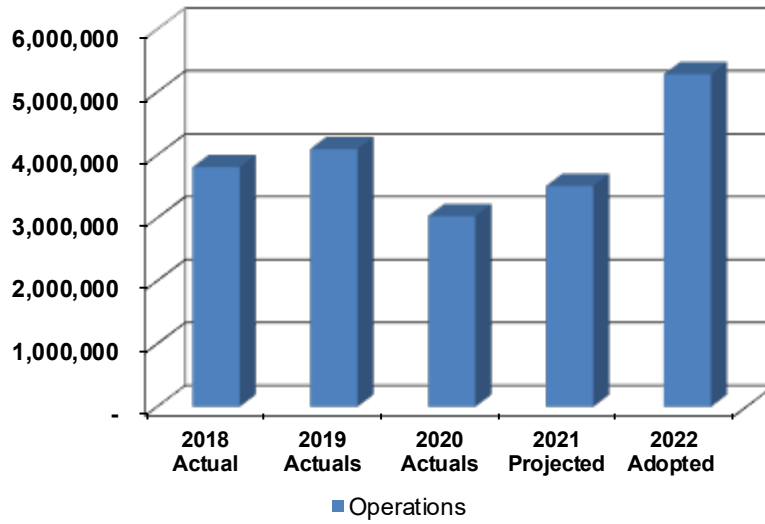
## Summary

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Operations</i>					
512320	Property Appraisal	-	10,500	-	10,500
519510	Property Taxes	3,595,994	3,800,000	3,514,420	3,800,000
<i>Total Expenditure Classification</i>		<u>3,595,994</u>	<u>3,810,500</u>	<u>3,514,420</u>	<u>3,810,500</u>
<i>Funding Allocation</i>					
Sewer Allocation 0%		-	-	-	-
Water Allocation 100%		<u>3,595,994</u>	<u>3,810,500</u>	<u>3,514,420</u>	<u>3,810,500</u>
<i>Total Funding Allocation</i>		<u>3,595,994</u>	<u>3,810,500</u>	<u>3,514,420</u>	<u>3,810,500</u>

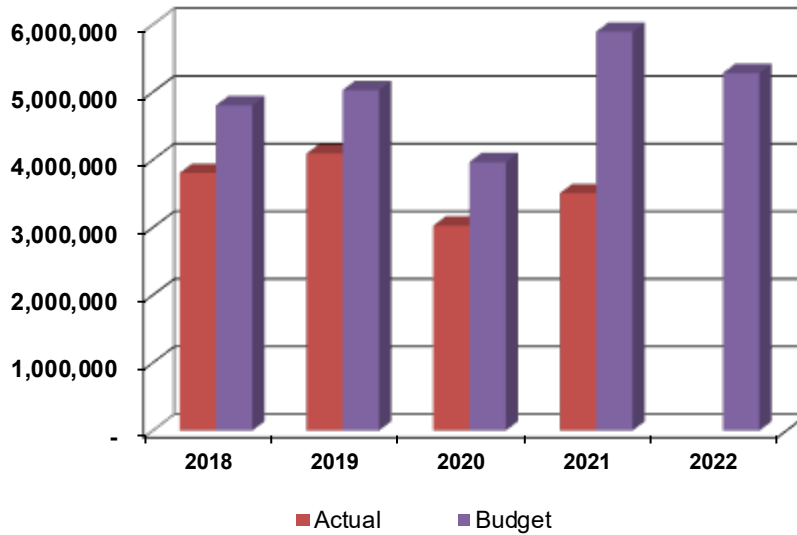


# Special Agreements & Programs

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Operations	3,807,480	4,094,355	3,028,723	3,507,708	5,283,600
<b>Total</b>	<b>3,807,480</b>	<b>4,094,355</b>	<b>3,028,723</b>	<b>3,507,708</b>	<b>5,283,600</b>



	2018	2019	2020	2021	2022
Actual	3,807,480	4,094,355	3,028,723	3,507,708	
Budget	4,806,300	5,030,700	3,967,300	5,895,700	5,283,600
Variance	(998,820)	(936,345)	(938,577)	(2,387,992)	

# Special Agreements & Programs

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## Summary

### Description

The Special Agreements and Programs budget reflects the costs of special agreements, specific consultant engagements, and other activities not allocated to departmental budgets. The adopted budget for 2022 totals \$5,283,600, decreasing by \$612,100 or 10.4% below the expenditure level adopted for 2021.

The *Colebrook Reservoir Maintenance* is US Army Corps of Engineers for the maintenance of the Colebrook Reservoir.

The *Mattabassett District* account provides for charges (per written agreement) by Mattabassett to treat sanitary sewer flows it receives from portions of the District's Newington and Rocky Hill system.

The *New Britain* account provides for charges (per written agreement) by the City of New Britain to convey and treat the sanitary sewer flow it receives from a portion of the District's Newington system.

The *Lock Box Fee* is for an automated banking service that processes the District's water and sewer bills.

The *Meter Services* account represents costs associated with water distribution system interconnections per written agreement with The Connecticut Water Company and the Town of Berlin. It also means costs for water supplied to a portion of the District's Newington system and for a share of the cost of the maintenance and operation of the Berlin sewer system in connection with services provided to Newington and Rocky Hill per written agreement. The account also represents charges by the Town of Glastonbury (per written agreement) to convey and treat sanitary sewer flow it receives from a portion of the District's East Hartford system.

*Dues-Professional Associations* funds the District's membership in the MetroHartford Alliance which is now being funded out of the District Board.

*Legal Services* provides payments for the District's collection attorneys.

*Septic Reimbursements* are the result of the 1997 Sewer User Charge Study. As a result, the District Board established a septic tank clean-out reimbursement program for those property owners within the District member towns that do not have access to the sewer system but support the District's General Fund through their property taxes.

The *Riverfront Recapture* account reflects maintenance expenditures and ranger services associated with Riverfront Recapture, Inc.'s (RRI) regional parks system in Hartford & East Hartford.

# Special Agreements & Programs

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Sewer	1,394,369	1,556,900	1,301,848	1,398,300
Water	1,634,354	4,338,800	2,205,860	3,885,300
<b><i>Total Summary by Activity</i></b>	<b>3,028,723</b>	<b>5,895,700</b>	<b>3,507,708</b>	<b>5,283,600</b>
<b><i>Funding Allocation</i></b>				
Sewer Allocation	1,394,369	1,556,900	1,301,848	1,398,300
Water Allocation	1,634,354	4,338,800	2,205,860	3,885,300
<b><i>Total Funding Allocation</i></b>	<b>3,028,723</b>	<b>5,895,700</b>	<b>3,507,708</b>	<b>5,283,600</b>

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## Sewer Funded

### Budget Commentary

The adopted Special Agreements and Programs budget totals \$1,398,300 for 2022, a decrease of \$158,600 or 10.2% below the expenditure level adopted for 2021.

#### **Operations: (\$158,600)**

- *Consultant Services* are decreasing based on historical spend.

# Special Agreements & Programs

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## Sewer Funded

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Operations</b></i>				
512020	Legal Services	92,361	-	1,976	-
512070	Consultant Services	105,252	358,600	110,000	200,000
512080	Outside Services	247,000	75,000	100,372	75,000
512860	Septic Reimbursement	67,635	80,800	54,667	80,800
512880	Mattabasset District	655,803	707,000	681,341	707,000
512900	New Britain	211,660	277,000	315,595	277,000
512940	Berlin	-	-	35,107	-
512010	Auditing/Finance Services	14,658	-	-	-
514040	Meter Services	-	58,500	2,790	58,500
	<i><b>Total Expenditure Classification</b></i>	<b>1,394,369</b>	<b>1,556,900</b>	<b>1,301,848</b>	<b>1,398,300</b>
	<i><b>Funding Allocation</b></i>				
	Sewer Allocation 100%	1,394,369	1,556,900	1,301,848	1,398,300
	Water Allocation 0%	-	-	-	-
	<i><b>Total Funding Allocation</b></i>	<b>1,394,369</b>	<b>1,556,900</b>	<b>1,301,848</b>	<b>1,398,300</b>

## Water Funded

### Budget Commentary

The adopted Special Agreements and Programs budget totals \$3,885,300 for 2022, a decrease of \$453,500 or 10.5% from the adopted level for 2021.

### **Operations: (\$453,500)**

- The elimination of the *State of CT/DPH* fee and reduction in *Consultant Services* based on historical spend, offset by an increase in Lobbyist (Fed/State).

# Special Agreements & Programs

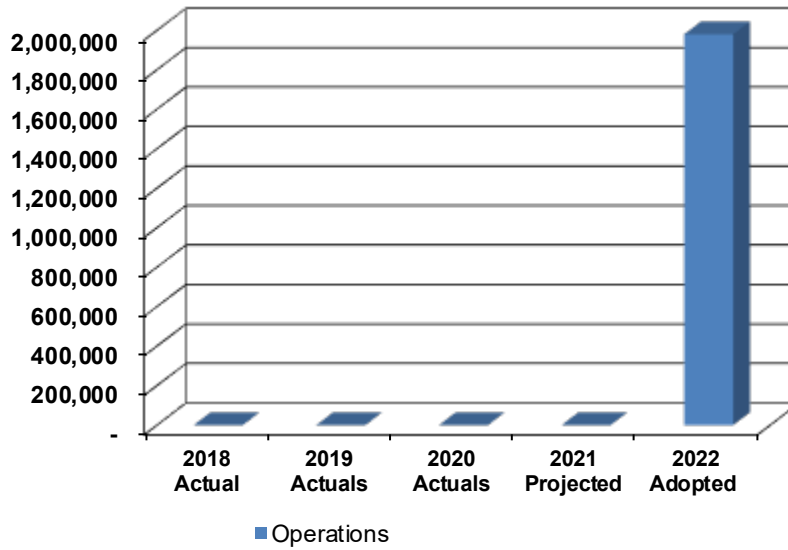
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## Water Funded

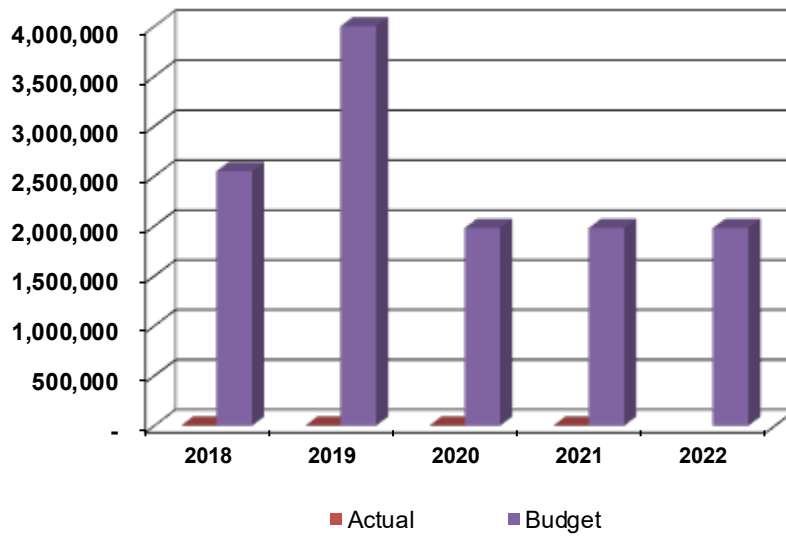
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<i>Operations</i>					
512910	Colebrook Reservoir Maintenance	-	1,400,000	-	1,400,000
512820	Lock Box Fee	16,281	100,000	103,923	100,000
512380	State of CT/DPH	185,976	191,000	190,368	-
514040	Meter Services	7,772	10,000	7,576	10,000
511220	Dues & Memberships	-	131,000	-	131,000
512080	Outside Services	5,706	75,000	32,805	75,000
512020	Legal Services	665,060	169,300	124,007	169,300
512920	Collection Services	-	400,000	241,215	400,000
512930	Lobbyist-(Fed/State)	-	112,500	150,000	150,000
512010	Auditing/Finance Services	55,140	-	-	-
512220	Engineering Professional Fees	10,995	-	-	-
512070	Consultant Services	50,000	500,000	110,000	200,000
512870	Operational Fuel	37,424	50,000	45,966	50,000
512370	Riverfront Recapture	600,000	1,200,000	1,200,000	1,200,000
<i>Total Expenditure Classification</i>		<b>1,634,354</b>	<b>4,338,800</b>	<b>2,205,860</b>	<b>3,885,300</b>
<i>Funding Allocation</i>					
Sewer Allocation 0%		-	-	-	-
Water Allocation 100%		1,634,354	4,338,800	2,205,860	3,885,300
<i>Total Funding Allocation</i>		<b>1,634,354</b>	<b>4,338,800</b>	<b>2,205,860</b>	<b>3,885,300</b>

# Contingencies

## Expenditure Trends



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
<b>Operations</b>	-	-	-	-	1,980,000
<b>Total</b>	-	-	-	-	1,980,000



	2018	2019	2020	2021	2022
<b>Actual</b>	-	-	-	-	
<b>Budget</b>	2,550,000	4,000,000	1,980,000	1,980,000	1,980,000
<b>Variance</b>	(2,550,000)	(4,000,000)	(1,980,000)	(1,980,000)	



**Summary****Description**

The Contingencies appropriation is set aside for emergencies and other unanticipated expenditures that may arise during the year. The transfer of funds from Contingencies to cover expenditures requires prior approval of the Board of Finance and the District Board.

**Budget Commentary**

The Contingency amount adopted for 2022 is \$1,980,000.

# Contingencies

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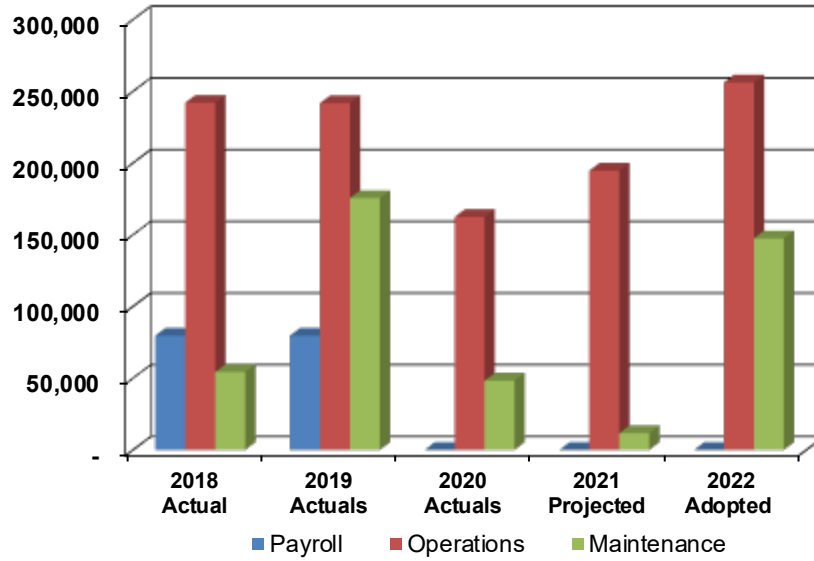
## Summary

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
549000	Contingency	-	1,980,000	-	1,980,000
	<i>Funding Allocation--(Composite)</i>				
	Sewer Allocation 100%	-	1,980,000	-	1,980,000
	Water Allocation 0%	-	-	-	-
	<i>Total Funding Allocation</i>	-	1,980,000	-	1,980,000

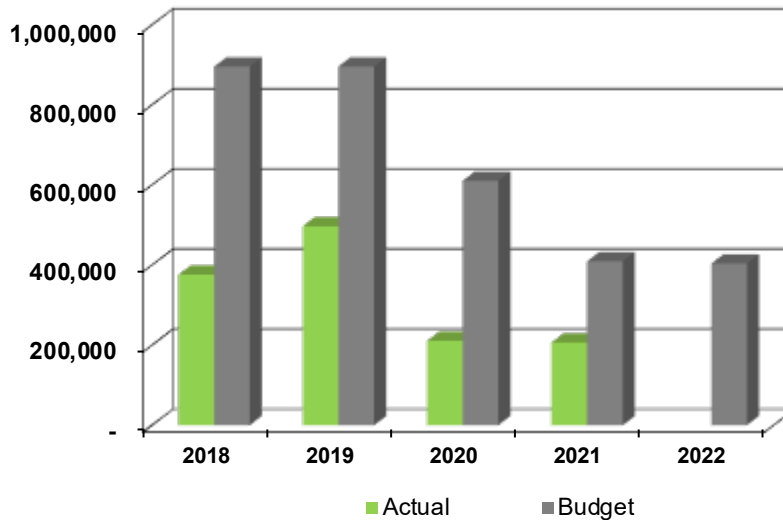
# Hydroelectric

# Hydroelectric

## Expenditure Trend



	2018 Actual	2019 Actuals	2020 Actuals	2021 Projected	2022 Adopted
Payroll	79,700	79,700	-	-	-
Operations	242,000	241,693	162,405	194,655	256,200
Maintenance	54,269	175,583	48,203	11,602	147,500
<b>Total</b>	<b>375,969</b>	<b>496,976</b>	<b>210,608</b>	<b>206,257</b>	<b>403,700</b>



	2018	2019	2020	2021	2022
Actual	375,969	496,976	210,608	206,257	
Budget	895,300	895,400	610,300	409,100	403,700
Variance	(519,331)	(398,424)	(399,692)	(202,843)	

# Hydroelectric

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## Summary

### Description

The Hydroelectric account provides for all operating, maintenance, capital outlay, and debt service costs associated with the Goodwin Hydro Facility, as well as development costs associated with potential hydroelectric projects. The MDC's "Colebrook" Hydroelectric Facility has been removed from service.

### Budget Commentary

The 2022 adopted Hydroelectric budget totals \$403,700 which is a decrease of \$5,400 or 1.3% from the 2021 adopted level. Specific expenditures for each project appear on the pages that follow.

# Hydroelectric

## Summary

Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><i>Summary by Activity</i></b>				
Goodwin	175,299	260,900	158,521	267,600
Colebrook	35,309	148,200	47,736	136,100
<b><i>Total Summary by Activity</i></b>	<b>210,608</b>	<b>409,100</b>	<b>206,257</b>	<b>403,700</b>
<b><i>Summary by Major Account</i></b>				
Payroll	-	-	-	-
Operations	162,405	258,400	194,655	256,200
Maintenance	48,203	150,700	11,602	147,500
Capital Outlay	-	-	-	-
Contingencies	-	-	-	-
<b><i>Total Summary by Major Account</i></b>	<b>210,608</b>	<b>409,100</b>	<b>206,257</b>	<b>403,700</b>

**Goodwin****Description**

The MDC's Goodwin hydroelectric power facility is located at the MDC's Goodwin Dam in Hartland, Connecticut. The Goodwin hydro facility operates 24-hours per day provided there are sufficient river flows to generate power. During a typical operating year, Goodwin generates approximately 12,500,000 kilowatt-hours of electricity, enough power to serve 2,000 homes for one year. Annual Power generation can vary significantly between a wet year and a dry year.

**Budget Commentary**

The adopted Goodwin Hydroelectric budget for 2022 is \$267,600 which is \$6,700 or 2.6% above the level adopted for 2021 hydroelectric power operations.

**Operations: \$6,900**

- Anticipated increase in expenditures for *Outside Service*, offset by not funding *General Insurance* for this area and a reduction in *Consultant Services* to align with anticipated spending.

**Maintenance: (\$200)**

- Minimal reduction of expenditures in 2022 from the adopted 2021 amounts.

## Goodwin

Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<i><b>Total Payroll</b></i>	-	-	-	-
	<i><b>Operations</b></i>				
512050	Custodial Services	635	-	-	-
512070	Consultant Services	42,772	40,000	62,927	20,000
512080	Outside Services	34,317	56,000	47,609	100,000
513010	Office Supplies	730	3,000	620	3,000
513400	Small Tools & Equipment	605	2,600	863	2,600
513580	Fish	24,805	25,000	24,965	25,000
513690	Materials From Stock	537	1,000	106	1,000
513720	Diesel Fuel	-	1,700	-	1,000
513740	Oil & Lubricants	1,883	2,500	4,534	3,000
513820	Tools	-	3,500	1,116	3,500
514010	Electricity	16,526	10,000	5,466	10,000
519320	General Insurance	9,539	12,300	-	-
519100	Printing	-	7,000	-	3,000
519450	Pollution Liability Insurance	409	600	-	-
	<i><b>Total Operations</b></i>	<b>132,758</b>	<b>165,200</b>	<b>148,206</b>	<b>172,100</b>
	<i><b>Maintenance</b></i>				
521050	Office Furniture Equipment	-	500	-	500
521080	Tool & Work Equipment	1,173	-	-	-
521120	Hydro Equipment	38,328	85,200	2,305	85,000
522010	Facilities R&M	3,039	10,000	8,010	10,000
	<i><b>Total Maintenance</b></i>	<b>42,540</b>	<b>95,700</b>	<b>10,315</b>	<b>95,500</b>
	<i><b>Total Expenditure Classification</b></i>	<b>175,299</b>	<b>260,900</b>	<b>158,521</b>	<b>267,600</b>



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**Colebrook****Description**

The MDC's Colebrook hydroelectric power facility previously operated at the US Army Corps of Engineers' Colebrook River Reservoir and Dam in Colebrook, Connecticut has been removed from service.

**Budget Commentary**

The Colebrook Hydroelectric adopted budget for 2022 is \$136,100, a decrease from the 2021 adopted level by \$12,100 or 8.2%.

**Operations: (\$9,100)**

- Reduction in expenditures in the 2021 is a direct result of not funding *General Insurance* for this area in the 2022 budget year.

**Maintenance: (\$3,000)**

- *Hydro Equipment* expenditures have been decreased as a result of decommissioning of the facility.

## Colebrook

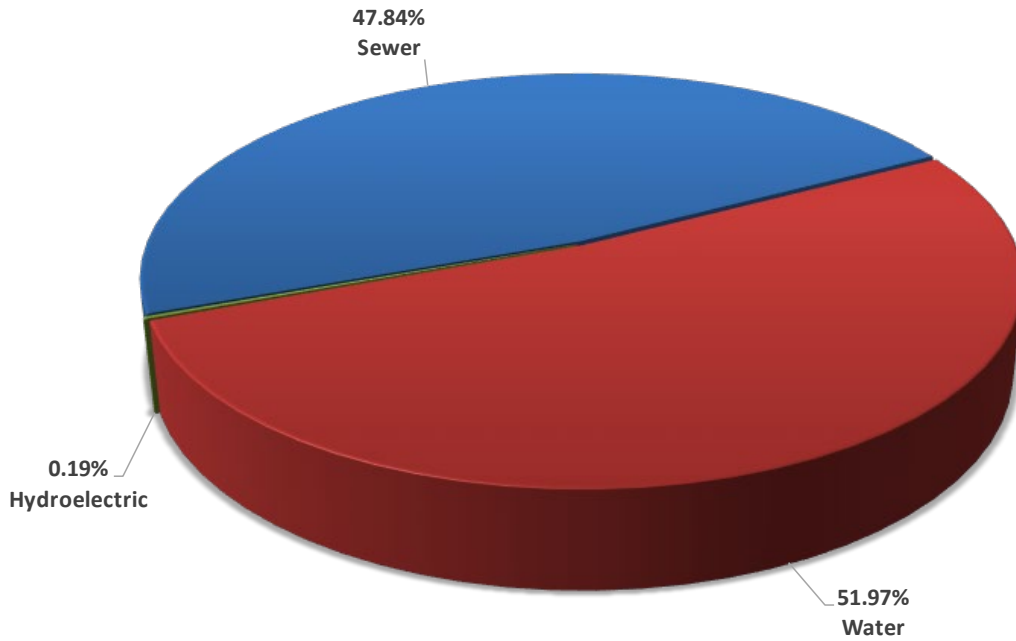
Commitment Item	Expenditure Classification	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<i><b>Payroll</b></i>				
501010	Regular Pay	-	-	-	-
501050	Overtime 200%	-	-	-	-
501020	Temporary Pay	-	-	-	-
501060	Standby & Premium Pay	-	-	-	-
501070	Longevity Pay	-	-	-	-
	<i><b>Total Payroll</b></i>	-	-	-	-
	<i><b>Operations</b></i>	-			
512070	Consultant Services	750	40,000	-	40,000
512080	Outside Services	5,906	18,000	28,318	18,000
512310	Permits	-	5,000	4,075	5,000
512840	Licenses & Registration	9,589	-	-	-
513010	Office Supplies	177	-	-	-
513690	Materials From Stock	-	100	-	100
513720	Diesel Fuel	-	1,700	-	1,000
514010	Electricity	13,224	20,000	14,056	20,000
519320	General Insurance	-	7,800	-	-
519450	Pollution Liability Insurance	-	600	-	-
	<i><b>Total Operations</b></i>	<b>29,647</b>	<b>93,200</b>	<b>46,449</b>	<b>84,100</b>
	<i><b>Maintenance</b></i>				
521120	Hydro Equipment	4,732	5,000	177	2,000
522010	Facilities R&M	930	50,000	1,110	50,000
	<i><b>Total Maintenance</b></i>	<b>5,662</b>	<b>55,000</b>	<b>1,287</b>	<b>52,000</b>
	<i><b>Total Expenditure Classification</b></i>	<b>35,309</b>	<b>148,200</b>	<b>47,736</b>	<b>136,100</b>

# Budget Revenues

# Revenue Summary

## Revenue Breakdown

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<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Sewer	\$ 100,201,502	47.84%
Water	\$ 108,847,473	51.97%
Hydroelectric	\$ 403,700	0.19%
	<u>\$ 209,452,675</u>	<u>100.00%</u>

# Revenue Summary

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## Description of Revenue Services

### Water Utility

*Water Revenues* and *Other Financing Sources* provide funds for a share of the general administration of the District and the operation and maintenance of the District's water supply, treatment, and distribution facilities and equipment. The primary source of water revenue is attributed to approximately 400,000 customers with 101,734 water connections in the District's service area.

### Sewer

*Sewer Revenues* and *Other Financing Sources* provide funds for a share of the general administration of the District and the operation and maintenance of the District's sewerage system facilities and equipment. The receipt of the tax levied on member municipalities is the primary source of sewer revenue.

### Hydroelectric

*Hydroelectric Revenues* provide the funds necessary for the operation, maintenance, and the debt service associated with the District's Goodwin hydroelectric power facility. The significant sources of revenue for the Hydroelectric Operating Fund are derived from the sale of power generated at the Goodwin hydroelectric facility. In 2020 the District ceased operating the Colebrook River Dam hydroelectric power facility

# Revenue Summary

## Water Utility and Sewer Revenues

	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>WATER REVENUES</u></b>				
Sale of Water	\$97,072,579	\$96,801,400	\$95,136,557	\$96,552,254
Other Operating Revenues	6,732,129	8,019,100	8,350,089	8,494,100
<b>Total Operating Revenues</b>	<b>103,804,708</b>	<b>104,820,500</b>	<b>103,486,646</b>	<b>105,046,354</b>
Non-Operating Revenues	2,282,592	2,331,200	3,780,558	2,401,119
Contributions (to) from Working Funds	-	1,400,000	-	1,400,000
<b>Total Other Revenues</b>	<b>2,282,592</b>	<b>3,731,200</b>	<b>3,780,558</b>	<b>3,801,119</b>
<b>Total Water Revenues</b>	<b>\$106,087,300</b>	<b>\$108,551,700</b>	<b>\$107,267,204</b>	<b>\$108,847,473</b>
<b><u>SEWER REVENUES</u></b>				
Tax on Member Municipalities	\$51,475,700	\$51,475,700	\$51,475,700	\$53,076,600
Revenue from Other Govt. Agencies	10,784,429	11,466,400	11,070,994	10,931,000
Other Sewer Revenues	18,317,780	16,848,200	16,426,096	18,212,000
Sewer User Charge Revenues	11,274,896	13,373,900	11,329,083	13,301,902
<b>Total Operating Revenues</b>	<b>91,852,805</b>	<b>93,164,200</b>	<b>90,301,873</b>	<b>95,521,502</b>
DEEP Contingency	-	-	-	1,980,000
Designated from Surplus	-	3,800,000	-	2,700,000
<b>Total Other Revenues</b>	<b>-</b>	<b>3,800,000</b>	<b>-</b>	<b>4,680,000</b>
<b>Total Sewer Revenues</b>	<b>\$91,852,805</b>	<b>\$96,964,200</b>	<b>\$90,301,873</b>	<b>\$100,201,502</b>
<b>Total Water and Sewer Revenues</b>	<b>\$197,940,105</b>	<b>\$205,515,900</b>	<b>\$197,569,077</b>	<b>\$209,048,975</b>

# Revenue Summary

## Hydroelectric Revenues

Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>HYDROELECTRIC REVENUES</u></b>				
Power Sales	\$471,876	\$260,900	\$941,491	\$403,700
Total Hydroelectric Revenues	\$471,876	\$260,900	\$941,491	\$403,700

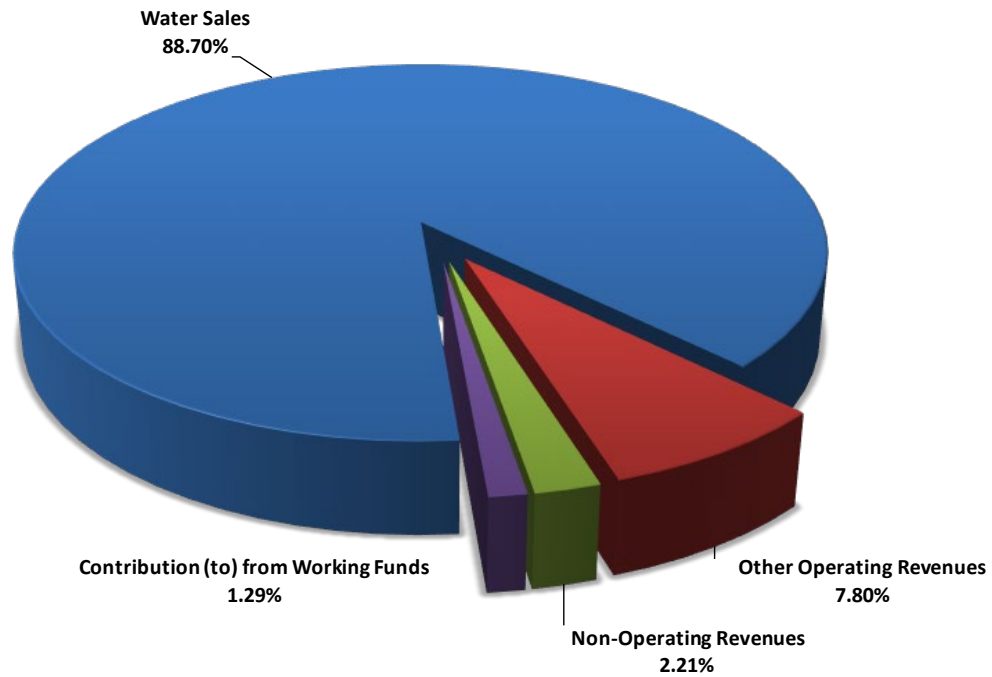
# **Water Utility Revenues**

Sale of Water  
Other Operating Revenues  
Non-operating Revenues  
Contributions (to) from Working Funds



# Water Utility Revenues

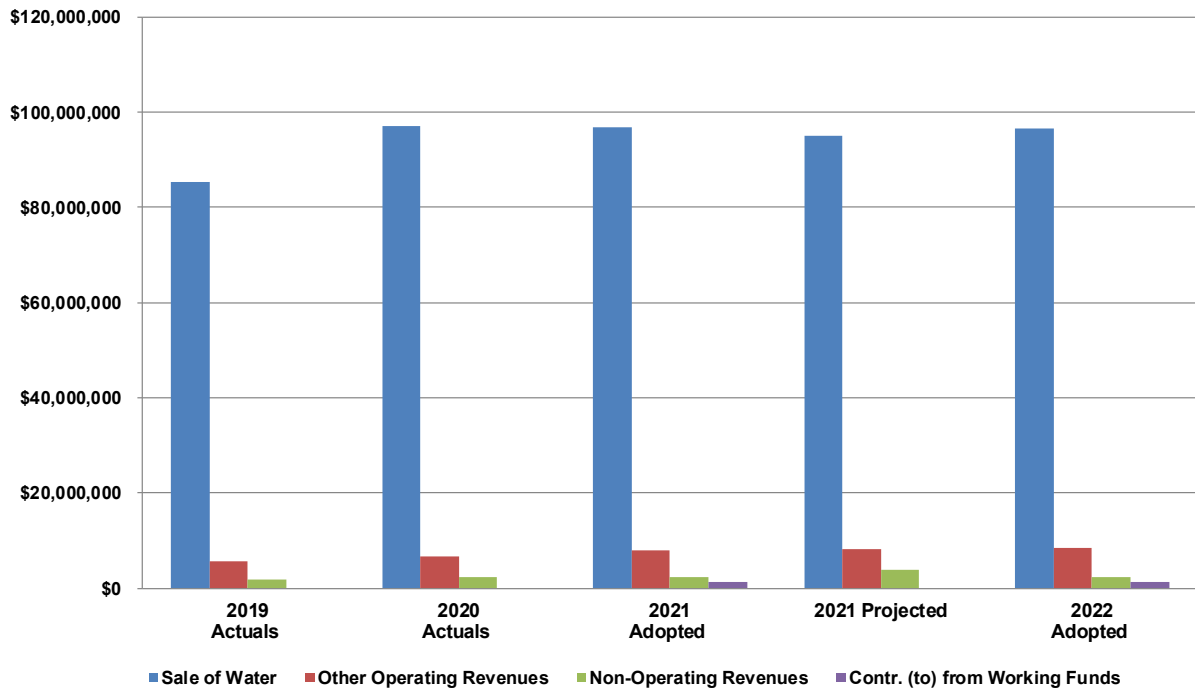
## Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Water Sales	\$96,552,254	88.70%
Other Operating Revenues	\$8,494,100	7.80%
Non-Operating Revenues	\$2,401,119	2.21%
Contribution (to) from Working Funds	\$1,400,000	1.29%
<b>Total Revenues:</b>	<b>\$108,847,473</b>	<b>100.00%</b>

# Water Utility Revenues

## Five-Year Revenue Trend



	2019 Actuals	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Sale of Water	\$85,230,479	\$97,072,579	\$96,801,400	\$95,136,557	\$96,552,254
Other Operating Revenues	5,590,305	6,732,129	8,019,100	8,350,089	8,494,100
Non-Operating Revenues	1,959,142	2,282,592	2,331,200	3,780,558	2,401,119
Contr. (to) from Working Funds	-	-	1,400,000	-	1,400,000
	<b>\$92,779,926</b>	<b>\$106,087,300</b>	<b>\$108,551,700</b>	<b>\$107,267,204</b>	<b>\$108,847,473</b>

# Water Utility Revenues

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## Sale of Water and Other Operating Revenues

### Source Description

**Sale of Water:** is comprised of *Customer Service Charge*, *General Surcharge*, and *Water Use Charge*. This account reflects revenue from the sale of treated water to the following categories of users: *domestic* (single and multi-family dwellings and apartments); *commercial* (places of business and commerce); *industrial* (manufacturing and materials handling firms); and *public authorities* (municipalities, agencies of the state or federal government, and municipal housing authorities). In addition, revenue from the sale of *treated and untreated water* to other water companies under a series of agreements with the District is also included in this category.

**Other Operating Revenues:** consist of *Hydrant Maintenance* charges associated with privately and publicly-owned hydrants; *Fire Service* charges for connections to water mains supplying water for *Private Fire Protection*; *Penalties* on past due water bills; and *Miscellaneous (other) Water Revenues* for minor or incidental services and materials provided by the District.

### Budget Commentary

The adopted revenue from the *Sale of Water* totals \$96,552,254, a decrease of \$249,146 or 0.3% below the level adopted in 2021. An overall decrease is primarily driven by a change in the distribution of meter sizes in customer service charge, offset by the change in estimated CCF usage in each billing category. The water rate will increase to \$4.09 per CCF for 2022. Consumption is unchanged from the 2021 assumption of 17.7M CCF.

The adopted *Other Operating Revenues* are \$8,494,100, an increase of \$475,000 or 5.9% above the level adopted in support of 2021 operations and primarily driven by the rise in the monthly rate for *Fire Protection* and *Hydrant Maintenance Fees* as well as an increase in *Water Billing Penalties*.

# Water Utility Revenues

## Sale of Water and Other Operating Revenues

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>SALE OF WATER</u></b>					
<b><u>SERVICE CHARGES</u></b>					
(1)	Domestic	\$20,617,718	\$20,711,400	\$20,798,632	\$20,679,600
(2)	Commercial	2,615,068	3,002,400	2,654,589	2,545,200
417310	Industrial	348,019	454,000	340,712	327,100
(3)	Public Authorities	856,629	996,400	803,257	753,400
(4)	Other Water Companies	26,213	20,900	59,033	16,400
	<b>Total</b>	<b>24,463,647</b>	<b>25,185,100</b>	<b>24,656,223</b>	<b>24,321,700</b>
<b><u>WATER USE CHARGE</u></b>					
(5)	Domestic	\$48,383,546	\$48,213,300	\$45,831,242	\$47,401,754
(6)	Commercial	14,560,060	13,013,500	14,738,983	15,664,700
416310	Industrial	3,472,220	3,568,900	3,892,447	3,589,800
(7)	Public Authorities	3,574,072	5,322,100	3,414,734	3,591,100
(8)	Other Water Companies	2,619,034	1,498,500	2,602,928	1,983,200
	<b>Total</b>	<b>72,608,932</b>	<b>71,616,300</b>	<b>70,480,334</b>	<b>72,230,554</b>
<b><u>OTHER OPERATING REVENUES</u></b>					
(9)	Hydrant Maintenance	\$1,500,682	\$1,550,200	\$1,561,134	\$1,665,000
419130	Fire Protection Services	4,683,088	5,758,200	5,938,085	6,032,000
429220	Water Billing Penalties	344,834	480,300	625,333	566,700
431280	Cross-Connection/BackWater Fee	203,525	230,400	225,537	230,400
	<b>Total</b>	<b>6,732,129</b>	<b>8,019,100</b>	<b>8,350,089</b>	<b>8,494,100</b>
<b>Total Operating Revenues</b>		<b>\$103,804,708</b>	<b>\$104,820,500</b>	<b>\$103,486,646</b>	<b>\$105,046,354</b>

### Commitment Items

- (1) 417110, 416900, 416910, 417120, 417130
- (2) 417210, 417220, 417230
- (3) 417410, 417420
- (4) 417810, 417820
- (5) 416110, 416120, 416130
- (6) 416210, 416220, 416230
- (7) 416410, 416420
- (8) 416810, 416820
- (9) 419110, 419120

# Water Utility Revenues

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## Non-Operating Revenues

### Source Description

*Non-Operating Revenues* are comprised of:

- *Investment Income*: funds earned on cash balances in the Water Utility Fund and the Water Bond Fund.
- *Bill Jobs*: revenues for payroll additives, material handling, and equipment costs associated with repairing District property damaged by others; also metered hydrant billings.
- *Department of Transportation - PY/Material/Equipment*: reimbursement to the District for payroll additives, material handling, and equipment costs associated with the repair or relocation of water system facilities on behalf of the State of Connecticut.
- *Developers – PY/Material/Equipment*: reimbursement to the District for payroll additives, material handling, and equipment costs associated with the repair or relocation of water system facilities on behalf of the State of Connecticut, local government agencies, and/or developers.
- *Fees: Water Tapping* – Water Service taps with meters
- *Rental Revenue*: revenue derived from the rental of space for cellular service antennae including tax repayment from Tunxis Club in Tolland, MA.
- *Collection/Liens*: fees charged for the release of liens.
- *Recreational Sales*: fees charged for parking, boat rentals, and the launching of private boats at District recreational facilities.
- *Forestry Sales*: income from the bid sale of standing timber to logging companies.
- *Other Miscellaneous*: fees levied for private meter readings, lien filing, and “turn-on” services; non-recurring items.
- *Sale of Material/Equipment*: income from the sale of scrap materials and obsolete equipment.
- *Contributed Capital*: funds received from set rates for assessable projects and materials associated with hydrants, high-pressure services, distribution mains, service connections, Ford boxes, and meter pits (as established by the Water Bureau).

### Budget Commentary

*Non-Operating Revenues* adopted for 2022 are \$2,401,119, an increase of \$69,919 or 3.0% from the level adopted for 2021, as a result of a realignment and reduction of various revenue sources, *Recreational Sales* and *Forestry Sales*, *DPH Fee (primacy fee)*, *Main Pipe Assessments*, *Contributed Capital*; offset by an increase in *Department of Transportation*.

# Water Utility Revenues

## Non-Operating Revenues

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>NON-OPERATING REVENUES</u></b>					
423100	Interest Income - Investments	\$77,698	\$180,600	\$66,139	\$179,419
423110	Interest On Assessments	-	80,000	-	-
419400	Bill Jobs	285,535	235,000	44,025	140,000
419410	Department of Transportation	179,993	75,000	46,903	200,000
419430	Developers - PY/Materal/Equipment	156,574	320,000	(891)	175,000
419510	RRB- Labor ST	170,909	-	591	200,000
419540	RRB- Equipment	62,433	-	111	100,000
419550	RRB- Contracts	16,927	-	-	50,000
419610	RRB- Premium Labor ST	238,387	-	831	250,000
419910	Fees: Water Tapping	92,225	100,000	114,410	100,000
423300	Rental Revenue	135,586	151,200	165,862	151,200
429200	Rebates & Reimbursements	26	1,000	-	-
429210	Collections & Liens	119,953	400,000	71,336	400,000
429230	Returned Check Fees	(540)	35,000	(1,490)	35,000
429260	Legal Recovery	-	-	207,844	-
431010	Recreational Sales	14,251	75,000	19,080	50,000
431020	Forestry Sales	277,191	200,400	294,013	150,000
431210	Misc Revenue	176,355	150,000	187,647	100,000
431230	Vendor Discount Revenue	479	1,000	392	500
431240	Sale Of Material & Equipment	103,755	120,000	239,430	120,000
431270	DPH Fee	174,855	191,000	112,503	-
453000	Contributed Capital	-	16,000	2,211,822	-
<b>Total Non-Operating Revenues</b>		<b>\$2,282,592</b>	<b>\$2,331,200</b>	<b>\$3,780,558</b>	<b>\$2,401,119</b>

# Water Utility Revenues

## Other Non-Operating Revenues

### Source Description

#### Other Non-Operating Revenues

*Contributions (to) from Other Funds:* Sound financial management practices call for maintaining a cash reserve sufficient to withstand a shortfall in revenues and/or increases in unanticipated expenditures. The District's policy is to use a portion of these funds, if available, in support of operations while maintaining a prudent reserve.

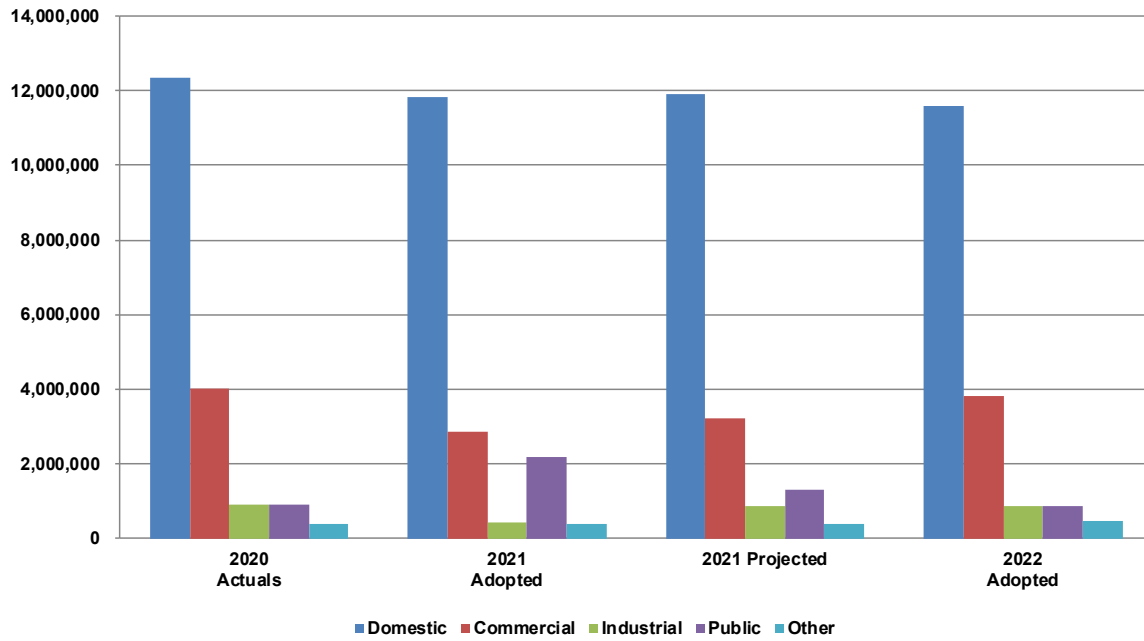
### Budget Commentary

A contribution of \$1,400,000 is anticipated for the adopted 2022 budget.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><u>OTHER NON-OPERATING REVENUES</u></b>				
413040	Contributions from (to) Working Funds	-	\$1,400,000	-	\$1,400,000

# Water Utility Revenues

## Water Consumption by Customer Class (CCF)\*



	2019 Actuals	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Domestic	10,430,684	12,340,400	11,850,000	11,904,500	11,612,400
Commercial		3,996,222	2,860,000	3,213,200	3,830,000
Industrial		891,391	413,000	881,200	877,700
Public		904,759	2,180,000	1,314,100	878,000
Other		397,090	380,000	370,000	484,900
<b>Total</b>	<b>10,430,684</b>	<b>18,529,862</b>	<b>17,683,000</b>	<b>17,683,000</b>	<b>17,683,000</b>

\* CCF = 100 cubic feet or approximately 748.1 gallons

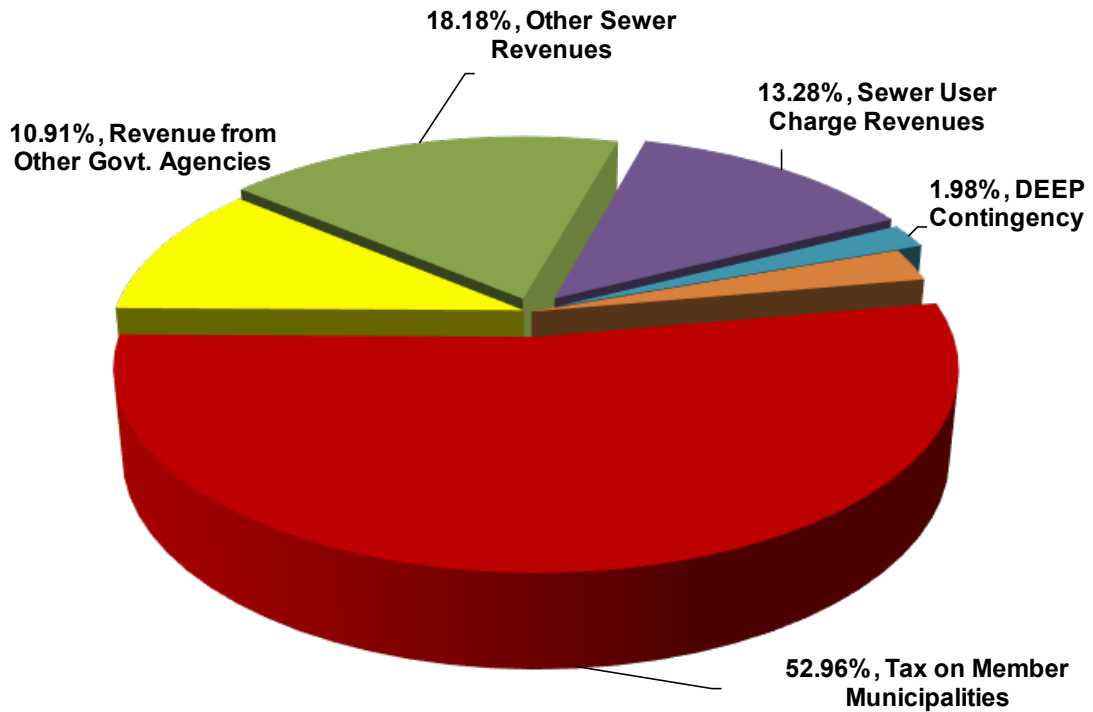


# **Sewer Revenues**

Taxation  
Other Government Agencies  
Other Sewer Revenues  
Sewer User Charge Revenues  
Designated from Surplus

# Sewer Revenues

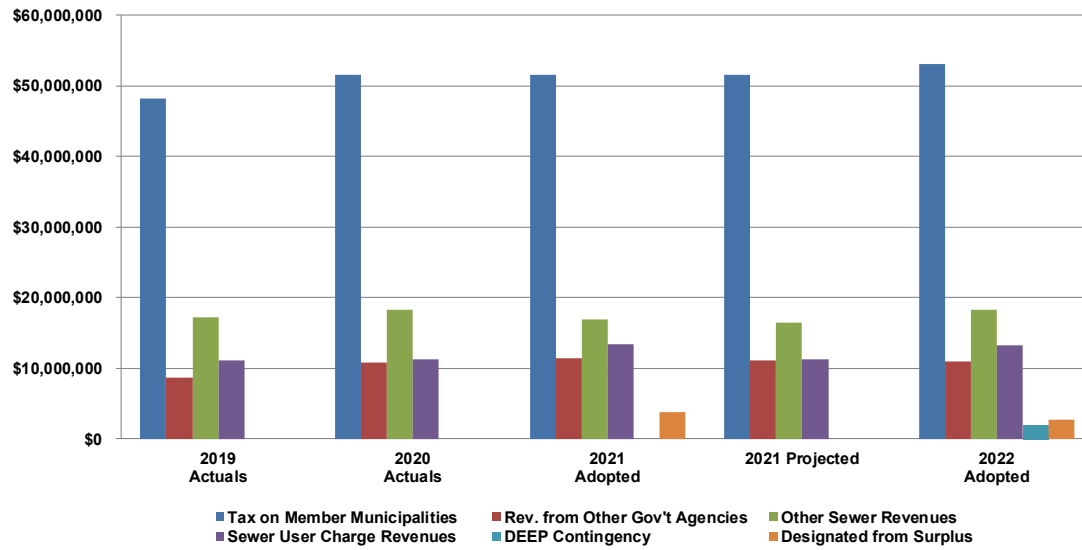
## Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Tax on Member Municipalities	\$53,076,600	52.96%
Revenue from Other Govt. Agencies	10,931,000	10.91%
Other Sewer Revenues	18,212,000	18.18%
Sewer User Charge Revenues	13,301,902	13.28%
DEEP Contingency	1,980,000	1.98%
Designated from Surplus	2,700,000	2.69%
<b>Total Revenues:</b>	<b>\$100,201,502</b>	<b>100.00%</b>

# Sewer Revenues

## Five-Year Revenue Trend



	2019 Actuals	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Tax on Member Municipalities	\$48,153,100	\$51,475,700	\$51,475,700	\$51,475,700	\$53,076,600
Rev. from Other Gov't Agencies	8,602,202	10,784,429	11,466,400	11,070,994	10,931,000
Other Sewer Revenues	17,229,894	18,317,780	16,848,200	16,426,096	18,212,000
Sewer User Charge Revenues	11,081,906	11,274,896	13,373,900	11,329,083	13,301,902
DEEP Contingency	-	-	-	-	1,980,000
Designated from Surplus	-	-	3,800,000	-	2,700,000
<b>Total</b>	<b>\$85,067,102</b>	<b>\$91,852,805</b>	<b>\$96,964,200</b>	<b>\$90,301,873</b>	<b>\$100,201,502</b>

# Sewer Revenues

## Tax on Member Municipalities

### Source Description

The method for taxing member municipalities is set forth in Sections 3-12 and 3-13 of the District Charter, which grants the District Board, acting on the recommendation of the Board of Finance, the power to levy a tax upon the towns sufficient to finance the District's General Fund expenditures. The tax is divided among the member towns in proportion to the total revenue each received from property taxation, as averaged over the prior three years.

To coincide with the fiscal year cycle (July 1 – June 30) adhered to by the member towns, the quarterly tax payments are unbalanced. The amount of the tax due in the first half of 2022 will be equivalent to 50% of the total 2021 tax levy. This amount (when paid) will be subtracted from the total 2022 tax levy; the balance is the amount due in the remaining portion of the year.

### Budget Commentary

The adopted Tax on Member Municipalities totals \$53,076,600, an increase of \$1,600,900 or 3.1% above the tax levy adopted for 2021.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b>MEMBER MUNICIPALITIES</b>				
	Total	51,475,700	51,475,700	51,475,700	53,076,600

# Sewer Revenues

## Other Government Agencies

Tax History by Town	2018	2019	2020	2021	2022
Hartford	\$11,550,400	\$12,372,000	\$13,035,400	\$13,169,100	\$14,067,500
East Hartford	\$5,486,600	\$5,775,200	\$6,089,300	\$6,015,200	\$6,264,400
Newington	\$4,120,900	\$4,318,900	\$4,623,100	\$4,681,000	\$4,799,100
Wethersfield	\$3,707,800	\$3,979,400	\$4,240,800	\$4,214,100	\$4,252,500
Windsor	\$4,001,500	\$4,274,900	\$4,611,600	\$4,551,500	\$4,698,600
Bloomfield	\$3,256,200	\$3,488,600	\$3,879,300	\$3,808,100	\$3,868,400
Rocky Hill	\$2,712,500	\$2,909,600	\$3,144,100	\$3,171,200	\$3,206,800
West Hartford	\$10,168,100	\$11,034,500	\$11,852,100	\$11,865,500	\$11,919,300
<b>Total</b>	<b>\$45,004,000</b>	<b>\$48,153,100</b>	<b>\$51,475,700</b>	<b>\$51,475,700</b>	<b>\$53,076,600</b>

Tax % (3yr avg.)	2018	2019	2020	2021	2022
Hartford	25.67%	25.69%	25.32%	25.58%	26.50%
East Hartford	12.19%	11.99%	11.83%	11.69%	11.80%
Newington	9.16%	8.97%	8.98%	9.09%	9.04%
Wethersfield	8.24%	8.26%	8.24%	8.19%	8.01%
Windsor	8.89%	8.88%	8.96%	8.84%	8.85%
Bloomfield	7.24%	7.24%	7.54%	7.40%	7.29%
Rocky Hill	6.03%	6.04%	6.11%	6.16%	6.04%
West Hartford	22.58%	22.93%	23.02%	23.05%	22.47%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Installment Date	1/19/2022	4/20/2022	7/20/2022	10/19/2022	Total
Hartford	\$3,292,275	\$3,292,275	\$3,741,475	\$3,741,475	\$14,067,500
East Hartford	1,503,800	1,503,800	1,628,400	1,628,400	6,264,400
Newington	1,170,250	1,170,250	1,229,300	1,229,300	4,799,100
Wethersfield	1,053,525	1,053,525	1,072,725	1,072,725	4,252,500
Windsor	1,137,875	1,137,875	1,211,425	1,211,425	4,698,600
Bloomfield	952,025	952,025	982,175	982,175	3,868,400
Rocky Hill	792,800	792,800	810,600	810,600	3,206,800
West Hartford	2,966,375	2,966,375	2,993,275	2,993,275	11,919,300
<b>Total</b>	<b>\$12,868,925</b>	<b>\$12,868,925</b>	<b>\$13,669,375</b>	<b>\$13,669,375</b>	<b>\$53,076,600</b>

# Sewer Revenues

## Other Government Agencies

### Source Description

Revenue from Other Government Agencies include agreed-upon service fees charged to other government agencies (state or municipal) for services performed by the District as reflected in the following revenue categories:

- *Sludge Handling Services*: revenue from the processing of sewage sludge primarily from non-member towns.
- *Liquid Waste Discharge*: fee for the discharge of transported non-domestic wastewater delivered to WPC
- *Household Hazardous Waste Disposal*: fees charged for providing household hazardous waste collection services to non-member towns.

### Budget Commentary

Revenue from Other Government Agencies adopted for 2022 is \$10,931,000, a decrease of \$535,400 or 4.7% from the level adopted for 2021.

The decrease is primarily driven by a \$536,400 reduction in *Sludge Services*.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>OTHER GOVERNMENT AGENCIES</u></b>					
421210	IGR-Sludge Services	\$6,610,477	\$5,536,400	\$6,225,537	\$5,000,000
421220	IGR-Liquid Waste Discharge	4,146,280	5,900,000	4,818,866	5,900,000
421230	IGR-Hazardous Waste	27,672	30,000	26,591	31,000
	<b>Total</b>	<b>\$10,784,429</b>	<b>\$11,466,400</b>	<b>\$11,070,994</b>	<b>\$10,931,000</b>

**Note:** *IGR -Liquid Waste Discharge* is now being shown as part of Other Government Agencies category rather than Other Sewer Revenues. This will enable the Budget document and the Annual Comprehensive Financial Report to be in balance within reporting categories.

# Sewer Revenues

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## Other Sewer Revenues

### Source Description

*Other Sewer Revenues* are composed of several revenue sources not categorized elsewhere:

- *Septage Fees*: revenues from fees paid by septic tank pumping contractors disposing of septage from non-member town properties at the Hartford Water Pollution Control Facility.
- *FOG Fees*: Fees are charged to Class III and IV food service establishments to offset the costs of managing the Fats, Oils, and Grease (FOG) program. This program is required by the CT Department of Energy and Environmental Protection General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments.
- *Sewer Customer Service Charge*: recovers certain costs that include private property sewer work.
- *Bill Jobs*: revenue from payroll costs, material, and equipment costs associated with the repair of District property damaged by others.
- *Developers – PY/Material/Equipment*: Payroll costs for engineering and inspection services along with material and equipment costs charged against deposits made by developers and/or State Agencies for these services.
- *Rental Revenue*: revenue derived from the rental of space for cellular service antennae.
- *P.M. Unit Overhead*: Payments to the General Fund for indirect costs related to the long-term control plan.
- *Investment Income*: earnings on cash available for investment.

# Sewer Revenues

## Other Sewer Revenues

### Budget Commentary

Total *Other Sewer Revenues* for 2022 are adopted to be \$18,172,000, an increase of \$1,523,800 or 9.2% from the level adopted for 2021.

The increase is primarily driven by the rise in *Sewer Customer Service Charge*, offset by a \$1M reduction in *PMU Overhead*.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
<b><u>OTHER SEWER REVENUES</u></b>					
411010	Septage Fees	\$1,293,419	\$1,463,700	\$1,356,422	\$1,114,800
411020	Fog Fees	236,899	236,000	234,165	236,000
417830	Sewer Customer Service Charge	7,590,396	7,656,300	7,556,272	9,869,800
419400	Bill Jobs	33,142	20,000	13,991	10,000
419430	Developers - PY/Materal/Equipment	43,768	582,000	(366)	576,000
419510	RRB-Equipment	71,056	-	36,306	210,000
419540	RRB-Labor ST	17,576	-	4,337	50,000
419550	RRB- Contracts	-	-	23,972	-
419610	RRB-Lbr Add & Ovrhd	99,667	-	51,086	310,000
423300	Rental Revenue	139,808	145,600	134,564	153,800
429200	Rebates & Reimbursements	139,213	15,000	375,227	50,000
429210	Collections & Liens	-	100	-	100
429260	Legal Recovery	-	-	28,000	-
431100	Fines and Penalties	-	-	3,000	-
431210	Misc Revenue	130,336	150,000	72,174	150,000
431230	Vendor Discount Revenue	220	500	6,243	500
431240	Sale Of Material & Equipment	85,876	88,000	209,255	150,000
431250	PMU Overhead	8,291,000	6,291,000	6,291,000	5,291,000
	<b>Total</b>	<b>\$18,172,376</b>	<b>\$16,648,200</b>	<b>\$16,395,648</b>	<b>\$18,172,000</b>
<b><u>INVESTMENT INCOME</u></b>					
423100	Interest Income - Investments	145,404	200,000	30,448	40,000
	<b>Total</b>	<b>145,404</b>	<b>200,000</b>	<b>30,448</b>	<b>40,000</b>



# Sewer Revenues

## Sewer User Charge

### Source Description

*Sewer User Charge Revenue* is derived from *Non-Municipal tax-exempt users, High Flow Users and High Strength Users* charges within the District's eight-member towns and from all users in non-member towns who discharge sanitary waste into the MDC's sewer system. Revenue from non-municipal tax-exempt properties and from non-member towns is based on either sewer flows emanating from metered water usage or from flow meters installed at the point of connection into the MDC's sewer system. Revenue from high flow users (12,200 CCF per year or more) is based on estimated sewer flows from those users. A surcharge is levied on high flow users whose share of costs, based on flow, exceeds the portion of their annual property tax payments rendered in support of the District's sewer system. Conversely, high flow users in member towns are eligible for year-end rebates if their sewer user charge, based on flow, is less than the portion of the property tax they pay in support of sewer services. Revenue from high-strength users is based on laboratory results submitted to the District, in accordance with section 12 of the General Sewer Ordinances.

### Budget Commentary

*Sewer User Charge* revenues are adopted to be \$13,301,902, a decrease of \$71,998 or 0.5% below the revenue level adopted for 2021.

Primarily driven by decreased activity with *Bradley/ East Granby and High Flow Users*.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><u>OTHER USER REVENUE</u></b>				
(1)	High Flow Users (Net of Reserves)	2,366,095	3,259,200	1,565,473	1,195,402
415020	User Charges: Tax Exempt	5,876,363	6,308,300	5,985,708	8,536,900
415110	User Charges: High Strength	613,439	770,000	577,802	770,000
415010	SUC-Town of Farmington	220,234	174,100	161,184	166,200
415010	SUC-Town of South Windsor	12,773	32,400	15,445	15,900
415010	SUC-Town of Manchester	82,776	245,900	167,838	180,000
415010	Town of Cromwell	11,738	10,600	11,599	11,700
415030	User Charges: Bradley/E Granby	1,392,704	1,380,600	1,591,355	1,280,800
415040	User Charges: Deep/Landfill Discha	-	120,000	-	120,000
415050	User Charges: Customer Service C	-	43,000	-	25,000
429220	Late Payment Charge	698,774	1,029,800	1,252,679	1,000,000
	<b>Total</b>	<b>11,274,896</b>	<b>13,373,900</b>	<b>11,329,083</b>	<b>13,301,902</b>
	<b>Total Operating Revenues</b>	<b>\$62,750,596</b>	<b>\$64,849,600</b>	<b>\$62,804,783</b>	<b>\$66,378,502</b>

(1) 415230, 415210, 415220

# Sewer Revenues

## Other Financing Sources

### Source Description

Contributions (to) from Other Funds emanate from surpluses derived when project revenues exceed expenditures. Transfers from the *Assessable Fund* and *Debt Service Fund* are derived from the following sources:

- Unexpended balances available from the close-out of sewer capital improvement programs supported by District debt.
- Interest income from the investment of idle cash balances in the Debt Service Fund.
- Revenue Surplus funds transferred to the Debt Service Fund as authorized by the District Board and the Board of Finance.
- Bid premiums and accrued interest associated with competitive note and bond sales.

### Budget Commentary

Contributions are not anticipated for the 2022 fiscal year.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	Contributions (to) from Other Funds	-	-	-	-
		-	-	-	-

# Sewer Revenues

## Designated From Surplus

### Source Description

The Revenue Surplus item relates solely to the General Fund. A surplus available at the end of a fiscal year is a result of:

- An unallocated surplus carried over from the prior year.
- Expenditure savings realized during the current year (compared to the adopted expenditure level).
- Excess revenue received in the current year (over and above adopted revenue projections).

### Budget Commentary

A DEEP Contingency of \$1,980,000 and an anticipated surplus of \$2,700,000 will be available to support the budget expenditures for 2022, which is an increase of \$880,000 or 23.2% above the level adopted in 2021

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
440020	DEEP Contingency	-	-	-	1,980,000
431260	Designated From Surplus	-	3,800,000	-	2,700,000
	Total	-	3,800,000	-	4,680,000

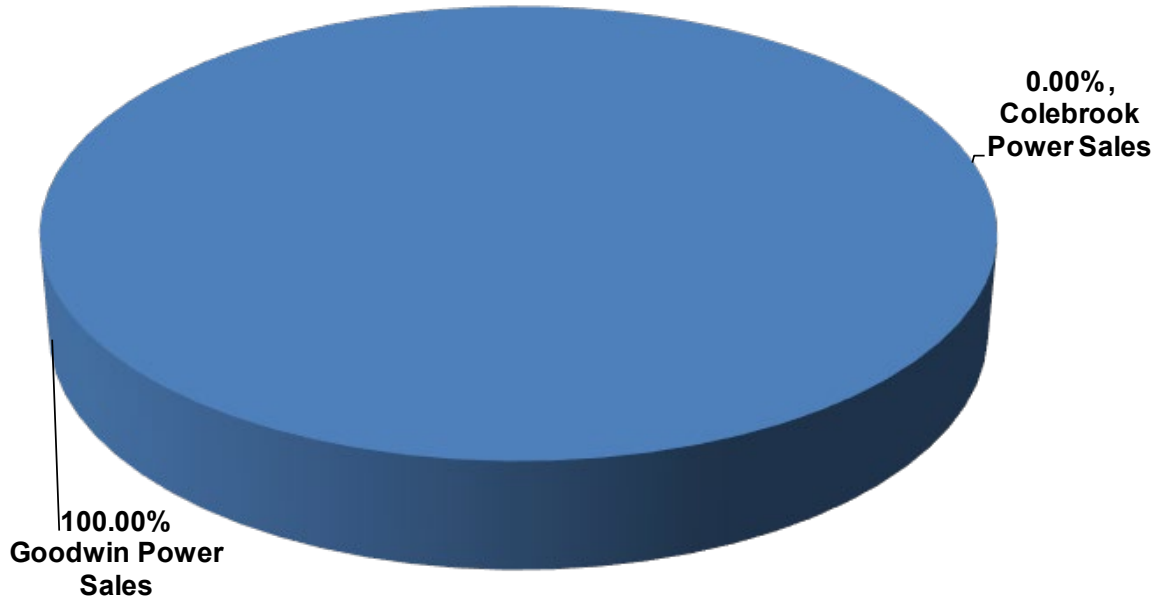
# **Hydroelectric Revenues**

Goodwin Power Sales  
Colebrook Power Sales

# Hydroelectric Revenues

## Revenue Breakdown

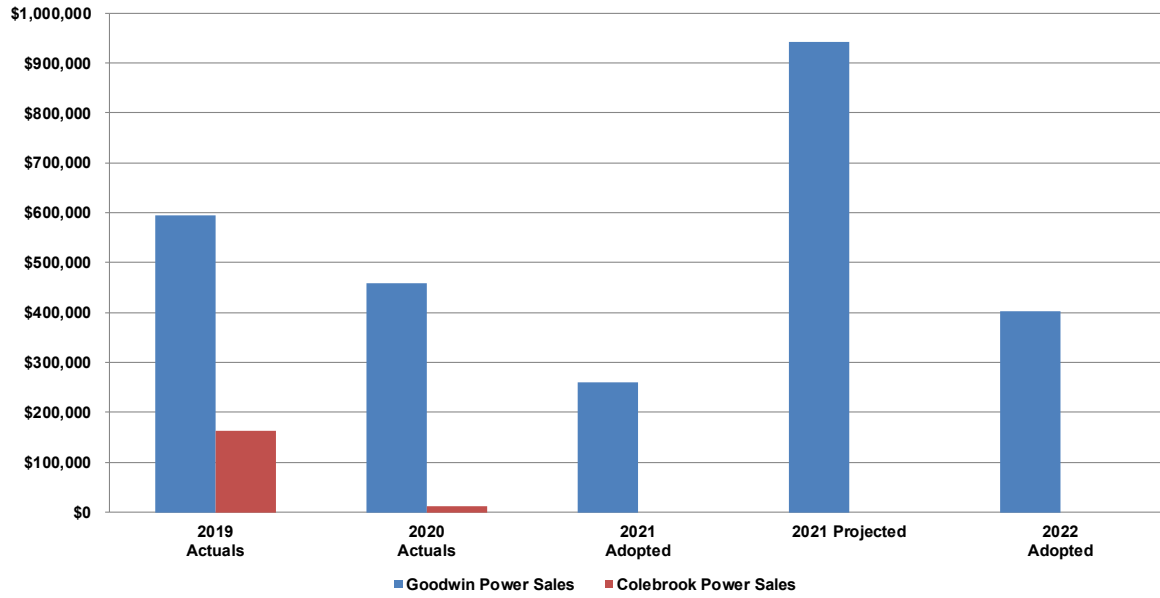
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<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Goodwin Power Sales	\$403,700	100.00%
Colebrook Power Sales	-	0.00%
<b>Total Revenues:</b>	<b>\$403,700</b>	<b>100.00%</b>

# Hydroelectric Revenues

## Five-Year Revenue Trend



	2019 Actuals	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Goodwin Power Sales	\$593,857	\$459,476	\$260,900	\$941,491	\$403,700
Colebrook Power Sales	163,460	12,400	-	-	-
<b>Total</b>	<b>\$757,317</b>	<b>\$471,876</b>	<b>\$260,900</b>	<b>\$941,491</b>	<b>\$403,700</b>

# Hydroelectric Revenues

## Summary

### Source Profile

Revenue in support of hydroelectric expenditures is derived from: the sale of power produced at the District's Goodwin and Colebrook Hydroelectric power facilities; interest earned from the investment of available cash; and surplus funds (if available) designated to support the expenditure budget. In 2020 The District ceased operating the Colebrook Hydroelectric Power Facility and no longer generates revenue from the facility.

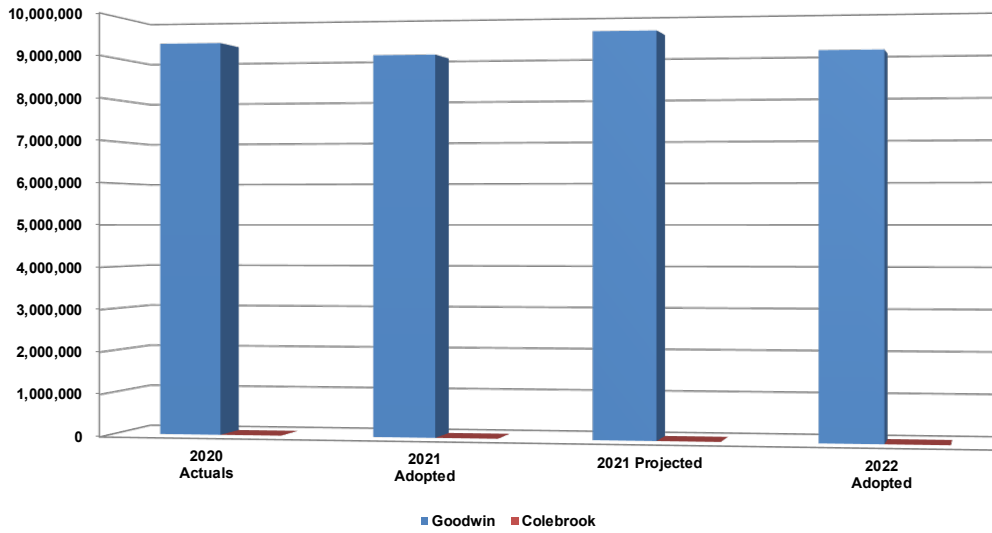
### Budget Highlights

The 2022 adopted budget revenues from the sale of power generated at The Goodwin Hydroelectric Facility in the coming year assumes a full production year. The total adopted budget of \$403,700, increased by \$142,800 or 54.7% from the level adopted for 2021. The increase in revenue is expected based on historical averages.

Commitment Item	Description	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
	<b><u>HYDROELECTRIC REVENUES</u></b>				
	Power Sales				
418010	Goodwin Power Sales	\$459,476	\$260,900	\$941,491	\$403,700
418010	Colebrook Power Sales	\$12,400	-	-	-
	Total	\$471,876	\$260,900	\$941,491	\$403,700

# Hydroelectric Revenues

## Power Generation by Kilowatt Hours



	2019 Actuals	2020 Actuals	2021 Adopted	2021 Projected	2022 Adopted
Goodwin	10,700,232	9,332,909	9,000,000	9,500,000	9,000,000
Colebrook	3,234,882	-	-	-	-
<b>Total</b>	<b>13,935,114</b>	<b>9,332,909</b>	<b>9,000,000</b>	<b>9,500,000</b>	<b>9,000,000</b>

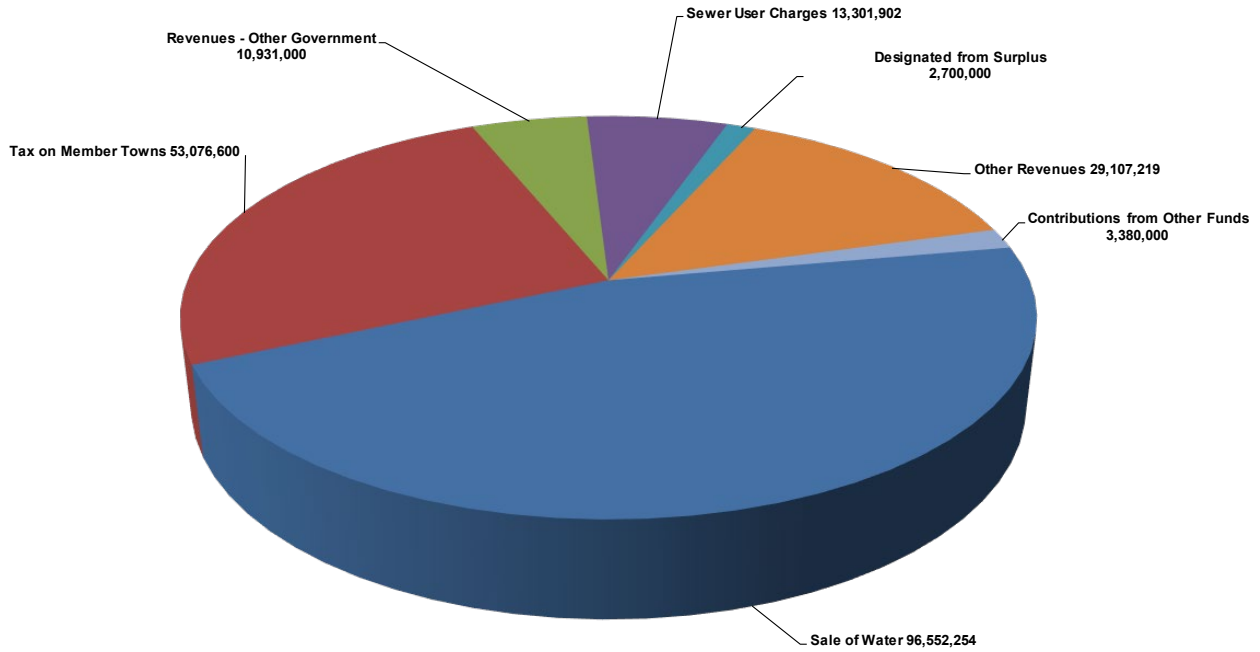
### Kilowatt Hours by Facility

Power production estimates for the coming year are based on historical averages. Changes in seasonal weather conditions have a significant effect on water supplies used for power generation.



# Exhibits

## Water and Sewer Revenues and Other Financing Sources



### Sale of Water

Domestic	22.67%
Commercial	7.49%
Industrial	1.72%
Public Authorities/Other	2.67%
Customer Service Charge	11.63%
Surcharge Non-Member Towns	0.22%
Special Surcharge Non-Member Towns	0.45%
<b>Total Sale of Water</b>	<b>46.85%</b>

### Town Tax

Hartford	6.84%
East Hartford	3.05%
Newington	2.34%
Wethersfield	2.07%
Windsor	2.29%
Bloomfield	1.88%
Rocky Hill	1.56%
West Hartford	5.80%
<b>Total</b>	<b>25.83%</b>

# Exhibits

## Tax Computation Schedule

**2022 Tax Computation Schedule**  
**Average Annual Receipts from Taxation on Member Towns**  
**for the Three Year Period Ending Previous to July 1, 2021**

Municipality	Year	Amount	Average	% of Total	2022 Tax	2021 Tax	Change	% Change
<b>Hartford</b>	2019	292,661,156						
	2020	338,716,074						
	2021	299,713,603						
	<b>Total</b>	<b>931,090,833</b>	<b>310,363,611</b>	<b>26.50%</b>	<b>14,067,500</b>	<b>13,169,100</b>	<b>898,400</b>	<b>6.82%</b>
<b>East Hartford</b>	2019	136,444,000						
	2020	135,901,000						
	2021	142,283,469						
	<b>Total</b>	<b>414,628,469</b>	<b>138,209,490</b>	<b>11.80%</b>	<b>6,264,400</b>	<b>6,015,200</b>	<b>249,200</b>	<b>4.14%</b>
<b>Newington</b>	2019	104,618,000						
	2020	108,053,000						
	2021	104,969,786						
	<b>Total</b>	<b>317,640,786</b>	<b>105,880,262</b>	<b>9.04%</b>	<b>4,799,100</b>	<b>4,681,000</b>	<b>118,100</b>	<b>2.52%</b>
<b>Wethersfield</b>	2019	91,415,625						
	2020	93,881,195						
	2021	96,166,545						
	<b>Total</b>	<b>281,463,365</b>	<b>93,821,122</b>	<b>8.01%</b>	<b>4,252,500</b>	<b>4,214,100</b>	<b>38,400</b>	<b>0.91%</b>
<b>Windsor</b>	2019	100,321,908						
	2020	102,631,807						
	2021	108,035,384						
	<b>Total</b>	<b>310,989,099</b>	<b>103,663,033</b>	<b>8.85%</b>	<b>4,698,600</b>	<b>4,551,500</b>	<b>147,100</b>	<b>3.23%</b>
<b>Bloomfield</b>	2019	79,999,762						
	2020	81,969,851						
	2021	94,071,721						
	<b>Total</b>	<b>256,041,334</b>	<b>85,347,111</b>	<b>7.29%</b>	<b>3,868,400</b>	<b>3,808,100</b>	<b>60,300</b>	<b>1.58%</b>
<b>Rocky Hill</b>	2019	69,532,241						
	2020	72,881,104						
	2021	69,834,428						
	<b>Total</b>	<b>212,247,773</b>	<b>70,749,258</b>	<b>6.04%</b>	<b>3,206,800</b>	<b>3,171,200</b>	<b>35,600</b>	<b>1.12%</b>
<b>West Hartford</b>	2019	258,947,000						
	2020	266,865,000						
	2021	263,097,751						
	<b>Total</b>	<b>788,909,751</b>	<b>262,969,917</b>	<b>22.46%</b>	<b>11,919,300</b>	<b>11,865,500</b>	<b>53,800</b>	<b>0.45%</b>

**Description:**

The method for taxing member municipalities is set forth in Section 3-12 and 3-13 of the District Charter, which grants the District Board acting on the recommendation of the Board of Finance, the power to levy a tax upon the towns sufficient to finance the District's General Fund expenditures. The tax is divided among the member towns in proportion to the total revenue each received from property taxation as averaged over the prior three years.

The amount of the 2022 tax due in the first half of the coming year is equivalent to 50% of the total 2021 tax levy on the eight-member towns. The total amount due from all towns in the first half of the year will be subtracted from the total 2022 tax level; the balance becomes the amount due in the second half of the year.

## Exhibits

### Member Municipalities – Economic and Demographic Information

The member municipalities comprising The Metropolitan District are located in central Connecticut, midway between Boston and New York. The Town of East Hartford operates under a strong Mayor-Council form of government, while all other member municipalities operate under the Council-Manager system.

The member municipalities are served by a network of highways. Interstate 91 provides north-south access between New Haven and the Canadian border. Interstate 84 runs from Hartford west to Danbury and through New York State and east to Massachusetts Turnpike. State Routes 2 and 9 link Hartford with Connecticut's southern coast on Long Island Sound. Connecticut's largest airport, Bradley International, is located 14 miles north of the City of Hartford.

Population and Density					
Municipality	2020 Population	2010 Population	% Change 2020—2010	Square Miles	Density <sup>1</sup>
Bloomfield	21,535	20,486	5.1	26.1	785
East Hartford	51,045	51,252	-0.4	18.0	2,848
Hartford	121,054	124,775	-3.0	17.4	7,179
Newington	30,536	30,562	-0.1	13.1	2,326
Rocky Hill	20,845	19,709	5.8	13.5	1,465
West Hartford	64,083	63,268	1.3	21.8	2,897
Wethersfield	27,298	26,668	2.4	12.3	2,166
Windsor	29,492	29,044	1.5	29.5	984

<sup>1</sup> Based on 2010 population. Source: U.S. Department of Commerce, Bureau of Census.

Income Levels		
Municipality	Income Per Capita	Median Household Income
Bloomfield	\$43,800	\$76,717
East Hartford	29,015	55,967
Hartford	21,163	36,278
Newington	39,397	81,646
Rocky Hill	46,153	85,125
West Hartford	56,692	104,281
Wethersfield	45,922	86,216
Windsor	41,080	92,199
District Average	\$40,540	\$75,148
State Average	\$44,496	\$78,444

Source: U.S. Department of Commerce, Bureau of Census. (in 2019 dollars), 2015-2019

Labor Force Data			
November 2021			
Municipality	Employed	Unemployed	Percent
Bloomfield	10,940	613	5.3
East Hartford	24,894	1,666	6.3
Hartford	47,503	4,142	8.0
Newington	13,061	603	4.4
Rocky Hill	10,947	486	4.3
West Hartford	32,537	1,265	3.7
Wethersfield	13,089	680	4.9
Windsor	15,431	846	5.2
Hartford Labor Market	578,297	28,998	4.8
State of Connecticut	1,761,700	88,600	4.8

Source: Connecticut Department of Labor and Connecticut Economic Resource Center

## Exhibits

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### HISTORICAL WATER USE RATES

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<b>Year Adopted</b>	<b>Water Used Rates (Per CCF)</b>	<b>Untreated Water Rates (Per CCF)</b>
2006	\$1.84	\$0.73
2007	\$1.96	\$0.88
2008	\$2.21	\$0.99
2009	\$2.07	\$0.99
2010	\$2.12	\$0.99
2011	\$2.35	\$0.99
2012	\$2.43	\$1.00
2013	\$2.50	\$1.00
2014	\$2.53	\$1.00
2015	\$2.53	\$1.00
2016	\$2.66	\$1.00
2017	\$2.77	\$1.00
2018	\$3.14	\$1.50
2019	\$3.50	\$1.50
2020	\$3.97	\$1.50
2021	\$4.05	\$1.50
2022	\$4.09	\$1.50

# Exhibits

## HISTORICAL WATER SURCHARGES

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
	<u>Monthly</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Monthly</u>
<u>Customer Service Charge (SEC. W1b)</u>							
Size of Meter							
5/8"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
3/4"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
1"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
1 1/2"	\$20.50	\$48.60	\$48.60	\$48.60	\$48.60	\$48.60	\$48.60
2"	\$32.98	\$77.80	\$77.80	\$77.80	\$77.80	\$77.80	\$77.80
3"	\$125.21	\$145.89	\$145.89	\$145.89	\$145.89	\$145.89	\$145.89
4"	\$159.20	\$243.55	\$243.55	\$243.55	\$243.55	\$243.55	\$243.55
6"	\$511.79	\$486.07	\$486.07	\$486.07	\$486.07	\$486.07	\$486.07
8"	\$601.85	\$771.16	\$771.16	\$771.16	\$771.16	\$771.16	\$771.16
10"	\$619.05	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77
12"	\$1,083.33	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38
<u>Surcharge Outside the Metropolitan District (SEC. W1c)</u>							
Size of Meter							
5/8"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
3/4"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
1"	\$13.48	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98	\$14.98
1 1/2"	\$20.50	\$48.60	\$48.60	\$48.60	\$48.60	\$48.60	\$48.60
2"	\$32.98	\$77.80	\$77.80	\$77.80	\$77.80	\$77.80	\$77.80
3"	\$125.21	\$145.89	\$145.89	\$145.89	\$145.89	\$145.89	\$145.89
4"	\$159.20	\$243.55	\$243.55	\$243.55	\$243.55	\$243.55	\$243.55
6"	\$511.79	\$486.07	\$486.07	\$486.07	\$486.07	\$486.07	\$486.07
8"	\$601.85	\$771.16	\$771.16	\$771.16	\$771.16	\$771.16	\$771.16
10"	\$619.05	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77	\$1,777.77
12"	\$1,083.33	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38	\$1,896.38
<u>Charges for Private Fire Protection Service (SEC. W6f)</u>							
Size of Meter							
2"	\$14.38	\$15.75	\$17.91	\$19.85	\$19.96	\$22.85	\$22.85
3"	\$18.72	\$20.49	\$23.30	\$25.82	\$31.61	\$33.75	\$33.75
4"	\$28.10	\$30.76	\$34.98	\$38.77	\$47.46	\$60.00	\$60.00
6"	\$47.12	\$51.59	\$58.67	\$65.02	\$79.60	\$135.00	\$135.00
8"	\$70.85	\$77.57	\$88.21	\$240.00	\$240.00	\$240.00	\$240.00
10"	\$118.65	\$129.91	\$147.73	\$375.00	\$375.00	\$375.00	\$375.00
12"	\$166.87	\$182.70	\$207.76	\$540.00	\$540.00	\$540.00	\$540.00
16"	N/A	N/A	N/A	N/A	N/A	\$960.00	\$960.00
20"	N/A	E5	N/A	N/A	N/A	\$1,500.00	\$1,500.00
24"	N/A	N/A	N/A	N/A	N/A	\$2,160.00	\$2,160.00

# Exhibits

## HISTORICAL WATER ASSESSMENT RATES AND OTHER RELATED CHARGES AND SPECIAL RULES AND CHARGES

<u>Water Assessment Rates and Other Related Charges:</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Main Pipe Assessment (per ft)	\$95.00	\$95.00	\$95.00	\$95.00
Service Pipe Taps				
Domestic (Includes spacer and meter costs)				
1" Service Tap with 5/8" Meter	\$670.00	\$690.00	\$910.00	\$910.00
1" Service Tap with 3/4" Meter	\$675.00	\$730.00	\$925.00	\$925.00
1-1/2" Service Tap with 1" Meter	\$800.00	\$935.00	\$995.00	\$995.00
2" Service Tap with 1-1/2" Meter	\$1,400.00	\$1,400.00	\$1,890.00	\$1,890.00
4" Service Tap with 2" Meter	\$1,450.00	\$1,450.00	\$2,000.00	\$2,000.00
4" Service Tap with 3" Meter	\$1,580.00	\$1,580.00	\$3,640.00	\$3,640.00
6" Service Tap with 4" Meter	\$1,780.00	\$1,780.00	\$4,190.00	\$4,190.00
8" Service Tap with 6" Meter	\$2,400.00	\$2,400.00	\$5,970.00	\$5,970.00
10" Service Tap with 8" Meter	\$3,370.00	\$3,370.00	\$15,850.00	\$15,850.00
12" Service Tap with 10" Meter			\$18,120.00	\$18,120.00
12" Service Tap with 12" Meter			\$18,810.00	\$18,810.00
Fire Service				
2" Fire Service Tap	\$650.00	\$750.00	\$750.00	\$750.00
4" Fire Service Tap	\$550.00	\$550.00	\$1,100.00	\$1,100.00
6" Fire Service Tap	\$550.00	\$550.00	\$1,100.00	\$1,100.00
8" Fire Service Tap	\$550.00	\$550.00	\$1,100.00	\$1,100.00
Hydrants				
Installed after the main	\$10,800.00	\$11,500.00	\$11,600.00	\$11,600.00
Hydrant Maintenance	\$125.00	\$135.00	\$140.00	\$145.00
Hydrant Relocation	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
	deposit + actual cost + overhead	deposit + actual cost + overhead	deposit + actual cost + overhead	deposit + actual cost + overhead
Fire Flow Testing	\$400.00	\$400.00	\$400.00	\$400.00

# Exhibits

## HISTORICAL WATER ASSESSMENT RATES AND OTHER RELATED CHARGES AND SPECIAL RULES AND CHARGES

<u>Special Meter Charges and Deposits:</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Hydrant Meters				
Administrative and meter reading fee, including connection and inspection fees + actual water use to be billed	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
Hydrant Meter Deposit	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
Backflow Device Testing per device Fee	\$90.00	\$90.00	\$90.00	\$90.00
Subsequent re-inspection and testing fee, if backflow prevention device required	\$100.00	\$100.00		
Installation, Repair or Replacement of Company Meters				
5/8" meter	\$225.00	\$250.00	\$360.00	\$360.00
3/4" meter	\$260.00	\$260.00	\$375.00	\$375.00
1" meter	\$300.00	\$300.00	\$445.00	\$445.00
1-1/2" Meter	\$1,000.00	\$1,000.00	\$1,140.00	\$1,140.00
2" Meter	\$1,300.00	\$1,300.00	\$1,250.00	\$1,250.00
3" Meter	\$1,425.00	\$1,430.00	\$2,630.00	\$2,630.00
4" Meter	\$1,700.00	\$1,700.00	\$3,180.00	\$3,180.00
6" Meter	\$2,700.00	\$2,700.00	\$4,960.00	\$4,960.00
8" Meter	\$4,100.00	\$4,100.00	\$14,840.00	\$14,840.00
10" Meter	-	-	\$17,110.00	\$17,110.00
12" Meter	-	-	\$17,800.00	\$17,800.00
Hydrant meter assembly	-	-	\$2,000.00	\$2,000.00
Meter box (5/8" - 1")	-	-	\$1,750.00	\$1,750.00
Meter pit (1 - 1/2" and Larger)	-	-	actual cost* + overhead	actual cost* + overhead
Radio transmitter unit	\$200.00	\$200.00	\$200.00	\$200.00

# Exhibits

## HISTORICAL WATER ASSESSMENT RATES AND OTHER RELATED CHARGES AND SPECIAL RULES AND CHARGES

<u>Special Meter Charges and Deposits:(Cont'd)</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Spacer Charges				
5/8", 3/4"	\$160.00	\$160.00	\$160.00	\$160.00
1"	\$165.00	\$165.00	\$165.00	\$165.00
1-1/2"	\$225.00	\$225.00	\$225.00	\$225.00
2" & larger	\$250.00	\$250.00	\$250.00	\$250.00
Damaged Hydrant Charge				
Replacement	actual cost + overhead	actual cost + overhead	actual cost + overhead	actual cost + overhead
Repair	actual cost + overhead	actual cost + overhead	actual cost + overhead	actual cost + overhead
Delinquent Account Review and Lien Fees	\$90.00	\$90.00	\$90.00	\$90.00
Delinquent Account Review and Lien Fees-Condo Association	\$26.00	N/A	N/A	N/A
Checks Returned for Insufficient Funds	\$60.00	\$60.00	\$60.00	\$60.00
Shut-Off/Turn-on for Non-Payment	\$125.00	\$125.00	\$125.00	\$125.00
Shut-Off/Turn-on for Non-Payment (subsequent event in same year)	\$225.00	\$225.00	\$225.00	\$225.00
Scheduled Overtime/Emergency Inspections	\$325.00	\$325.00	\$325.00	\$325.00
Off and On Within 12 Months	\$110.00	\$125.00	\$125.00	\$125.00
Install Permanent Meter (No Service Tap)				
5/8" Meter	\$110.00	\$250.00	\$360.00	\$360.00
3/4" Meter	-	\$260.00	\$375.00	\$375.00
1" Meter	-	\$300.00	\$445.00	\$445.00
1 - 1/2" Meter	-	\$1,000.00	\$1,140.00	\$1,140.00
2" Meter & Larger	\$275.00	\$1,300.00	\$1,250.00	\$1,250.00
Backflow Prevention Device Testing	\$90.00	\$90.00	\$90.00	\$90.00
Service Call 1st visit free	N/A	N/A	N/A	N/A
Service Call - Subsequent visits	\$90.00	\$125.00	\$125.00	\$125.00
Closing Meter Read Fee (per visit)	\$110.00	N/A	N/A	N/A
Check reading & leaks (no problem found)	\$90.00	\$125.00	\$125.00	\$125.00
Water Wagon-Saturday	\$1,030.00	\$1,030.00	N/A	N/A
Water Wagon-Sunday	\$1,350.00	\$1,350.00	N/A	N/A
Water Tanker -Registration Fee + actual water use to be billed	\$75.00	\$540.00	N/A	N/A
Administrative Review for Water and/or Sewer Services	\$465.00	\$570.00	\$540.00	\$540.00
Tampering of Hydrant or Water Supply				
First Offense	\$500.00	\$500.00	\$500.00	\$500.00
Subsequent Offense	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Water Service Installation Charge	\$1,800.00	\$150.00 /ft	\$150.00 /ft	\$150.00 /ft



## Exhibits

### HISTORICAL RATES

Year Adopted	Member Town Ad Valorem	Sewer User Rate (Per CCF)	BOD Rates (Per CCF)	COD Rates (Per CCF)	Suspended Solids Rates (Per CCF)	Clean Water Project Charge (Per CCF)
2010	\$ 30,967,000	\$2.08	\$0.25	\$0.25	\$0.20	\$1.05
2011	\$ 32,360,500	\$2.35	\$0.28	\$0.28	\$0.23	\$1.40
2012	\$ 33,493,200	\$2.43	\$0.29	\$0.29	\$0.24	\$1.90
2013	\$ 34,799,400	\$2.52	\$0.30	\$0.30	\$0.25	\$2.40
2014	\$ 36,156,600	\$2.62	\$0.31	\$0.31	\$0.26	\$2.90
2015	\$ 37,446,400	\$2.75	\$0.33	\$0.33	\$0.27	\$2.90
2016	\$ 38,944,300	\$2.86	\$0.34	\$0.34	\$0.28	\$3.25
2017	\$ 41,670,400	\$3.06	\$0.36	\$0.30	\$0.30	\$3.50
2018	\$ 45,004,000	\$3.37	\$0.40	\$0.40	\$0.33	\$3.80
2019	\$ 48,153,100	\$4.64	\$0.55	\$0.55	\$0.45	\$4.10
2020	\$ 51,475,700	\$5.15	\$0.61	\$0.61	\$0.50	\$4.10
2021	\$ 51,475,700	\$5.31	\$0.63	\$0.63	\$0.52	\$4.10
2022	\$ 53,076,600	\$5.90	\$0.70	\$0.70	\$0.58	\$4.10
2012-2022 CAGR	4.7%					
2021-2022 Change	3.1%	11.1%	11.1%	11.1%	11.5%	0.0%

BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

Suspended Solids strength charge

N/A = Not Applicable

$CAGR = ((End\ Value / Start\ Value)^{1 / (Total\ Periods - 1)}) - 1$

## Exhibits

### COMPOUND ANNUAL GROWTH RATE SCHEDULE

<u>Description</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<b>2017-2022 CAGR</b>	<b>2021-2022 Change</b>
Ad Valorem	\$45,004,000	\$48,153,100	\$51,475,700	\$51,475,700	\$53,099,800	<b>5.0%</b>	<b>3.1%</b>
Sewer Debt Service	\$28,519,400	\$34,069,500	\$36,468,600	\$36,090,300	\$35,117,500	<b>9.1%</b>	<b>-2.8%</b>
Total Sewer Budget	\$78,977,200	\$91,260,800	\$94,859,100	\$96,964,200	\$98,216,302	<b>7.4%</b>	<b>1.3%</b>
Sewer User Charge \$	3.37	\$4.64	\$5.15	\$5.31	\$5.90	<b>14.0%</b>	<b>10.0%</b>
Base Water Rate \$	3.14	\$3.50	\$3.97	\$4.05	\$4.24	<b>8.9%</b>	<b>4.5%</b>
Water Debt Service	\$28,221,900	\$31,753,300	\$33,825,200	\$35,114,000	\$36,101,300	<b>6.8%</b>	<b>2.7%</b>
Total Water Budget	\$88,115,700	\$98,207,400	\$102,138,700	\$108,551,700	\$111,812,187	<b>6.0%</b>	<b>2.9%</b>
Headcount	489	485	479	454	438	<b>-3.1%</b>	<b>-3.7%</b>

***CAGR:  $=((\text{End Value}/\text{Start Value})^{1/(\text{Total Periods} - 1)}) - 1$***

## Exhibits

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### HISTORICAL HEADCOUNT

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<u>Budget</u>	<u>2021</u>	<u>2022</u>	<u>Change</u>
Operating	401	391	-10
Capital Improvement	53	47	-6
Clean Water Project	<u>0</u>	<u>0</u>	<u>0</u>
Total	454	438	-16

# Glossary

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## Abbreviations/Acronyms

The following abbreviations are commonly used throughout the budget document.

<b>Acronym</b>	<b>Description</b>
AAP	Affirmative Action Plan
AMS	Application Management Services
BPW	Bureau of Public Works
CCF	Hundred cubic feet
CIP	Capital Improvement Program
CMOM	Capacity, Management, Operations & Maintenance
CSO	Combined Sewer Overflow
CWP	Clean Water Project
DEEP	Department of Energy and Environmental Protection
EPA	Environmental Protection Agency
FERC	Federal Energy Regulatory Commission
FRWA	Farmington River Watershed Association
GFOA	Government Officers Finance Association
GIS	Geographic Information System
HHW	Household Hazardous Waste
IBNR	Incurred But Not Reported
IoT	Internet of Things
LIMS	Laboratory Information Management System
LTCP	Long Term Control Plan
MDC	Metropolitan District Commission (also used for The Metropolitan District)
MGD	Million gallons per day
OPEB	Other Post-Employment Benefits
PLC	Programmable Logic Controller
PLO	Project Loan Obligation
PMU	Program Management Unit
ROW	Right-of-way
R&M	Repair and Maintenance
RRI	Riverfront Recapture, Inc.
SDWA	Safe Drinking Water Act
SSO	Sewer Separation Overflow
TCO	Total Cost of Ownership
VMF	Vehicle Maintenance Facility

# Glossary

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## Definitions

**Adopted Budget:** the budget approved annually by the District Board, as required by the Charter of the Metropolitan District.

**Affirmative Action Plan (AAP):** a document detailing the Metropolitan District's policy of non-discrimination and its employment practices with regard to steps taken or to be taken to recruit, employ, train, transfer, promote and otherwise advance in employment qualified minorities and females.

**Allotment:** specific expense items within a major account.

**Application Management Services:** are services that support the maintaining, enhancing and managing the Metropolitan District's SAP enterprise application.

**Appropriation:** the amount of money allocated for a specific use.

**Assessable Sewers:** sewer installations for which the benefits are directly assessed to property owners served or to be served by such sewers.

**Assessable Sewer Fund:** fund in which sewer assessment payments accrue for the purpose of funding the construction of Assessable Sewers on a pay-as-you-go basis.

**Authorized Positions:** positions authorized for inclusion in the Metropolitan District's table of organization, as recommended by the Personnel, Pension & Insurance Committee and approved by the District Board.

**Backflow Prevention Device:** plumbing device installed in a sewer house connection to prevent the backup of sewage into a home or business.

**Board of Finance:** a board of the Metropolitan District Commission responsible for financial and budgetary policy-making as outlined under Section 3 of the District Charter.

**Bureau of Public Works (BPW):** bureau of Board responsible for policy-making related to the District's sewerage system.

**Call-Before-You-Dig:** State of Connecticut-mandated program requiring all utilities to locate and mark their underground facilities in the vicinity of pending construction.

**Capital Improvement Program/Plan (CIP):** the District's long-range plan for improving, upgrading and expanding its capital facilities, as set forth annually in the capital improvement budget.

**Capital Outlay:** budget account comprised of equipment costing \$5,000.00 or more with an anticipated useful life of 3 years or longer.

## Glossary

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**Catch Basin:** a receptacle at the entrance to a sewer designed to collect storm water or surface water runoff.

**CCF:** hundred cubic feet; the equivalent of approximately 750 gallons.

**Charter:** the Charter of The Metropolitan District; Special Act 511 of the 1929 session of the Connecticut General Assembly, as amended.

**Chief Executive Officer (CEO):** the District's highest ranking employee; responsible for the overall management and administration of the programs and activities of the Metropolitan District.

**Clean Water Act:** federal legislation governing required levels of treatment for sanitary and industrial wastes prior to discharge into the nation's waters.

**Clean Water Project:** a fifteen year federal and state mandated project to eliminate all combined and sanitary sewer overflows by the year 2018.

**Combined Sewer:** sewer line that carries both storm water and sanitary sewage.

**Combined Sewer Overflow (CSO):** DEP-permitted overflow of storm water and sanitary sewage into the Connecticut River as a result of overloading of combined sewers during storm events.

**Commission:** see District Board

**Commissioners:** members of the District Board, whose appointments and terms are outlined in the Charter; current membership totals 29 Commissioners.

**Consent Order:** an agreement/legal obligation between a State of Connecticut regulatory agency (DEEP, DPH, etc.) and the MDC calling for certain improvements to be made according to a definitive schedule.

**Cross-Connection:** a plumbing configuration that enables a potable water source to be mixed with a non-potable substance as a result of a backflow situation, a reduction in pressure, etc.

**Department:** group of related activities aimed at accomplishing a major service for which the District is responsible.

**Department Head:** individual who is responsible for the overall administration and performance of a Department.

**Department of Energy and Environmental Protection (DEEP):** lead State of Connecticut regulatory agency responsible for enforcing federal Clean Water Act requirements.

# Glossary

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**Department of Public Health (DPH):** lead State of Connecticut regulatory agency responsible for enforcing federal Safe Drinking Water Act requirements.

**Developer's Permit Agreement:** process by which developers may perform water and sewer installation work on behalf of the District.

**District Board:** the Metropolitan District's board of commissioners; the policy-makers of the Metropolitan District.

**Effluent:** the liquid end product of the wastewater treatment process.

**Emergency Action Plan (EAP):** dam failure emergency plan required of owners of hydroelectric facilities in accordance with Federal Energy Regulatory Commission (FERC) mandates.

**Environmental Protection Agency (EPA):** federal agency responsible for promulgating and enforcing Clean Water Act and Safe Drinking Water Act regulations through the Connecticut Department of Energy and Environmental Protection and the Connecticut Department of Public Health, respectively.

**Expenditure:** actual disbursement or expense.

**Federal Energy Regulatory Commission (FERC):** federal agency governing the licensing and operations of the District's Goodwin and Colebrook hydroelectric power projects.

**Fund:** fiscal and accounting entity which is segregated for the purpose of carrying on specific activities in accordance with special regulations, restrictions, or limitations.

**Funding Allocation:** amount within a Fund allocated to a specific activity.

**Geographic Information System (GIS):** a system of computer hardware, software and procedures designed to support, capture, manage, manipulate, analyze, model and display spatially referenced data for solving complex planning and management problems.

**General Obligation (GO) Bond:** long-term bond backed by the full faith and credit of a government institution, like the Metropolitan District.

**Grit:** sand and organic materials that enter the District's water pollution control facilities through the combined sewerage system.

**House Connection:** section of the sanitary sewer line that is the property owner's responsibility; runs from the sewer lateral to the home or business.

**Household Hazardous Waste (HHW):** common household items (polishes, paints, aerosols, etc.) that are hazardous to the environment, necessitating that they be separated from the waste stream to ensure proper disposal. The District administers several household hazardous waste collections in member and non-member communities each spring and fall.

# Glossary

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**Individual Water Supply Plan:** a Connecticut water purveyor's 50 year plan for providing adequate supplies of potable water to its current and future service areas, as regulated by the Connecticut Department of Public Health.

**Information Technology:** department responsible for the planning, development and ongoing administration of an integrated, District-wide information storage, communication and computing program.

**Infrastructure:** permanent installations of the District's water and/or sewer system (mains, hydrants, treatment facilities, dams, etc.).

**Internet of Things (IoT):** describes physical objects that are embedded with sensors, processing ability, software, and other technologies that connect and exchange data with other devices and systems over the Internet or other communications networks.

**Line Item:** specific allotments within appropriations as approved by the District Board in the adopted budget.

**Lock Box:** term used to describe the off-site handling of bill payments by a banking institution.

**Main(s):** major water or sewer line, usually located in a public street or right-of-way.

**Maintenance:** major budget account comprised of goods and services necessary for the effective maintenance of District facilities and equipment.

**Major Account:** a summary of expenses by a specific category: payroll, operations, maintenance, and capital outlay.

**Member Towns:** municipalities incorporated in the District: the City of Hartford and the Towns of East Hartford, West Hartford, Wethersfield, Rocky Hill, Newington, Bloomfield and Windsor.

**Metropolitan District Commission (MDC):** the policy-making body of the Metropolitan District; the District Board.

**National Pollutant Discharge Elimination Standards (NPDES) Permit:** DEP permitting system/standards under which the District operates its water pollution control facilities; the standards governing the contents of the effluent emanating from MDC water pollution control facilities.

**Other Post-Employment Benefits (OPEB):** Employees of state and local governments may be compensated in a variety of forms in exchange for service that will not be received until after their employment with the government ends. The most common type of these postemployment benefits is a pension. Postemployment benefits other than pensions generally take the form of health insurance and dental, vision, prescription, or other



## Glossary

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healthcare benefits provided to eligible retirees, including in some cases their beneficiaries. They may also include some type of life insurance. As a group, these are referred to as OPEB.

**Operations:** major budget account comprised of basic goods and services necessary to ensure ongoing administrative, technical and system operations.

**Outlet Charges:** fees paid by developers/homeowners to connect to the District's sanitary sewer system.

**Payroll:** major budget account comprised of regular pay, overtime, temporary help and standby/premium pay allotments.

**Project Loan Obligation (PLO) Bond:** A note issued by a municipality to evidence the permanent financial of a project loan.

**Polymer:** chemical used in the sludge thickening process.

**Proposed Budget:** fiscal operating plan submitted by the Chief Executive Officer to the District Board for their approval.

**Raw Water:** unfiltered, untreated water from MDC reservoirs.

**Remote Meter Reading:** technology used to read District water meters without needing to be on-site.

**Revenue:** all sources of income in support of the District's operating budget.

**Revenue, Non-Operating:** category of water revenues that includes several miscellaneous items such as: investment income; revenue from gravel, forestry sales and recreation; and bill jobs.

**Revenue, Operating:** category of water revenues that includes: sales of treated and untreated water; hydrant maintenance and fire service charges; and other revenues associated with the operation of the District's water system.

**Right-of-way (ROW):** property on which the District has the legal right to construct potable water and sanitary sewer pipelines.

**Riparian Commitment:** legal obligation to release an agreed-upon volume of river water for downstream users.

**Riverfront Parks System:** system of parks along the banks of the Connecticut River in Hartford and East Hartford that is maintained by District forces under an agreement with Riverfront Recapture, Inc., the non-profit entity charged with revitalizing the Connecticut River in the Hartford area.

## Glossary

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**Sand Reconditioning:** a process used to wash the sand in the filter beds at the West Hartford and Bloomfield (Reservoir No. 6) Water Treatment Facilities. At West Hartford, a more labor-intensive slow sand reconditioning process is used, while a more automated rapid sand reconditioning process is used at Bloomfield.

**Safe Drinking Water Act (SDWA):** Public Law 93-523 The Safe Drinking Water Act; also known as Public Health Code Regulation 19-13-B102 "Standards for Quality of Drinking Water" under the Connecticut State Department of Health (effective on June 1, 1977).

**Sanitary Sewer:** a sewer line that exclusively carries sanitary sewage.

**Screenings:** coarse, floating materials (rags, small tree limbs, etc.) that enter the District's water pollution control facilities through the combined sewerage collection system and require removal from the wastewater treatment process through the use of screening devices.

**Septage:** domestic waste emanating from septic tanks.

**Service(s):** term used to describe the section of a water line that connects a water main to the private water line serving a home or business.

**Sewer Lateral:** section of sewer line that connects a sewer main to a house connection.

**Sewer User Charge:** charges levied against certain categories (high flow, high strength and tax exempt users) of customers to recover the cost of operating and maintaining the MDC's sewer system.

**Sludge:** solid end product of the sewage treatment process.

**South Meadows Service Center:** 60 Murphy Road, Hartford, facility opened in 1998, at which the District's Utility Services personnel are stationed.

**Standby & Premium Pay:** compensation paid employees assigned to on-call status and for those employees assigned to shift operations.

**Storm Sewer:** a sewer line that exclusively carries storm water.

**Surplus:** excess prior year funds available to support the new year budget.

**Tax on Member Municipalities:** annual tax levied on member towns to support the cost of sewer system operations; the District's primary source of sewer revenue.

**Temporary Help:** a category of payroll to provide salaries for non-permanent employees, usually summer interns and/or help.

## Glossary

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**The Metropolitan District:** municipal corporation (established by Special Act 511 of the 1929 session of the Connecticut General Assembly) responsible for regional potable water and sanitary sewerage systems in its member towns.

**Treated Water:** potable water filtered and chemically treated water at the District's water treatment facilities.

**Treatment, Primary:** first step in the wastewater treatment process; involves physical removal/settling of "floatables" from waste stream.

**Treatment, Secondary:** biological process by which dissolved organic matter and suspended solids are removed from the waste stream at the District's water pollution control facilities.

**Total Cost of Ownership (TCO):** a financial estimate of all direct and indirect costs associated with a purchase, capital investment or acquisition of computer hardware and software. Indirect costs include initial installation, personnel training, maintenance, technical support, upgrades and downtime (estimate of business revenue loss).

**Turnover:** position vacancies attributable to retirements, promotions, termination and/or resignations.

**Vehicle Maintenance Facility (VMF):** centralized facility at which the District's rolling stock and heavy equipment are maintained; located at 50 Murphy Road, Hartford.

**Waste Processing:** process of turning municipal solid waste into a usable fuel for the production of electricity.

**Water Bureau:** bureau of Board responsible for policy-making related to the potable water operations of the District.

**Water Pollution Control (WPC):** term used to describe wastewater treatment and related operations by which the District's sewage effluent is made safe for discharge to the Connecticut River.

**Working Funds:** surplus funds available to support the potable water "side" of the budget.

**Work Year:** 2,080 hours for a 40 hour work week; 1,950 hours per 37.5 hour work week.

# 2022 Capital Improvement Program

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## Summary

### Overview

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

The MDC will pursue funding for eligible projects under the State of Connecticut Department of Public Health's Drinking Water State Revolving Fund (water projects), State of Connecticut Department of Energy and Environmental Protection's Clean Water Fund (wastewater projects), and other State and/or Federal funding programs. The 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 are improvements and modernization to MDC's wastewater collection system infrastructure and water pollution control facilities. The following are some of next year's significant expenditures.

Hartford Large Diam. Sewer Rehabilitation Program - Phase 2	\$ 9,900,000
Various Sewer Pipe Replacement/Rehabilitations	7,500,000
Easement Sewer Lining Program - Phase 1	6,200,000

#### Water

This budget will fund improvements to the District's drinking water infrastructure, including treatment plants, pipeline, storage facilities, and pump stations. The District is targeting 10 miles of new and replacement water main installations in 2022, and listed below are some of the significant expenditures demonstrating that level of commitment.

Capitol Ave. Area Water Main Replacement, Hartford	\$11,500,000
Farmington 11 / Sisson Ave. Area WMR (water work), Hartford	10,000,000
Hartford Hospital Area Water Main Replacement (water work), Hartford	7,100,000

# 2022 Capital Improvement Program

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## Summary

### Five-Year Capital Improvement Program

The District has undertaken a comprehensive asset management program that systematically replaces water and sewer infrastructure to maintain and improve assets to ensure safe and efficient operations. In addition to the comprehensive asset management program, the District anticipates continuing projects associated with the Clean Water Project during 2022.

The District submitted an Integrated Plan to CT DEEP as part of its Consent Order required CSO Long Term Control Plan Update in December 2018. Modifications and an Executive Summary were most recently submitted in May 2020, and a Phase I Implementation Plan, which summarized projects through 2028, was most recently submitted in February 2021. CT DEEP has not yet approved this Plan; however, negotiations are underway. In the absence of approval, multiple rehabilitation and repair projects have been included in the 2022 CIP to maintain compliance with the EPA's Consent Decree required CMOM Program.

# 2022 Capital Improvement Program

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## Summary

<u>Wastewater</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
Various Sewer Pipe Replacement/Rehabilitations - District-wide	\$ 7,500,000	\$ 8,500,000	\$ 8,500,000	\$ 3,000,000	\$ 3,000,000
Hartford Large Diameter Sewer Rehabilitation Program - Phase 2	9,900,000	-	-	-	-
Easement Sewer Lining Program - Phase 1	6,200,000	-	-	-	-
Hartford Hospital Area WMR (sewer work), Hartford	600,000	-	-	-	-
Farmington 11 / Sisson Ave. Area WMR (sewer work), Hartford	1,100,000	-	-	-	-
Private Property Inflow Disconnect Program	2,100,000	2,300,000	2,500,000	2,500,000	2,500,000
Brookside Rd. Sanitary Pump Station Replacement	3,700,000	-	-	-	-
WPC Infrastructure Rehabilitation, Upgrades & Replacements	-	6,000,000	8,000,000	7,000,000	7,000,000
WW Pump Stations and Equipment	-	1,000,000	-	1,000,000	-
<b>Wastewater Total</b>	<b>\$31,100,000</b>	<b>\$17,800,000</b>	<b>\$19,000,000</b>	<b>\$13,500,000</b>	<b>\$12,500,000</b>

# 2022 Capital Improvement Program

## Summary

<u>Water</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
General Purpose Water	\$ 2,200,000	\$ 2,000,000	\$ 2,000,000	\$ 3,000,000	\$ 3,000,000
Paving Program & Restoration	3,400,000	4,200,000	4,200,000	4,200,000	4,200,000
Farmington 11/Sisson Area WMR (water work), Hartford	10,000,000	-	-	-	-
Boulevard & Garfield Rd WMR (Accelerated Plus), West Hartford	4,000,000	-	-	-	-
Capitol Ave. Area WMR, Hartford	11,500,000	-	-	-	-
Hartford Hospital Area WMR (water work), Hartford	7,100,000	-	-	-	-
Bishop's Corner WMR, West Hartford	3,900,000	-	-	-	-
Water Storage Tank Rehabilitation and Improvement	800,000	-	-	-	-
Advanced Meter Reading Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Water Service Inventory and Mapping	1,750,000	250,000	-	-	-
Raw Water Transmission Main Rehab	250,000	-	-	-	-
Nepaug Dam Concrete Rehab & Stability Improv. Design	250,000	-	-	-	-
WTP Infrastructure Rehab., Upgrades & Replacements	-	1,000,000	1,000,000	1,000,000	1,000,000
Water Pump Station and Equipment	-	1,000,000	-	1,000,000	-
<b>Water Total</b>	<b>\$46,650,000</b>	<b>\$10,450,000</b>	<b>\$ 9,200,000</b>	<b>\$11,200,000</b>	<b>\$ 9,700,000</b>

## 2022 Capital Improvement Program

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### Summary

<u>Combined</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
Facility and Equipment Improvements	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000	\$ -
Fleet and Equip. Repl. and Upgrades	2,550,000	2,000,000	-	2,000,000	-
Inspection Services	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Engineering Services	4,800,000	4,800,000	4,800,000	4,800,000	4,800,000
Construction Services	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Technical Services	5,000,000	4,500,000	4,500,000	4,500,000	4,500,000
<b>Combined Total</b>	<b>\$16,850,000</b>	<b>\$17,800,000</b>	<b>\$13,800,000</b>	<b>\$17,800,000</b>	<b>\$13,800,000</b>



# 2022 Capital Improvement Program

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## Debt Administration Policy

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

1. Capital appropriations not exceeding \$23,020,379 indexed for inflation, excluding those portions of an appropriation payable from Federal or State grants for any single item within the capital section of the budget.
2. Appropriations for any reason involving not more than \$25,000,000 in any one year for the purpose of meeting a public emergency threatening the lives, health or property of citizens of the District.
3. Construction of or leasing headquarters facilities.
4. Any public improvement all or a portion of which is to be paid for by assessments of benefits or from funds established to pay for waste or water facilities.

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

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

# 2022 Capital Improvement Program

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## Appropriation

The Metropolitan District's Capital Improvement Program budget for 2022 totals \$94,600,000 as reflected in the following summary. Wastewater programs total \$31,100,000; water programs total \$46,650,000; and combined programs total \$16,850,000.

### Wastewater

#### **Wastewater Collection**

Various Sewer Pipe Replacement/Rehabilitations	\$	7,500,000
Hartford Large Diam. Sewer Rehabilitation Program - Phase 2		9,900,000
Easement Sewer Lining Program - Phase 1		6,200,000
Hartford Hospital Area WMR (sewer work), Hartford		600,000
Farmington 11 / Sisson Ave. Area WMR (sewer work), Hartford		1,100,000
Private Property Inflow Disconnect Program		2,100,000
Brookside Rd. Sanitary Pump Station Replacement		3,700,000

**Wastewater Total** **\$ 31,100,000**

### Water

#### **Water Supply, Treatment, Transmission and Distribution**

General Purpose Water \$ 2,200,000

#### **Water Distribution**

Paving Program & Restoration		3,400,000
Farmington 11 / Sisson Ave. Area WMR (water work), Hartford		10,000,000
Boulevard & Garfield Rd WMR (Accelerated Plus), West Hartford		4,000,000
Capitol Ave. Area Water Main Replacement, Hartford		11,500,000
Hartford Hospital Area WMR (water work), Hartford		7,100,000
Bishop's Corner Water Main Replacement, West Hartford		3,900,000
Water Storage Tank Rehabilitation and Improvement		800,000
Advanced Meter Reading Program		1,500,000
Water Service Inventory and Mapping		1,750,000
Raw Water Transmission Main Rehabilitation		250,000
Nepaug Dam Concrete Rehab & Stability Improvements Design		250,000

**Water Total** **\$ 46,650,000**

### Combined

#### **Facilities/Staffing**

Fleet and Equipment Replacement and Upgrades	\$	2,550,000
Inspection Services		2,500,000
Engineering Services		4,800,000
Construction Services		2,000,000
Technical Services		5,000,000

**Combined Total** **\$ 16,850,000**

**Total 2022 Appropriations** **\$ 94,600,000**

# 2022 Capital Improvement Program

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## Sewer

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2022 Capital Improvement Program budget. The projects that comprise the wastewater system programs are necessary to enhance, upgrade and rehabilitate the extensive sewer infrastructure throughout the District and to improve the efficiency and effectiveness of facility operations. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

### **Wastewater**

#### ***Wastewater Collection***

Various Sewer Pipe Replacement/Rehabilitations	\$	7,500,000
Hartford Large Diam. Sewer Rehabilitation Program - Phase 2		9,900,000
Easement Sewer Lining Program - Phase 1		6,200,000
Hartford Hospital Area Water Main Replacement, Hartford		600,000
Farmington 11 / Sisson Ave. Area WMR, Hartford		1,100,000
Private Property Inflow Disconnect Program		2,100,000
Brookside Rd. Sanitary Pump Station Replacement		3,700,000
<b>Wastewater Total</b>	<b>\$</b>	<b>31,100,000</b>

# 2022 Capital Improvement Program

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## Sewer

### Program – Various Sewer Pipe Replacement/Rehabilitations

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$7,500,000	C-22010	2110

#### **Description**

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

#### **Purpose**

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

#### **Future Appropriations**

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

#### **Bond Language**

The sum of \$7,500,000 is hereby appropriated for the design and construction of sewer system upgrades, replacements and rehabilitation measures, including inspection costs, engineering and professional fees, materials, the replacement, rehabilitation and upgrade of District equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Sewer

**Program – Hartford Large Diam. Sewer Rehabilitation Program - Phase 2**

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$9,900,000	C-22011	2110

### Description

Rehabilitation of large diameter sewers (combined and separated) within the Hartford Water Pollution Control Facility sewershed, as required to maintain adequate collection system capacities. Sewer rehabilitation based on recommendations from recently completed large diameter sewer inspection programs. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$9,900,000 is hereby appropriated for the rehabilitation of large diameter sewers (combined and separated) within the Hartford Water Pollution Control Facility sewershed as required to maintain adequate collection system capacities, including design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead

# 2022 Capital Improvement Program

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## Sewer

### Program – Easement Sewer Lining Program - Phase 1

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$6,200,000	C-22012	2110

### Description

Rehabilitation of cross country (easement) sewers (combined and separated) located throughout the District. This project will reduce CSO & SSOs in the collection system, via I/I reduction and removal of debris. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$6,200,000 is hereby appropriated for the rehabilitation of cross country (easement) sewers (combined and separated) located throughout the District, including design, construction and inspection costs, debris removal, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Sewer

**Program – Hartford Hospital Area Water Main Replacement Sewer Work**

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$600,000	C-22013	2110

### Description

Sewer rehabilitation surrounding Hartford Hospital to include, but not limited to point repairs on Essex Street and Hudson Street, CIPP lining on Washington Street, Jefferson Street, and Essex Street. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

To upgrade sanitary sewer pipelines and structures within the vicinity of a District water main replacement project.

### Future Appropriations

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

### Bond Language

The sum of \$600,000 is hereby appropriated for (i) sewer rehabilitation work surrounding Hartford Hospital in Hartford, including, but not limited to, point repairs on Essex Street and Hudson Street in Hartford and CIPP lining on Washington Street, Jefferson Street and Essex Street in Hartford and (ii) design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Sewer

**Program – Farmington 11 / Sisson Ave. Area WMR Sewer Work**

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,100,000	C-22014	2110

### Description

Sanitary sewer and lateral rehabilitation along streets including, but not limited to Farmington Ave, Sisson Ave, Sherman St, Lorraine St, Denison St, Frederick St and Owen St and surrounding areas. Design and construction of sewer system repairs, replacements and rehabilitation measures as a result of aging and deteriorating infrastructure. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

To repair, rehabilitate or replace sanitary sewer pipelines and structures within the vicinity of a District water main replacement project.

### Future Appropriations

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

### Bond Language

The sum of \$1,100,000 is hereby appropriated for sanitary sewer and lateral rehabilitation measures along streets in the Farmington Avenue/Sisson Avenue area in Hartford, including, but not limited to, Farmington Avenue, Sisson Avenue, Sherman Street, Lorraine Street, Denison Street, Frederick Street and Owen Street and design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.



# 2022 Capital Improvement Program

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## Sewer

Program – Private Property Inflow Disconnect Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,100,000	C-99V22	2110

### Description

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

### Purpose

To eliminate stormwater from the sanitary sewer system.

### Future Appropriations

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

### Bond Language

The sum of \$2,100,000 is hereby appropriated for (i) the inspection of private property sewer laterals in order to identify defects and/or infiltration sources, (ii) the installation and/or replacement of backwater valves and any work required to remove private inflow sources as needed to protect customers from sewer surcharging and (iii) design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Sewer

### Program – Brookside Rd. Sanitary Pump Station Replacement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,700,000	C-22015	2110

#### **Description**

Design and construction for the replacement of the Brookside Road Sanitary Pump Station, including replacement of existing mechanical, structural, electrical, and controls systems and the installation of an odor control system. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

#### **Purpose**

To replace the pump station that has deteriorated beyond repair or rehabilitation.

#### **Future Appropriations**

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

#### **Bond Language**

The sum of \$3,700,000 is hereby appropriated for design and construction costs for the replacement of the Brookside Road Sanitary Pump Station, including replacement of existing mechanical, structural, electrical and controls systems and the installation of an odor control system and (ii) inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2022 Capital Improvement Program budget. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

### Water

#### ***Water Supply, Treatment, Transmission and Distribution***

General Purpose Water	\$	2,200,000
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#### ***Water Distribution***

Paving Program & Restoration		3,400,000
Farmington 11 / Sisson Ave. Area Water Main Replacement, Hartford		10,000,000
Boulevard & Garfield Rd WMR (Accelerated Plus), West Hartford		4,000,000
Capitol Ave. Area Water Main Replacement, Hartford		11,500,000
Hartford Hospital Area Water Main Replacement, Hartford		7,100,000
Bishop's Corner Water Main Replacement, West Hartford		3,900,000
Water Storage Tank Rehabilitation and Improvement		800,000
Advanced Meter Reading Program		1,500,000
Water Service Inventory and Mapping		1,750,000
Raw Water Transmission Main Rehab		250,000
Nepaug Dam Concrete Rehab & Stability Improvements Design		250,000

<b>Water Total</b>	<b>\$</b>	<b>46,650,000</b>
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The projects that comprise the water system programs are necessary to extend, upgrade and maintain the extensive water infrastructure throughout the District and to enhance the efficiency and effectiveness of facility operations.

# 2022 Capital Improvement Program

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## Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,200,000	C-22000	2120

### Description

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

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$2,200,000 is hereby appropriated for the planning, design and construction of the replacement and/or rehabilitation of aging water mains and related system-wide equipment/infrastructure improvements, including electrical, mechanical or renewable energy upgrades at District facilities, water modeling, master planning and the integration of SCADA and data collection/evaluation systems, design, construction and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Paving Program and Restoration

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,400,000	C-99P22	2120

### Description

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

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$3,400,000 is hereby appropriated for final pavement restoration of roads, sidewalks, driveways, parking lots and other areas disturbed by work performed on District water infrastructure projects, including design, construction and inspection costs, engineering and professional fees, materials, costs related to the disposal of unsuitable materials and the usage of material from stock, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

**Program – Farmington 11 / Sisson Ave. Area Water Main Replacement Water Work**

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$10,000,000	C-22001	2120

### Description

Construction, construction management, inspection and associated work for the replacement of existing water mains and service reconnections along streets including, but not limited to Farmington Ave, Sisson Ave, Sherman St, Lorraine St, Denison St, Frederick St and Owen St, and surrounding areas in Hartford. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

To replace aging water mains with multiple break history.

### Future Appropriations

No additional appropriation requests are anticipated next year.

### Bond Language

The sum of \$10,000,000 is hereby appropriated for construction, construction management and inspection costs for the replacement of existing water mains and service reconnections in the Farmington Avenue/Sisson Avenue area in Hartford including, but not limited to, Farmington Avenue, Sisson Avenue, Sherman Street, Lorraine Street, Denison Street, Frederick Street and Owen Street and design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

Program – Boulevard & Garfield Rd WMR (Accelerated Plus)

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000	C-22002	2120

### Description

Construction, construction management, inspection and associated work for the replacement of existing water mains along streets including, but not limited to Boulevard and Garfield Road, and surrounding areas in West Hartford. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

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

### Future Appropriations

No additional appropriation requests are anticipated next year.

### Bond Language

The sum of \$4,000,000 is hereby appropriated for construction, construction management and inspection costs for the replacement of existing water mains in the Boulevard and Garfield Road area in West Hartford, including design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Capitol Ave. Area Water Main Replacement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$11,500,000	C-22003	2120

#### **Description**

Construction, construction management, inspection and associated work for the replacement of approximately 10,000 LF existing water mains along streets including, but not limited to Capitol Ave, Beacon St, Natalie St, Rowe Ave, James St, Dorothy St, Ashton St and Heath St, and surrounding areas in Hartford. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

#### **Purpose**

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

#### **Future Appropriations**

No additional appropriation requests are anticipated next year.

#### **Bond Language**

The sum of \$11,500,000 is hereby appropriated for construction, construction management and inspection costs for the replacement of approximately 10,000 LF of existing water mains in the Capitol Avenue area in Hartford, including, but not limited to, Capitol Avenue, Beacon Street, Natalie Street, Rowe Avenue, James Street, Dorothy Street, Ashton Street and Heath Street, including design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.



# 2022 Capital Improvement Program

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## Water

**Program** – Hartford Hospital Area Water Main Replacement Water Work

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$7,100,000	C-22004	2120

### Description

Construction, construction management, inspection, and associated work for the replacement of existing water mains and service reconnections along streets surrounding Hartford Hospital including, but not limited to Washington Street, Jefferson Street, Seymour Street, Retreat Avenue, Essex Street and surrounding areas in Hartford. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

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

### Future Appropriations

No additional appropriation requests are anticipated next year.

### Bond Language

The sum of \$7,100,000 is hereby appropriated for construction, construction management and inspection costs for the replacement of existing water mains and service reconnections along streets surrounding Hartford Hospital in Hartford including, but not limited to, Washington Street, Jefferson Street, Seymour Street, Retreat Avenue and Essex Streets, including design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Bishop's Corner Water Main Replacement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,900,000	C-22005	2120

### Description

Construction, construction management, inspection and associated work for the replacement of existing water mains and service reconnections in surrounding areas of Bishop's Corner in West Hartford District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

To replace aging and undersized water mains with multiple break history

### Future Appropriations

No additional appropriation requests are anticipated next year.

### Bond Language

The sum of \$3,900,000 is hereby appropriated for construction, construction management and inspection costs for the replacement of existing water mains and service reconnections in surrounding areas of Bishop's Corner in West Hartford, including design costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Water Storage Tank Rehabilitation and Improvement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$800,000	C-22006	2120

#### **Description**

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

#### **Purpose**

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

#### **Future Appropriations**

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

#### **Bond Language**

The sum of \$800,000 is hereby appropriated to extend the lifespan, improve the condition and enhance the water quality, security, efficiency and safety of the District's water storage tanks and basins, including design, construction and inspection costs, painting and rehabilitation costs, site safety improvements and upgrades, site utility improvements to the Day Hill Water Storage Tank in Windsor and Day Hill Pressure Reducing Valves, engineering and professional fees, electrical, mechanical and structural upgrades, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Advanced Meter Reading Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,500,000	C-99M22	2120

### **Description**

The program standardizes and replaces water meters and meter reading devices District-wide. District and outside forces may be utilized for this program. District costs may include materials, equipment, salary, benefits and overhead.

### **Purpose**

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

### **Future Appropriations**

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

### **Bond Language**

The sum of \$1,500,000 is hereby appropriated to standardize and replace water meters and meter reading devices in the District, including construction, and inspection costs, engineering and professional fees, materials, equipment, meters, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Water Service Inventory and Mapping

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,750,000	C-22007	2120

### Description

Create an electronic inventory of water service diameter, material, installation year, and other information and organize it by property. Information will be electronically mapped to records District-wide. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

To map service lines in an electronic format as well as linking service card to the property address for easier identification in the future. Identification and investigation of any unknown water service materials of any material and size, including customer outreach and inspection.

### Future Appropriations

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

### Bond Language

The sum of \$1,750,000 is hereby appropriated to create an electronic inventory of water service diameter, material, installation year and other information and organize it by property, including design and inspection costs, engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

### Program – Raw Water Transmission Main Rehab

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$250,000	C-22008	2120

### **Description**

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

### **Purpose**

To improve the reliability and extend the asset life of various raw water pipeline and transmission main infrastructure

### **Future Appropriations**

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

### **Bond Language**

The sum of \$250,000 is hereby for the design and construction of improvements to the raw water supply pipelines and related appurtenances such as blow-offs and access manholes, including engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Water

**Program – Nepaug Dam Concrete Rehab & Stability Improvements Design**

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$250,000	C-22009	2120

### **Description**

Design services for concrete rehabilitation and possible stabilization of the Nepaug Dam, pending the results of a 3D Stability Analysis District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### **Purpose**

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

### **Future Appropriations**

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

### **Bond Language**

The sum of \$250,000 is hereby for design services for concrete rehabilitation and possible stabilization of the Nepaug Dam, including engineering and professional fees, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

# 2022 Capital Improvement Program

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## Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2022 Capital Improvement Program budget. These capital programs and projects provide for needed fleet and equipment replacement and upgrades, facility improvements and staffing. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

### Combined

#### ***Facilities/Staffing***

Fleet and Equipment Replacement and Upgrades	\$	2,550,000
Inspection Services		2,500,000
Engineering Services		4,800,000
Construction Services		2,000,000
Technical Services		5,000,000
<b>Combined Total</b>	<b>\$</b>	<b>16,850,000</b>



# 2022 Capital Improvement Program

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## Combined

The following positions are included in the combined capital program:

### Authorized Positions

<u>Title</u>	<u>Number</u>
Construction Manager	8
Construction Services Supervisor	4
Design Manager	1
Durational Project Engineer	1
Engineering Technician 2	3
Engineering Technician 3	1
Manager of Construction & Inspection Services	1
Manager of Technical Services	1
Principal Constr. Engineer-Tech 1	1
Project Engineer 1	2
Project Engineer 2	6
Project Managers	7
Senior Clerk	2
Senior Engineer Technician	1
Real Estate Administrator	1
Senior Project Manager	5
Survey Chief of Party	<u>2</u>
<b>Total</b>	<b>47</b>

# 2022 Capital Improvement Program

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## Combined

### Program – Fleet and Equipment Replacement and Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,550,000	C-99F22	2130

### Description

This program consists of replacement and/or upgrades to the District's transportation and power-operated equipment fleet and related/associated components. This project will replace approximately 16 vehicles including pick-up trucks, dump trucks, and utility vans and 10 generators both fixed and mounted as part of the Fleet Modernization Plan. District and outside forces may be utilized for this program. The District costs may include salary, benefits and overhead.

### Purpose

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

### Future Appropriations

Additional appropriation requests are anticipated over the next four years.

### Bond Language

The sum of \$2,550,000 is hereby appropriated for the replacement of and/or upgrades to the District's transportation and power operated equipment fleet and related/associated components, including trucks, utility vans, generators, materials, equipment, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead

# 2022 Capital Improvement Program

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## Combined

### Program – Inspection Services

<b><u>Amount</u></b> \$2,500,000	<b><u>Funds Center</u></b> C1H02	<b><u>Fund</u></b> 2130
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### Description

Staffing costs

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$2,500,000 is hereby appropriated for the construction inspection of all water and sewer projects within the District's service area, including projects installed under District contract and developer permit agreements, including engineering and professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

### Authorized Positions

<b><u>Title</u></b>	<b><u>Number</u></b>
Senior Clerk	1
Engineering Technician 3	1
Senior Engineer Technician	1
Construction Services Supervisor	4
Principal Constr. Engineer-Tech 1	<u>1</u>
<b>Total</b>	<b>8</b>

# 2022 Capital Improvement Program

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## Combined

### Program - Engineering Services

<u>Amount</u>	<u>Funds Center</u>	<u>Fund</u>
\$4,800,000	C1H03	2130

### Description

Staffing costs

### Purpose

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

### Future Appropriations

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

### Bond Language

The sum of \$4,800,000 is hereby appropriated for engineering services for the development and design of the District's capital improvement projects, including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants, including professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

### Authorized Positions

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

# 2022 Capital Improvement Program

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## Combined

### Program - Construction Services

Amount  
\$2,000,000

Funds Center  
C1H04

Fund  
2130

### Description

Staffing costs

### Purpose

The Construction Services department holds responsibility for the management of all of the District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewer treatment plants.

### Future Appropriations

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

### Bond Language

The sum of \$2,000,000 is hereby appropriated for construction services for the management of the District's capital improvement projects, including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants, including engineering and professional fees, legal fees, financing costs, interest expense on temporary borrowings, and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

### Authorized Positions

<u>Title</u>	<u>Number</u>
Mgr. of Construction & Inspection Srvs	1
Construction Manager	3
Project Engineer 2	<u>1</u>
<b>Total</b>	<b>5</b>

# 2022 Capital Improvement Program

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## Combined

### Program - Technical Services

Amount  
\$5,000,000

Funds Center  
C1H05

Fund  
2130

### Description

Staffing costs

### Purpose

The Technical Services department holds responsibility for providing technical support to all of the District's capital improvement projects and Clean Water Project including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants.

### Future Appropriations

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

### Bond Language

The sum of \$5,000,000 is hereby appropriated for technical services to provide technical support for the District's capital improvement projects and clean water projects, including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants, including professional fees, legal fees, financing costs, interest expense on temporary borrowings and other costs related to the projects. District resources may be utilized for the projects. The District costs may include salary, benefits and overhead.

### Authorized Positions

<u>Title</u>	<u>Number</u>
Manager of Technical Services	1
Durational Project Engineer	1
Construction Manager	1
Project Engineer 2	1
Project Engineer 1	1
Project Manager	4
Senior Clerk	1
Senior Project Manager	3
Engineering Tech 2	3
Survey Chief of Party	2
Real Estate Administrator	1
<b>Total</b>	<b>19</b>

# 2022 Capital Improvement Program

## Referendum 1

### Program – Clean Water Project – Referendum 1

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

### Description

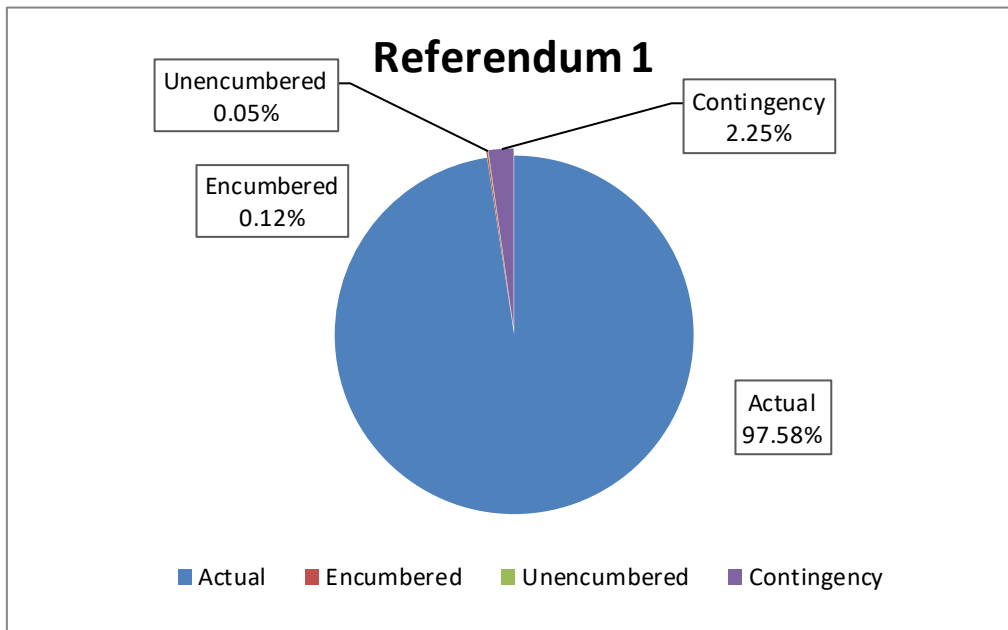
The 2006 Clean Water Project Referendum Fund accounts for financial resources to be used for the first phase of the Clean Water Project, which was authorized on November 6, 2006.

### Purpose

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

### Referendum 1

Actual	\$ 780,612,683.20
Encumbered	990,869.22
Unencumbered	384,922.01
Contingency	18,011,525.57
	<u><u>\$ 800,000,000.00</u></u>



# 2022 Capital Improvement Program

## Referendum 1

### Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
C-12011	CW1.SSOWHA.07 2012 WH SSES	1,537,500.00	977,569.14	436,028.36	123,902.50
C-15004	CW1.CONSBR.03 - 2015 Kane Brook Dsn	1,800,000.00	1,136,426.72	421,425.82	242,147.46
C-15037	CW1.TUNSTH.00 2015 South CSO Convey Tunnel	38,715,110.03	38,562,822.94	133,415.04	18,872.05
		<b>\$ 42,052,610.03</b>	<b>\$ 40,676,818.80</b>	<b>\$ 990,869.22</b>	<b>\$ 384,922.01</b>
CW1.000000. Referendum 1 Contingency		18,011,525.57			
Completed Projects		739,935,864.40			
Referendum 1		<b>\$ 800,000,000.00</b>			

### Completed Projects

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



# 2022 Capital Improvement Program

## Referendum 1

CW1.SSONWT.02	CLSD-2012 Newinton	6,080,408.08	6,080,408.08	-	-
CW1.SSONWT.06	CLSD-2012 Ntn Church	4,226,592.60	4,226,592.60	-	-
CW1.SSOWHA.01	CLSD-2012 WHartford	1,577,096.29	1,577,096.29	-	-
CW1.SSOWHA.02	CLSD-2012 SSO Pilot	2,047,087.39	2,047,087.39	-	-
CW1.SSOWHA.04	CLSD-2012 Four Mile	2,689,904.58	2,689,904.58	-	-
CW1.SSOWHA.06	CLSD-2014 Greenhurst	131,925.19	131,925.19	-	-
CW1.SSOWND.01	CLSD-2012 SSO-Wdsr	2,669,498.47	2,669,498.47	-	-
CW1.SSOWND.03	2015 NM-1 Gate Struc	224,714.01	224,714.01	-	-
CW1.SSOWTH.01	CLSD-2011 SSO-Wtflld	4,204,575.71	4,204,575.71	-	-
CW1.SSOWTH.02	2012 RH/Weth. SSES	8,118,002.04	8,118,002.04	-	-
CW1.SSOWTH.03	CLSD-2012 SSO Pilot	2,286,152.78	2,286,152.78	-	-
CW1.SSOWTH.07	CLSD-2012 SSO Exe Sq	125,813.20	125,813.20	-	-
CW1.SSOWTH.08	CLSD- 12 FOLLY BROOK	1,282,440.20	1,282,440.20	-	-
CW1.SSOWTH.10	2014 SSES Rocky Hill	9,469,907.54	9,469,907.54	-	-
CW1.SSSFRA.01	CLSD-Franklin #1- B	1,496,150.82	1,496,150.82	-	-
CW1.SSSFRA.02	CLSD-FranklinAve #7	75,512.19	75,512.19	-	-
CW1.SSSFRA.04	CLSD-Frankln #4 - D	2,134,263.04	2,134,263.04	-	-
CW1.SSSFRA.11	CLSD-Franklin11-Pk A	319,978.07	319,978.07	-	-
CW1.SSSFRA.12	CLSD-Franklin #12 - D	1,556,006.57	1,556,006.57	-	-
CW1.SSSFRA.13	Franklin Proj #13-B	39,696,418.85	39,696,418.85	-	-
CW1.SSSFRA.15	Airport Rd PS F.M.	5,044,260.37	5,044,260.37	-	-
CW1.SSSFRA.16	CLSD- Building Dis 1	543,137.15	543,137.15	-	-
CW1.SSSFRA.17	CLSD-Building Dis 2	400,481.70	400,481.70	-	-
CW1.SSSFRA.18	CLSD-Building Dis 3	316,932.80	316,932.80	-	-
CW1.SSSFRA.1A	CLSD-Franklin Ave- D	804,840.39	804,840.39	-	-
CW1.SSSFRA.4D	Franklin Proj #5-D	31,622,890.67	31,622,890.67	-	-
CW1.SSSFRA.PD	CLSD-Franklin Ave PD	2,032,185.44	2,032,185.44	-	-
CW1.SSSPAR.01	CLSD-Park River #1	580,483.36	580,483.36	-	-
CW1.SSSPAR.03	CLSD-Park River #3	904,041.42	904,041.42	-	-
CW1.SSSPAR.06	CLSD-Green Capital	983,689.36	983,689.36	-	-
CW1.SSSPAR.07	CLSD-Retreat Avenue	9,331,401.93	9,331,401.93	-	-
CW1.SSSPAR.PD	CLSD-Park River Sep	683,914.79	683,914.79	-	-
CW1.WTFHAR.01	CLSD-HWPCF Master	9,736,407.51	9,736,407.51	-	-
CW1.WTFHAR.08	CLSD-Incin #3 Rehab	43,055,158.32	43,055,158.32	-	-
CW1.WTFHAR.10	CLSD-HWPCF SCADA	854,591.82	854,591.82	-	-
CW1.WTFHAR.11	CLSD-UV Disinfection	19,105,159.61	19,105,159.61	-	-
CW1.WTFHAR.12	CLSD-Compost Bldg	1,112,844.65	1,112,844.65	-	-
CW1.WTFHAR.13	CLSD-Aeration Settle	39,458,279.26	39,458,279.26	-	-
CW1.WTFHAR.14	ASH HAND & MERCURY	14,117,939.49	14,117,939.49	-	-
CW1.WTFHAR.16	CLSD-BNR Phase II	35,419,750.97	35,419,750.97	-	-
CW1.WTFHAR.17	CLSD-2011 Solids Hlg	779,406.04	779,406.04	-	-
CW1.WTFHAR.E1	Clsd07 CWP HWPCF PHI	5,200,006.71	5,200,006.71	-	-
CW1.WTFRKH.03	CLSD-Rocky Hill	261,359.38	261,359.38	-	-
CW1.NSSTOW.02	2010 Tower Ave South	10,000.00	10,000.00	-	-
CW1.SSONWT.07	2012 Cedar Newington	3,937,769.30	3,937,769.30	-	-
CW1.SSORKH.07	2012 RH Interceptor	32,862,055.42	32,862,055.42	-	-
CW1.SSOGEN.13	2013 SSO Elimination	1,604,178.02	1,604,178.02	-	-
CW1.SSSPAR.11	2013 Green Infrastructure	605,082.99	605,082.99	-	-
CW1.WTFHAR.20	2013 WWEP #2012-20	90,168,900.86	90,168,900.86	-	-
CW1.WTFHAR.18	2011 Wet Weather Expenses	31,494,239.87	31,494,239.87	-	-
		\$ 739,935,864.40	\$ 739,935,864.40	\$ -	\$ -

# 2022 Capital Improvement Program

## Referendum 2

### Program – Clean Water Project – Referendum 2

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$958,800,000	CW2.000000.00	2400

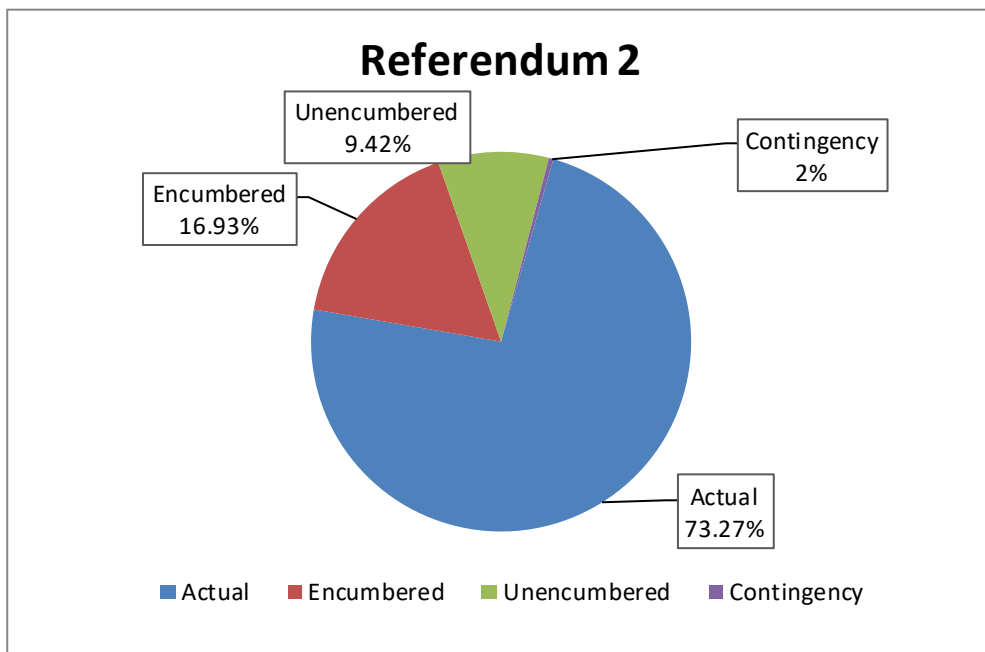
### Description

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

### Purpose

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

Referendum 2	
Actual	\$ 702,517,592.80
Encumbered	162,286,671.78
Unencumbered	90,281,889.00
Contingency	3,713,846.42
	<u>\$ 958,800,000.00</u>



# 2022 Capital Improvement Program

## Referendum 2

### Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
C-14000	CW2.WTFHAR.21 2014 WWP #2012-21	182,380,980.00	181,897,496.02	12,958.95	470,525.03
C-15027	CW2.CONFAR.02 2015 NNBI Rel./Oxfor	2,500,000.00	1,834,890.51	365,356.51	299,752.98
C-15033	CW2.TUNSTH.04 2015 SHCST	62,460,000.00	50,000.00	-	62,410,000.00
C-15034	CW2.TUNSTH.05 2015 SHCST	47,529,124.73	26,489,497.04	16,349,355.78	4,690,271.91
C-15035	CW2.TUNSTH.02 2015 SHCST Construction	336,495,845.00	287,470,574.12	35,860,601.72	13,164,669.16
C-15036	CW2.TUNSTH.03 2015 SHCST Pump Station	110,820,000.00	36,849.19	107,620,000.00	3,163,150.81
C-16012	CW2.NSSGRA.04 2016 Bloomfield SSES	1,200,000.00	892,702.18	31,848.59	275,449.23
C-4A02	PMC 2021	4,388,168.04	3,457,248.27	930,919.77	-
C-4A02	PMC 2020	4,657,666.82	3,567,036.36	1,090,630.46	-
C-4A02	PMC 2019	1,229,323.60	1,229,323.60	-	-
C-4A02	PMU Overhead 2020	8,291,000.00	8,291,000.00	-	-
C-4A02	PMU Overhead 2021	6,291,000.00	6,291,000.00	-	-
C-4A02	Clean Water Fund 2012 II	7,113,481.77	1,280,411.89	25,000.00	5,808,069.88
		<b>\$ 775,356,589.96</b>	<b>\$ 522,788,029.18</b>	<b>\$ 162,286,671.78</b>	<b>\$ 90,281,889.00</b>
CW2.000000.00	Referendum 2 Contingency	\$ 3,713,846.42			
	Completed Projects	179,729,563.62			
	Referendum 2	<b>\$ 958,800,000.00</b>			

### Completed Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW2.MGMCWP.13	2013 CWP Admin	\$ 505,030.18	\$ 505,030.18	\$ -	\$ -
CW2.MGMCWP.14	2014 CWP Admin.	10,955,011.23	10,955,011.23	-	-
CW2.MGMCWP.16	2016 CWP Admin	10,471,683.85	10,471,683.85	-	-
CW2.MGMCWP.17	2017 CWP Admin	9,441,000.00	9,441,000.00	-	-
CW2.MGMPMC.16	2016 CWP PMC/CD	3,830,829.76	3,830,829.76	-	-
	2018 cwp admin	9,299,931.25	9,299,931.25	-	-
	2019 cwp admin	8,291,000.00	8,291,000.00	-	-
	2017 cwp pmc/cdm	6,260,164.75	6,260,164.75	-	-
	2018 cwp pmc/cdm	3,974,506.30	3,974,506.30	-	-
	2019 cwp pmc/cdm	2,674,507.63	2,674,507.63	-	-
CW2.SSSPAR.10	2014 PRICRIGrit	40,684.88	40,684.88	-	-
CW2.WTFHAR.24	2013 231 BRNRD	10,421,490.76	10,421,490.76	-	-
CW2.MGMPMC.13	2013 CWP PMC	7,895,855.33	7,895,855.33	-	-
CW2.CSOGEN.16	2016 LTCP Flow Metering	1,531,681.76	1,531,681.76	-	-
CW2.MGMCWP.15	2015 CWP Admin	11,269,060.17	11,269,060.17	-	-
CW2.MGMPMC.14	2014 CWP PMC / CDM SMITH	6,914,745.94	6,914,745.94	-	-
CW2.NSSUAL.09	2014 Gully Brook Conduit Connections	425,239.63	425,239.63	-	-
CW2.SSOWHA.06	2015 Greenhurst Rd Area Sanitary Swr Imp	5,285,027.58	5,285,027.58	-	-
CW2.TUNSTH.01	2015 SHCST Utility Relocation	2,606,344.15	2,606,344.15	-	-
CW2.WTFRKH.04	2013 RHPCF Cap & Up	57,616,907.66	57,616,907.66	-	-
CW2.CSOGEN.17	2015 Large Diameter Clean	5,146,489.08	5,146,489.08	-	-
CW2.SSOGEN.16	2015 CMOM Plan Updates	85,515.92	85,515.92	-	-
CW2.WTFHAR.25	2016 Ash Lagoon Cl.	123,883.27	123,883.27	-	-
CW2.WTFRKH.05	2016 RHWPCF Outfall	3,869,454.64	3,869,454.64	-	-
CW2.CSOGRA.05	2017 North Branch PR	709,818.89	709,818.89	-	-
CW2.SSSPAR.13	2016 BARTHOLOMEW AVENUE	83,699.01	83,699.01	-	-
		<b>\$ 179,729,563.62</b>	<b>\$ 179,729,563.62</b>	<b>\$ -</b>	<b>\$ -</b>

# 2022 Capital Improvement Program

## Supplemental

### DISTRICT BOARD CLOSEOUT OF CAPITAL IMPROVEMENT PROJECTS

To: District Board June 7, 2021

From: Board of Finance

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

### WATER CAPITAL IMPROVEMENT PROJECTS

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance (UnAuthorize)
C-10003/WAT.CW1246.01	2010	2120	WM Replacement Htfd	Hartford	\$ 1,000,000.00	\$ 549,742.16	\$ 450,257.84
	<b>2010 Total</b>				<b>1,000,000.00</b>	<b>549,742.16</b>	<b>450,257.84</b>
C-11000/WAT.CW1308.01	2011	2120	Water Supply & Watershed Land Imp	Various	1,600,000.00	1,563,239.47	36,760.53
C-11001/WAT.CW1309.01	2011	2120	Water Pump Station Improvements	Various	1,200,000.00	870,896.86	329,103.14
	<b>2011 Total</b>				<b>2,800,000.00</b>	<b>2,434,136.33</b>	<b>365,863.67</b>
C-99M13/WAT.CW1358.01	2013	2120	Meter Replacement	Various	5,000,000.00	3,277,388.61	1,722,611.39
	<b>2013 Total</b>				<b>5,000,000.00</b>	<b>3,277,388.61</b>	<b>1,722,611.39</b>
C-14001/WDS.DM0014.01	2014	2120	General Purpose Water	Various	3,500,000.00	3,282,924.15	217,075.85
C-14004/WDS.TM0014.01	2014	2120	Various Transmission Main	Various	2,100,000.00	969,808.41	1,130,191.59
C-14006/WDS.TM0414.01	2014	2120	Transmission Main Ext Newington	Newington	3,500,000.00	1,461,372.68	2,038,627.32
	<b>2014 Total</b>				<b>9,100,000.00</b>	<b>5,714,105.24</b>	<b>3,385,894.76</b>
C-15000/WDS.BL0015.01	2015	2120	WHWTF Water Storage Improvements	West Hartford	2,900,000.00	2,662,336.47	237,663.53
C-15002/WDS.TM0015.01	2015	2120	Various Transmission Main	Various	2,000,000.00	1,241,236.07	758,763.93
C-15005/WDS.TM0215.01	2015	2120	Garden St Area WMR	Wethersfield	3,000,000.00	2,166,823.80	833,176.20
C-15008/WDS.PS1815.01	2015	2120	Puddletown Booster WPS	New Hartford	3,300,000.00	515,481.90	2,784,518.10
C-15018/WSH.RW0015.01	2015	2120	Raw Water Pipeline Improvements Ph 2	Various	5,000,000.00	-	5,000,000.00
C-15019/WTF.BN01515.01	2015	2120	Reservoir #6 Basin Improvements	Bloomfield	1,000,000.00	-	1,000,000.00
C-99M15/WDS.MT0015.01	2015	2120	RFA Meter Reading Program	Various	4,500,000.00	1,972,788.01	2,527,211.99
	<b>2015 Total</b>				<b>21,700,000.00</b>	<b>8,558,666.25</b>	<b>13,141,333.75</b>
C-16001/WDS.DM0716.01	2016	2120	Simmons Rd Area WM	East Hartford	3,800,000.00	1,942,228.14	1,857,771.86
	<b>2016 Total</b>				<b>3,800,000.00</b>	<b>1,942,228.14</b>	<b>1,857,771.86</b>
C-17001/WDS.DM0117.01	2017	2120	Bond St Area WM Replacement	Hartford	5,100,000.00	3,728.04	5,096,271.96
C-17009/WTF.BN0517.01	2017	2120	Reservoir #6 Filtered Basin Rehabilitation	Bloomfield	6,500,000.00	-	6,500,000.00
C-17011/WTF.TP1017.01	2017	2120	WHWTF Pipe and Valve Replacement	W. Hartford	1,500,000.00	-	1,500,000.00
C-99H17/WDS.EQ0017.01	2017	2120	Hydrant Replacement Program	Various	1,600,000.00	236,933.18	1,363,066.82
C-99M17/WDS.MT0017.01	2017	2120	Meter Replacement	Various	1,500,000.00	509,633.56	990,366.44
C-99P17/WDS.DM0017.02	2017	2120	Paving Program	Various	3,500,000.00	2,904,203.38	595,796.62
	<b>2017 Total</b>				<b>19,700,000.00</b>	<b>3,654,498.16</b>	<b>16,045,501.84</b>
C-99M18/WDS.MT0018.01	2018	2120	Meter Replacement	Various	1,000,000.00	601,973.46	398,026.54
	<b>2018 Total</b>				<b>1,000,000.00</b>	<b>601,973.46</b>	<b>398,026.54</b>
	<b>Grand Total</b>				<b>\$ 64,100,000.00</b>	<b>\$ 26,732,738.35</b>	<b>\$ 37,367,261.65</b>

# 2022 Capital Improvement Program

## Supplemental

### SEWER CAPITAL IMPROVEMENT PROJECTS

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance (UnAuthorize)
C-07000/WWA.CS1140.01	2007	2110	WPCF Security & Communications	MDC	\$ 3,200,000.00	\$ 2,587,466.24	\$ 612,533.76
	<b>2007 Total</b>				<b>3,200,000.00</b>	<b>2,587,466.24</b>	<b>612,533.76</b>
C-08000/WWA.CS1128.01	2008	2110	WPC Infrastructure R&I	MDC	2,000,000.00	1,868,664.71	131,335.29
	<b>2008 Total</b>				<b>2,000,000.00</b>	<b>1,868,664.71</b>	<b>131,335.29</b>
C-09002/WWA.CS1134.01	2009	2110	WPC Infrastructure R&I	MDC	4,455,000.00	4,341,413.96	113,586.04
	<b>2009 Total</b>				<b>4,455,000.00</b>	<b>4,341,413.96</b>	<b>113,586.04</b>
C-10005/WWA.CS1154.01	2010	2110	Dividend Brook Area	Rocky Hill	4,800,000.00	423,071.84	4,376,928.16
	<b>2010 Total</b>				<b>4,800,000.00</b>	<b>423,071.84</b>	<b>4,376,928.16</b>
C-13006/WWA.CS1206.01	2013	2110	Meadow St Sewer Pump Station	Newington	620,000.00	519,687.51	100,312.49
C-13007/WWA.CS1211.01	2013	2110	Oakwood Ave Sewer	West Hartford	4,560,000.00	1,978,884.07	2,581,115.93
C-20016/WWA.CS1214.01	2013	2110	2013-General Purpose Sewer	Hartford	61,866.57	61,866.57	-
	<b>2013 Total</b>				<b>5,241,866.57</b>	<b>2,560,438.15</b>	<b>2,681,428.42</b>
C-14014/SCS.SR0014.03	2014	2110	Sewer Rehabilitation Program	Various	5,000,000.00	3,512,918.30	1,487,081.70
C-14017/SCS.SR0114.02	2014	2110	Madison Ave Sewer Rehab	Hartford	1,000,000.00	236,663.51	763,336.49
	<b>2014 Total</b>				<b>6,000,000.00</b>	<b>3,749,581.81</b>	<b>2,250,418.19</b>
C-15015/WPC.FA0115.04	2015	2110	HWPCF SPB Electrical Upgrade	Hartford	4,600,000.00	4,522,724.51	77,275.49
C-15023/SCS.SR0015.03	2015	2110	Folly Brook Sewershed	Various	5,000,000.00	1,463.81	4,998,536.19
C-15026/SCS.SR0015.07	2015	2110	Various Sewer Pipe R&R	Various	5,000,000.00	4,913,542.56	86,457.44
C-99P15/SCS.SR0015.08	2015	2110	Paving Program	Various	2,500,000.00	2,135,258.16	364,741.84
	<b>2015 Total</b>				<b>17,100,000.00</b>	<b>11,572,989.04</b>	<b>5,527,010.96</b>
C-16006/SCS.SR0016.02	2016	2110	Various Sewer Pipe R&R	Various	1,000,000.00	755,069.13	244,930.87
	<b>2016 Total</b>				<b>1,000,000.00</b>	<b>755,069.13</b>	<b>244,930.87</b>
C-17013/SCS.SR0017.02	2017	2110	Dividend Brook Dam Area	Rocky Hill	5,600,000.00	-	5,600,000.00
C-17017/SCS.SR0017.07	2017	2110	Various Sewer Segment R&R	Various	2,000,000.00	1,824,855.57	175,144.43
C-17018/SCS.SR0117.01	2017	2110	Bond St Area Sewer	Hartford	400,000.00	-	400,000.00
C-99P17/SCS.SR0017.04	2017	2110	Paving Program	Various	1,500,000.00	750,800.76	749,199.24
	<b>2017 Total</b>				<b>9,500,000.00</b>	<b>2,575,656.33</b>	<b>6,924,343.67</b>
C-18012/SCS.SR0018.05	2018	2110	Various Sewer Pipe R&R	Various	4,000,000.00	3,901,409.49	98,590.51
	<b>2018 Total</b>				<b>4,000,000.00</b>	<b>3,901,409.49</b>	<b>98,590.51</b>
	<b>Grand Total</b>				<b>\$ 57,296,866.57</b>	<b>\$ 34,335,760.70</b>	<b>\$ 22,961,105.87</b>

### COMBINED CAPITAL IMPROVEMENT PROJECTS

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance (UnAuthorize)
C-13017/COM.CFP179.01	2013	2113	Land Improvements	MDC	\$ 1,000,000.00	\$ 604,478.53	\$ 395,521.47
	<b>2013 Total</b>				<b>1,000,000.00</b>	<b>604,478.53</b>	<b>395,521.47</b>
C-15030/COM.EQ0015.01	2015	2113	IT Finance Modules	MDC	5,000,000.00	5,000,000.00	-
C-15031/COM.EQ0015.02	2015	2113	IT Operational Modules	MDC	5,000,000.00	4,999,193.58	806.42
C-15032/COM.EQ0015.03	2015	2113	IT- BT SAP Upgrade	MDC	5,000,000.00	4,955,455.32	44,544.68
C-99F15/COM.VE0015.01	2015	2113	Fleet Replacement	MDC	2,100,000.00	2,080,910.13	19,089.87
	<b>2015 Total</b>				<b>17,100,000.00</b>	<b>17,035,559.03</b>	<b>64,440.97</b>
C-16009/COM.TK0016.01	2016	2113	UST Removal	MDC	800,000.00	640,577.85	159,422.15
	<b>2016 Total</b>				<b>800,000.00</b>	<b>640,577.85</b>	<b>159,422.15</b>
C-99F18/COM.VE0018.01	2018	2113	Fleet Replacement	MDC	800,000.00	788,819.40	11,180.60
	<b>2018 Total</b>				<b>800,000.00</b>	<b>788,819.40</b>	<b>11,180.60</b>
COM.OT0019.01	2019	2113	Construction Services	MDC	3,500,000.00	2,149,159.50	1,350,840.50
COM.OT0019.02	2019	2113	Engineering Services	MDC	2,500,000.00	2,297,449.95	202,550.05
COM.OT0019.03	2019	2113	Survey & Construction	MDC	5,000,000.00	4,183,802.92	816,197.08
COM.OT0019.04	2019	2113	Technical Services	MDC	3,400,000.00	3,353,371.46	46,628.54
	<b>2019 Total</b>				<b>14,400,000.00</b>	<b>11,983,783.83</b>	<b>2,416,216.17</b>
	<b>Grand Total</b>				<b>\$ 34,100,000.00</b>	<b>\$ 31,053,218.64</b>	<b>\$ 3,046,781.36</b>

# 2022 Capital Improvement Program

## Supplemental

### CLOSEOUT OF ASSESSABLE SEWER PROJECT

Proj. Definition	Year	BA	Project Description	Town	Budget	Expended Amount	Remaining Balance (UnAuthorize)
C-10006/WWA.CSA446.20	2010	2130	Back Lane	Newington	\$ 256,000.00	\$ 14,127.34	\$ 241,872.66
Grand Total					\$ 256,000.00	\$ 14,127.34	\$ 241,872.66

After reviewing the information contained herein

At a meeting of the Board of Finance held on May 12, 2021, it was:

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

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

Respectfully Submitted,

John S. Mirtle, Esq.  
District Clerk