

2014 Adopted Annual Budget



The Metropolitan District
Hartford, CT



The Metropolitan District
water supply • environmental services • geographic information

December 9, 2013

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

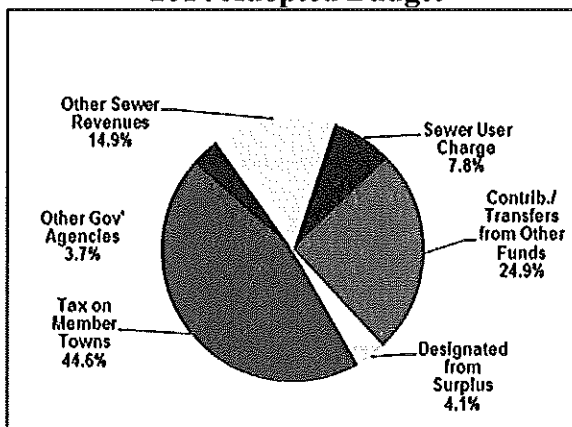
Honorable Commissioners and Citizen Members:

Presented herein is the 2014 Adopted Budget for the Metropolitan District ("MDC"). This budget is the product of a thoughtful and diligent process which solicited and considered input from the numerous stakeholders of the MDC. This collaborative process was critical as we continue to operate and navigate through the serious economic conditions which we are all enduring. Our 2014 Adopted Budget recognizes the critical services which the MDC provides to its ratepayers and member towns and ensures that the infrastructure required to provide these essential services is maintained in accordance with the objectives of our Asset Management Program. Accordingly, the MDC has adopted its 2014 operating budget in the amount of \$150.9 million, which is comprised of a \$80.7 million sewer budget and a \$70.2 million water utility budget.

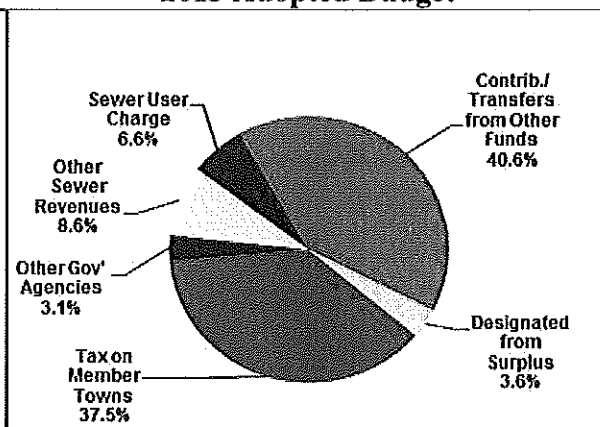
Sewer Operations

The 2014 sewer budget of \$80.7 million is a decrease of \$11.9 million, or 12.9%, below the 2013 adopted sewer budget. The sewer expense decreases are due entirely to the reduction in debt service (decrease of \$12.3 million). The change to the 2014 sewer budget excluding the debt service is an increase of \$.38 million or 0.9%.

**Sewer Revenues
2014 Adopted Budget**



**Sewer Revenues
2013 Adopted Budget**



In order to support the sewer adopted expenses of \$80.7 million, the MDC has set the following revenue rates/assumptions for Fiscal 2014:

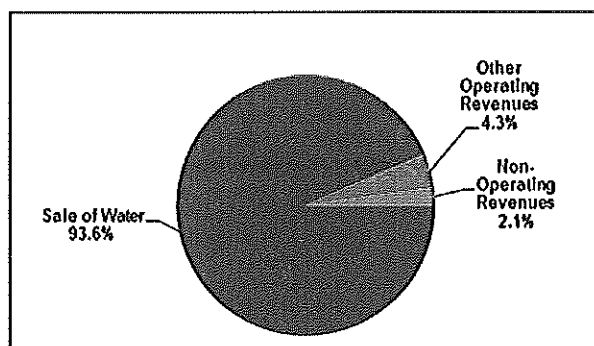
- Ad Valorem Tax to member towns in the amount of \$36.2 million, which is an increase of \$1.3 million or 3.9% over the adopted 2013 ad valorem tax.
- Sewer User Charge in the amount of \$2.62 per 100 cubic feet (ccf), which is an increase of \$0.10 per ccf or 3.9% over the adopted 2013 rate.
- Revenues associated with administrative overhead activities on behalf of the MDC Clean Water Project in the amount of \$10.2 million.
- Contributions of \$18.7 million from the Special Sewer Service Surcharge Fund for the principal and interest payments of Clean Water Project debt service expenses. This is a decrease of \$15.7 below the 2013 adopted budget.
- Contributions of \$1.5 million from other funds. Contributions from the assessable fund and hydro fund have been reduced by \$1.2 million and \$.5 million respectively.

As noted, the overall tax on MDC member towns will increase by 3.9%. The impact of the tax on individual member municipalities for sewage treatment will vary based on the formula for allocating the annual sewer tax, as mandated in the MDC's charter. The formula calls for the total sewer tax to be 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. Thus, a town experiencing an increase in tax receipts relatively greater than the other member towns will assume a larger portion of the MDC's total sewer tax.

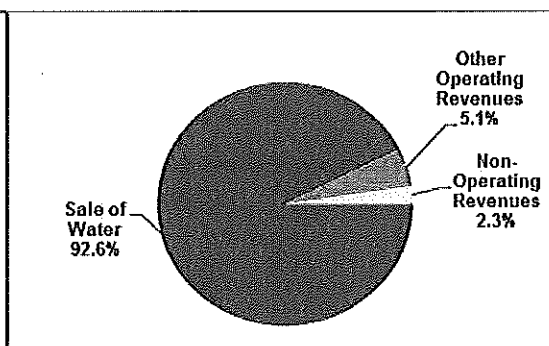
Water Utility Operations

The 2014 water utility budget of \$70.2 million is an increase of \$2.1 million or 3.2%, over the 2013 adopted water utility budget. The water utility expense increases are primarily due to increased debt service (increase of \$2.4 million). The change to the 2014 water utility budget excluding the debt service is a decrease of \$.2 million or 0.5%.

**Water Revenues
2014 Adopted Budget**



**Water Revenues
2013 Adopted Budget**



In order to support the water utility adopted expenses of \$70.2 million, the MDC has set the following revenue rates/assumptions for Fiscal 2014:

- Base water rate of \$2.53 per 100 cubic feet (ccf), which is an increase of \$0.03 per ccf, or 1.2%.

- Overall water consumption assumption remains at 18.6 million ccfs.
- The Customer Service Charges will remain unchanged from the 2013 rates. This charge is to cover a portion of the fixed operating and maintenance costs.
- The General Surcharge Outside District has been decreased. This rate is to cover the costs of assets employed.

By implementing an automated meter reading and meter replace program, the MDC has been able to significantly reduce the number of estimated bills which it sends out to our customers, and as a result, more accurate consumption trends are available. With the new insight into customer usage, the MDC is now able to better understand the impact that conservation efforts have had in the aggregate consumption of MDC customers. Accordingly, the water consumption remains at 18.6 million ccfs for Fiscal 2014.

The increase in the base water rate to \$2.53 per 100 cubic feet (from \$2.50 per 100 cubic feet) will result in the average household using 12,000 cubic feet of water (or about 90,000 gallons) annually paying approximately \$0.90 more per quarter (or \$3.60 per year) than the previous year. The rates will go into effect for water usage on and after January 1, 2014.

After factoring in the 2014 rate increase, MDC customers will continue to pay one of the lowest water rates in the state.

Fiscal Responsibility and Financial Management

Consistent with the Strategic Plan, the MDC proactively monitors the current business and statutory environment in which the MDC operates and continually evaluates its operating policies and procedures as well as how the MDC interacts with its customers and key stakeholders. Given the increased complexity and demands of the Clean Water Project, the MDC has developed and maintains complex and sophisticated forecasting models which enable the MDC to plan future short and long term debt issuance, develop comprehensive cash flow projections and determine their impact on future rate structures. Utilizing these tools proactively has enabled the MDC to model numerous scenarios and communicate effectively with its commissioners, key stakeholders and members of the investment community about the MDC's financial position, progress of the Clean Water Project and the MDC's future financing plans.

During 2013, the MDC continued to operate within a soft economy and was faced with both operating expense increases and the capital obligations related to the Clean Water Project. To offset the impact of these operating expense increases, the MDC has sought out efficiency gains and cost reduction initiatives. These efficiency gains have allowed the District to moderately increase ad valorem waste water rates while the level of waste water construction activity has increased exponentially since 2005. The modest increases in the ad valorem rate structure (2.2% CAGR since 2007) has provided much needed financial relief to the member towns whose budgets have been strained by poor performance in the national economy and capital markets. At the same time, the base water rate has also increased moderately over past several years (3.7% CAGR since 2007) while overall consumption has decreased (-3.6% CAGR since 2007) due to end user conservation activities as well as the introduction of more water efficient commercial processes and consumer appliances. In response to the changing environment in which the MDC is operating, the water rate structure was adjusted to fund fixed infrastructure costs through the monthly or quarterly service charges and incorporate into the non-member town rate structure an annual charge for cost of capital for assets employed in the core watershed and treatment

functions. These core watershed and treatment assets were constructed and funded by the MDC member towns prior to the initiation of the non-member town supply agreements.

The MDC continues to undertake further initiatives to analyze and develop alternate strategies with respect to controlling future pension and healthcare costs. The goal is to identify and implement cost effective benefit offerings and funding strategies while maintaining the commitments which were made to its employee base and retiree population, whose collective efforts have established the MDC as a leader in the public works arena. These initiatives will continue into the future and the programs and strategies which are developed will be implemented in a timely manner.

The table below details the compound annual growth rate (CAGR) of key components of the MDC budget from the period of 2007 to 2014.

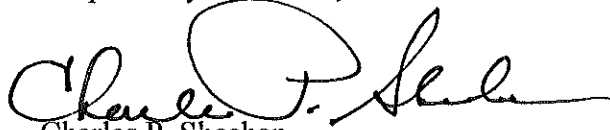
Figures represent \$ million with exception of CCF rates				
	<u>2007</u>		<u>2014</u>	<u>CAGR</u>
Total MDC Adopted Budget	\$ 101.3		\$ 150.9	5.9%
MDC Adopted Sewer Budget	47.8		80.7	7.8%
MDC Adopted Water Budget	53.5		70.2	3.9%
Total MDC Debt Service	\$ 16.3		\$ 52.6	18.2%
MDC Sewer Debt Service	11.8		19.2	7.2%
MDC Water Debt Service	4.5		14.7	18.4%
CWP Debt Service	-		18.7	nm
Total MDC Non-Debt Expenses	\$ 85.0		\$ 98.3	2.1%
MDC Sewer Non-Debt Expenses	36.0		42.8	2.5%
MDC Water Non-Debt Expenses	49.0		55.5	1.8%
MDC Ad Valorm Tax	\$ 31.0		\$ 36.2	2.2%
MDC Base Water Rate per CCF	\$ 1.96		\$ 2.53	3.7%
MDC Sewer User Charge per CCF	\$ 1.96		\$ 2.62	4.2%

The above table reveals that the sewer operations budget has grown at a compound annual growth rate of 7.8%, while the Ad Valorem Tax supporting these operations assessed to the eight member towns of the MDC has only grown at a compound annual growth rate of 2.2%. The MDC has achieved these results through prudent planning, aggressive budget monitoring, cost containment initiatives and cautious use of contingency.

The MDC's 2014 Capital Improvement Program totals \$155.4 million, funded primarily through bond issues, and continues to support our focus on implementing a comprehensive asset management program for wastewater, water and combined programs. The asset management program is to ensure the continued safety and efficiency of the MDC's water mains, sewers, pumping stations, treatment facilities buildings and equipment, as well as to maximize the effectiveness and useful lives of our facilities.

Over the past several years, our mission and core values have been refined as part of our strategic planning process. The 2014 Adopted Budget reaffirms our commitment to cost containment as evidenced by staffing reductions made possible by our re-engineering and restructuring efforts as well as our leveraging previous investments in technology to drive increased productivity and new purchasing strategies. We hope that our continued fiscal responsibility will motivate our member towns to take another step forward with the MDC and begin to put in place a structure that supports both the practical and fiscal demands on public works functions into the 21st century. Providing public works functions on a regional basis, through a public entity, has already proven successful right here in Greater Hartford, as we enjoy the highest quality drinking water in the region at a cost that is consistently lower than any public water supply provider of similar size anywhere in Connecticut. As we move forward, the MDC will continue to develop business goals and adopt implementation plans that fulfill the performance objectives set forth in our Strategic Plan. In pursuit of these objectives, we remain fully committed to providing our customers with safe, pure drinking water, environmentally protective wastewater collection and treatment and other services that measurably benefit the member towns and the customers we serve.

Respectfully submitted,



Charles P. Sheehan
Chief Executive Officer

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Budget Summary

Revenue & Expenditure Summary

The District's budget for 2014 totals \$150,920,600; an \$9,777,100 or 6.1% decrease from the appropriation level adopted in support of 2013 operations and programs. The following table summarizes the adopted 2014 operating revenues and expenditures for the District's Water and Sewer operations.

The District's 2013 and 2014 budgets less the Special Sewer Service Fund and Clean Water Project debt total \$126,237,700 and \$133,826,400, respectively. Without the Clean Water Project related revenues and expenditures the budget increase is 6.0%.

Budget Summary

Revenue & Expenditure Summary

	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Water Revenues</u>				
Sale of Water	\$65,771,667	\$62,995,500	\$63,931,500	\$65,664,900
Other Operating Revenue	3,194,072	3,446,100	3,483,600	3,058,000
Total Operating Revenue	68,965,739	66,441,600	67,415,100	68,722,900
Non Operating Revenue	3,806,091	1,582,100	1,680,800	1,481,400
Contribution from (to) Working Funds	0	0	0	0
Total Water Revenue	72,771,830	68,023,700	69,095,900	70,204,300
<u>Sewer Revenues</u>				
Tax on Member Municipalities	\$33,493,200	\$34,799,400	\$34,799,400	\$36,156,600
Revenue for Other Gov't Agencies	3,689,993	2,860,500	3,668,000	2,963,400
Other Sewer Revenues	7,561,184	7,927,300	7,443,500	12,083,600
Sewer User Charge Revenues	5,464,496	6,131,200	4,538,000	6,321,600
Total Operating Revenue	50,208,873	51,718,400	50,448,900	57,525,200
Contrib/Transfers from Other Funds	13,728,145	37,660,000	15,753,000	20,210,700
Surplus Designated from Prior Yr.	0	3,295,600	2,455,500	2,980,400
Total Sewer Revenues	63,937,018	92,674,000	68,657,400	80,716,300
Total Water and Sewer Revenues	\$136,708,848	\$160,697,700	\$137,753,300	\$150,920,600
<u>Expenditures</u>				
District Board	\$222,483	\$241,500	\$241,500	\$240,500
Executive Office	647,379	790,200	753,100	703,500
Administrative Services	281,730	332,200	323,900	339,700
Legal	2,346,566	2,437,400	2,223,900	2,161,500
Human Resources	1,223,068	1,341,600	1,302,500	1,300,700
Information Technology	4,522,836	5,360,900	5,123,700	4,852,900
Finance	3,691,329	3,956,300	3,293,700	4,456,100
Environment, Health & Safety	1,132,022	1,209,800	1,162,700	1,126,600
Engineering and Planning	292,557	310,400	232,100	1,604,700
Customer Service	4,297,626	4,662,000	4,261,700	4,991,400
Operating Office	839,865	1,020,700	951,100	1,053,900
Operations	8,706,014	8,789,000	8,252,200	9,212,200
Laboratory Services	1,391,243	1,675,100	1,538,700	1,690,000
Water Pollution Control	15,135,459	14,463,500	13,809,700	15,318,000
Maintenance	10,670,985	10,865,400	10,208,900	10,775,400
Water Treatment	4,739,003	4,838,400	4,719,200	4,872,900
Water Supply	2,931,960	3,049,700	2,884,600	3,047,500
Patrol	1,213,837	1,659,400	1,576,700	1,841,800
Debt Service	30,692,882	62,538,700	39,227,000	52,635,200
Employee Benefits	16,599,868	18,627,200	18,627,200	15,493,300
General Insurance	3,041,135	3,509,900	3,509,900	4,084,900
Taxes and Fees	2,442,178	2,677,000	2,677,000	2,777,000
Special Agreements and Programs	1,400,996	3,536,700	1,980,800	3,836,700
Contingencies	-	1,454,200	-	1,454,200
Riverfront Park Systems	1,216,610	1,350,500	1,308,900	1,050,000
Total Water and Sewer Budget	119,679,631	160,697,700	130,190,700	150,920,600
Favorable / (Unfavorable)	\$17,029,217	\$0	\$7,562,600	\$0

Budget Summary

Revenue & Expenditure Summary

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

	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>REVENUES</u>				
Tax on Member Municipalities	\$33,493,200	\$34,799,400	\$34,799,400	\$36,156,600
Revenue for Other Gov't Agencies	3,689,993	2,860,500	3,668,000	2,963,400
Other Sewer Revenues	7,561,184	7,927,300	7,443,500	12,083,600
Sewer User Charge Revenues	5,464,496	6,131,200	4,538,000	6,321,600
Subtotal	50,208,873	51,718,400	50,448,900	57,525,200
Contr./Transfers from Other Funds	13,728,145	37,660,000	15,753,000	20,210,700
Surplus Designated from Prior Yr.	0	3,295,600	2,455,500	2,980,400
Subtotal	\$13,728,145	\$40,955,600	\$18,208,500	\$23,191,100
Total Revenue	63,937,018	92,674,000	68,657,400	80,716,300
<u>EXPENDITURES</u>				
District Board	109,017	118,300	118,300	117,800
Executive Office	317,216	387,200	369,000	344,700
Administrative Services	138,048	162,800	158,700	166,500
Legal	1,149,817	1,194,400	1,089,700	1,059,100
Human Resources	599,303	657,400	638,200	637,300
Information Technology	1,492,536	1,769,100	1,690,800	1,601,500
Finance	1,808,751	1,938,500	1,614,000	2,183,500
Environment, Health & Safety	554,690	592,800	569,700	552,100
Engineering and Planning	143,353	152,100	113,700	786,300
Customer Service	1,461,193	1,585,100	1,448,900	1,697,100
Operating Office	411,534	500,200	466,000	516,400
Operations	2,176,517	2,197,300	2,063,100	2,303,100
Laboratory Services	715,626	804,000	738,600	811,200
Water Pollution Control	15,135,459	14,463,500	13,809,700	15,318,000
Maintenance	5,228,783	5,324,000	5,002,400	5,279,900
Water Treatment	0	0	0	0
Water Supply	0	0	0	0
Patrol	0	0	0	0
Debt Service	20,502,729	50,262,400	28,816,300	37,914,700
Employee Benefits	7,408,599	8,382,300	8,326,300	6,972,000
General Insurance	916,643	1,053,000	1,053,000	1,225,500
Taxes and Fees	0	0	0	0
Special Agreements and Programs	439,190	571,000	571,000	671,000
Contingencies	0	558,600	0	558,600
Riverfront Park Systems	0	0	0	0
Total Expenses	60,709,005	92,674,000	68,657,400	80,716,300
Favorable / (Unfavorable)	\$3,228,013	\$0	\$0	\$0

Budget Summary

Revenue & Expenditure Summary

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

	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>REVENUES</u>				
Water Sales	\$65,771,667	\$62,995,500	\$63,931,500	\$65,664,900
Other Operating Revenues	3,194,072	3,446,100	3,483,600	3,058,000
Subtotal	\$68,965,739	\$66,441,600	\$67,415,100	\$68,722,900
Non-Operating Revenues	3,806,091	1,582,100	1,680,800	1,481,400
Contrib. From (to) Working Fund	0	0	0	0
Subtotal	\$3,806,091	\$1,582,100	\$1,680,800	\$1,481,400
Total Revenue	\$72,771,830	\$68,023,700	\$69,095,900	\$70,204,300
<u>EXPENDITURES</u>				
District Board	\$113,466	123,200	123,200	122,700
Executive Office	330,163	403,000	384,100	358,800
Administrative Services	143,682	169,400	165,200	173,200
Legal	1,196,749	1,243,000	1,134,200	1,102,400
Human Resources	623,765	684,200	664,300	663,400
Information Technology	3,030,300	3,591,800	3,432,900	3,251,400
Finance	1,882,578	2,017,800	1,679,700	2,272,600
Environment, Health & Safety	577,332	617,000	593,000	574,500
Engineering and Planning	149,204	158,300	118,400	818,400
Customer Service	2,836,433	3,076,900	2,812,800	3,294,300
Operating Office	428,331	520,500	485,100	537,500
Operations	6,529,497	6,591,700	6,189,100	6,909,100
Laboratory Services	675,617	871,100	800,100	878,800
Maintenance	5,442,202	5,541,400	5,206,500	5,495,500
Water Treatment	4,739,003	4,838,400	4,719,200	4,872,900
Water Supply	2,931,960	3,049,700	2,884,600	3,047,500
Patrol	1,213,837	1,659,400	1,576,700	1,841,800
Debt Service	10,190,153	12,276,300	10,410,700	14,720,500
Employee Benefits	9,191,269	10,244,900	10,300,900	8,521,300
General Insurance	2,124,492	2,456,900	2,456,900	2,859,400
Taxes and Fees	2,442,178	2,677,000	2,677,000	2,777,000
Special Agreements and Programs	961,805	2,965,700	1,409,800	3,165,700
Contingencies	0	895,600	0	895,600
Riverfront Park Systems	1,216,610	1,350,500	1,308,900	1,050,000
Total Expenses	\$58,970,626	\$68,023,700	\$61,533,300	\$70,204,300
Favorable / (Unfavorable)	\$13,801,204	\$0	\$7,562,600	\$0

Budget Summary

Revenues: Changes by Source

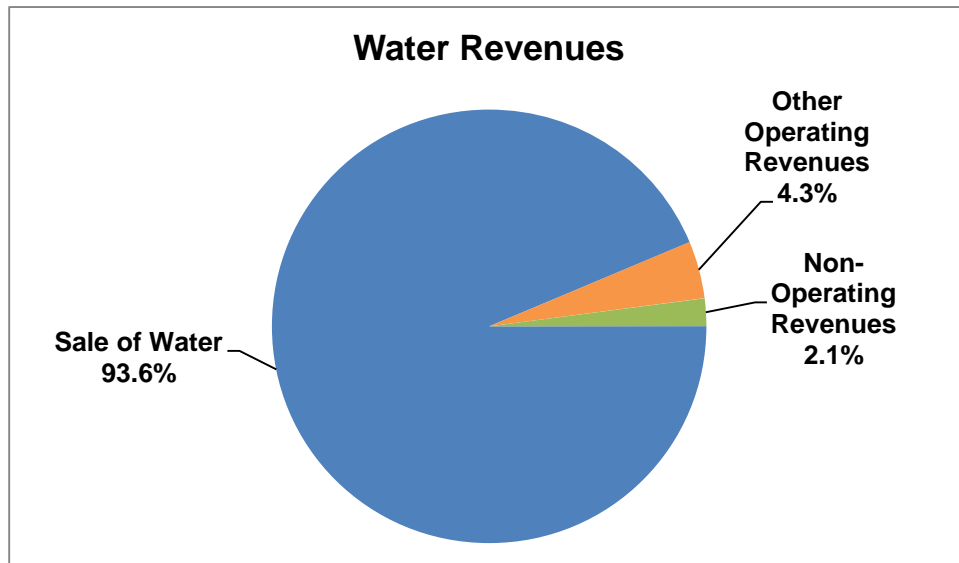
Projected water and sewer revenues for the year 2014 total \$150,920,600, a decrease of \$9,777,100 or 6.1% from the level adopted 2013 level. The sewer revenues have decreased by \$11,957,700 and the water revenues increased by \$2,180,600.

	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Water Revenues</u>				
Sale of Water	\$65,771,667	\$62,995,500	\$63,931,500	\$65,664,900
Other Operating Revenue	3,194,072	3,446,100	3,483,600	3,058,000
Total Operating Revenue	68,965,739	66,441,600	67,415,100	68,722,900
Non Operating Revenue	3,806,091	1,582,100	1,680,800	1,481,400
Contribution from (to) Working Funds	0	0	0	0
Total Water Revenue	72,771,830	68,023,700	69,095,900	70,204,300
<u>Sewer Revenues</u>				
Tax on Member Municipalities	\$33,493,200	\$34,799,400	\$34,799,400	\$36,156,600
Revenue for Other Gov't Agencies	3,689,993	2,860,500	3,668,000	2,963,400
Other Sewer Revenues	7,561,184	7,927,300	7,443,500	12,083,600
Sewer User Charge Revenues	5,464,496	6,131,200	4,538,000	6,321,600
Total Operating Revenue	50,208,873	51,718,400	50,448,900	57,525,200
Contrib/Transfers from Other Funds	13,728,145	37,660,000	15,753,000	20,210,700
Surplus Designated from Prior Yr.	0	3,295,600	2,455,500	2,980,400
Total Sewer Revenues	63,937,018	92,674,000	68,657,400	80,716,300
Total Water and Sewer Revenues	\$136,708,848	\$160,697,700	\$137,753,300	\$150,920,600

Budget Summary

Revenues: Changes by Source

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



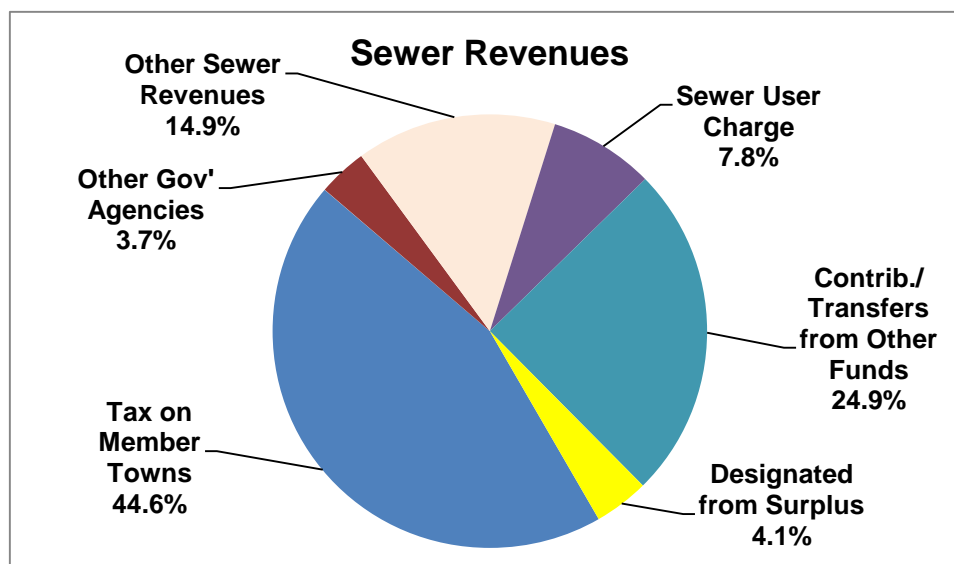
Water: \$2,180,600

- *Sale of Water:* An overall increase of \$2,180,600 is the result a 1.2% water rate increase (from \$2.50 to \$2.53 per CCF). It also reflects the full year impact from the rate increase from the Customer Service Charge and General Surcharge in 2013. The Customer Service Charge and General Surcharge are unchanged for 2014.
- *Other Operating Revenues:* The decrease of \$388,100 is due to a decrease in water billing penalties.
- *Non-Operating Revenues:* The decrease of \$100,700 is due primarily to a decrease in Developer Bill Jobs.

Budget Summary

Revenues: Changes by Source

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



Sewer: (\$9,777,100)

- *Tax on Member Municipalities:* Assumes a \$1,357,200 or 3.9% increase in the tax levy on the District's member municipalities. Each member municipality pays a proportionate share of the tax based on the total revenue it receives from property taxation, as averaged over the prior three years.
- *Other Government Agencies:* Revenues increased by \$102,900 due to increased Sludge revenue, which is associated with the Heat Recovery Project.
- *Other Sewer Revenues:* The increase of \$4,156,300 is driven entirely by the increase of the PM Unit overhead reimbursement.
- *Sewer User Charge:* The sewer user rate will increase from \$2.52 per CCF to \$2.62 per CCF. This will result in increased revenues of \$190,400.
- *Contributions from Other Funds:* A decrease of \$17,449,300 is due entirely to a decrease in the use of the Special Sewer Service Fund to pay for Clean Water Project debt service.
- *Revenue Surplus Designated from Prior Year:* Budget assumes a \$2,980,400 contribution from prior year surpluses, which is \$315,200 lower than the 2013 contribution.

Budget Summary

Revenues: Changes by Source

Member Municipalities Tax History and 2014 Installment Schedule

Tax History by Town	2010	2011	2012	2013	2014
Hartford	\$8,614,800	\$9,046,600	\$9,472,000	\$9,955,500	\$10,374,400
East Hartford	\$3,757,200	\$3,769,700	\$3,856,000	\$3,964,500	\$4,213,200
Newington	\$2,628,400	\$2,794,700	\$2,888,200	\$3,014,900	\$3,132,300
Wethersfield	\$2,510,900	\$2,619,900	\$2,682,500	\$2,756,900	\$2,824,400
Windsor	\$2,766,400	\$2,893,400	\$2,956,200	\$3,026,500	\$3,111,900
Bloomfield	\$2,268,900	\$2,399,000	\$2,488,900	\$2,584,900	\$2,612,500
Rocky Hill	\$1,769,500	\$1,869,100	\$1,941,700	\$2,011,100	\$2,089,100
West Hartford	\$6,650,900	\$6,968,100	\$7,207,700	\$7,485,100	\$7,798,800
Total	\$30,967,000	\$32,360,500	\$33,493,200	\$34,799,400	\$36,156,600

Tax Percentage	2010	2011	2012	2013	2014
Hartford	27.82%	27.96%	28.28%	28.61%	28.69%
East Hartford	12.13%	11.65%	11.51%	11.39%	11.65%
Newington	8.49%	8.64%	8.62%	8.66%	8.66%
Wethersfield	8.11%	8.10%	8.01%	7.92%	7.81%
Windsor	8.93%	8.94%	8.83%	8.70%	8.61%
Bloomfield	7.33%	7.41%	7.43%	7.43%	7.23%
Rocky Hill	5.71%	5.78%	5.80%	5.78%	5.78%
West Hartford	21.48%	21.52%	21.52%	21.51%	21.57%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

Installment Date	1/15/2014	4/16/2014	7/16/2014	10/15/2014	Total
Hartford	\$2,488,875	\$2,488,875	\$2,698,325	\$2,698,325	\$10,374,400
East Hartford	991,125	991,125	1,115,475	1,115,475	4,213,200
Newington	753,725	753,725	812,425	812,425	3,132,300
Wethersfield	689,225	689,225	722,975	722,975	2,824,400
Windsor	756,625	756,625	799,325	799,325	3,111,900
Bloomfield	646,225	646,225	660,025	660,025	2,612,500
Rocky Hill	502,775	502,775	541,775	541,775	2,089,100
West Hartford	1,871,275	1,871,275	2,028,125	2,028,125	7,798,800
Total	\$8,699,850	\$8,699,850	\$9,378,450	\$9,378,450	\$36,156,600

Budget Summary

Expenditures: Changes by Department

The District's expenditure budget for 2014 totals \$150,920,600; an \$9,777,100 or 6.1% decrease from the appropriation level adopted in support of 2013 operations and programs. The following table summarizes the changes by department.

Department	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted	Change	Percent Change
District Board	222,483	241,500	241,500	240,500	(1,000)	-0.4%
Executive Office	647,379	790,200	753,100	703,500	(86,700)	-11.0%
Administrative Services	281,730	332,200	323,900	339,700	7,500	2.3%
Legal	2,346,566	2,437,400	2,223,900	2,161,500	(275,900)	-11.3%
Human Resources	1,223,068	1,341,600	1,302,500	1,300,700	(40,900)	-3.0%
Information Technology	4,522,836	5,360,900	5,123,700	4,852,900	(508,000)	-9.5%
Finance	3,691,329	3,956,300	3,293,700	4,456,100	499,800	12.6%
Environment, Health & Safety	1,132,022	1,209,800	1,162,700	1,126,600	(83,200)	-6.9%
Engineering and Planning	292,557	310,400	232,100	1,604,700	1,294,300	417.0%
Customer Service	4,297,626	4,662,000	4,261,700	4,991,400	329,400	7.1%
Operating Office	839,865	1,020,700	951,100	1,053,900	33,200	3.3%
Operations	8,706,014	8,789,000	8,252,200	9,212,200	423,200	4.8%
Laboratory Services	1,391,243	1,675,100	1,538,700	1,690,000	14,900	0.9%
Water Pollution Control	15,135,459	14,463,500	13,809,700	15,318,000	854,500	5.9%
Maintenance	10,670,985	10,865,400	10,208,900	10,775,400	(90,000)	-0.8%
Water Treatment	4,739,003	4,838,400	4,719,200	4,872,900	34,500	0.7%
Water Supply	2,931,960	3,049,700	2,884,600	3,047,500	(2,200)	-0.1%
Patrol	1,213,837	1,659,400	1,576,700	1,841,800	182,400	11.0%
Debt Service	30,692,882	62,538,700	39,227,000	52,635,200	(9,903,500)	-15.8%
Employee Benefits	16,599,868	18,627,200	18,627,200	15,493,300	(3,133,900)	-16.8%
General Insurance	3,041,135	3,509,900	3,509,900	4,084,900	575,000	16.4%
Taxes and Fees	2,442,178	2,677,000	2,677,000	2,777,000	100,000	3.7%
Special Agreements and Programs	1,400,996	3,536,700	1,980,800	3,836,700	300,000	8.5%
Contingencies	-	1,454,200	-	1,454,200	-	0.0%
Riverfront Park Systems	1,216,610	1,350,500	1,308,900	1,050,000	(300,500)	-22.3%
Total Water and Sewer Budget	\$119,679,631	\$160,697,700	\$130,190,700	\$150,920,600	(\$9,777,100)	-6.1%

Budget Summary

Expenditures: Changes by Major Object

The table below shows the adopted 2014 expenditure budget by Major Object.

Major Object	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted	Change
Payroll					
Regular Pay	\$32,109,134	\$33,129,400	\$29,148,700	\$35,146,500	\$2,017,100
Overtime Pay	4,553,039	4,041,400	3,836,900	3,978,100	(63,300)
Temporary Help	423,911	448,200	448,200	578,000	129,800
Standby & Premium Pay	188,809	264,100	264,100	255,700	(8,400)
Longevity Pay	64,063	66,300	66,300	64,600	(1,700)
Total Payroll	37,340,956	37,949,400	33,764,200	40,022,900	\$2,073,500
Operations					
General Operations	11,735,693	13,307,200	13,307,200	13,501,300	194,100
Legal Services	1,154,852	1,575,000	1,575,000	1,665,000	90,000
Collection Services	577,488	800,000	800,000	900,000	100,000
Fuel for Incin., Pump. and Heating	1,263,242	1,843,900	1,843,900	1,983,100	139,200
Chemicals	1,936,794	2,521,900	2,521,900	2,279,900	(242,000)
Electricity	6,387,777	5,194,100	5,194,100	5,592,600	398,500
Debt	30,647,598	62,263,700	38,952,000	51,970,200	(10,293,500)
Nitrogen Credits	1,287,141	780,000	780,000	1,223,000	443,000
Pension Regular	4,670,011	4,453,000	4,453,000	1,169,000	(3,284,000)
Employee Benefits	12,093,860	14,259,600	14,259,600	14,374,100	114,500
General Insurance	2,967,531	3,399,000	3,399,000	3,974,000	575,000
Taxes and Fees	2,442,178	2,677,000	2,677,000	2,777,000	100,000
Special Agrmts and Programs	1,037,962	1,228,300	1,228,300	1,408,300	180,000
Riverfront Operations Expenses	592,184	771,200	771,200	544,500	(226,700)
Total Operations	78,794,312	115,073,900	91,762,200	103,362,000	(\$11,711,900)
Maintenance	3,544,363	6,220,200	4,664,300	6,081,500	(138,700)
Contingencies	-	1,454,200	-	1,454,200	-
Total	\$119,679,631	\$160,697,700	\$130,190,700	\$150,920,600	(\$9,777,100)

Budget Summary

Expenditures: Changes by Major Object

The following are some of the highlights of the adopted 2013 expenditure budget by Major Object.

Payroll: \$2,073,500

- **Regular Pay** the \$2,017,100 increase reflects cost-of-living and increment increases.
- **Overtime** decreases of \$63,300 reflect efforts to manage overtime.
- A \$129,800 increase in **Temporary Help** reflects additional use of rangers and temporary help.
- In **Standby and Premium Pay**, a net decrease of \$8,400 reflects the anticipated reduction in storm activity and emergency responses.
- **Longevity Pay** is down \$1,700 due to the retirement activity.

Operations: (\$11,711,900)

- **General Operations** expenditures are increasing by \$194,100 as the result an increase to the following expenses, *Police Services* (increased repair activity), *Consultant Services* (cover non-capital programs), *Outside Services* (Payroll related expenses) offset in part by lower *Riparian Commitment and Bedwash Supplies* based upon current estimates.
- The **Legal Services** for Bond Counsel are increasing \$90,000 due to anticipated borrowing activity.
- **Collection Services** is increasing by \$100,000 due to increased collection activity.
- **Fuel for Incineration, Pumping and Heating** is increasing by \$139,200 due to projected increases in usage and rates.
- **Chemicals** are decreasing by \$242,000 primarily due to the reduction in Polymer which is associated with the Heat Recovery project.
- **Electricity** is higher by \$398,500 as the result of an anticipated increase at the Hartford Water Pollution Control facility.
- **Debt Service**, a net decrease of \$10,293,500, reflects the change in timing of bonds and the use of the Special Sewer Service Fund for Clean Water Project debt.
- **Nitrogen Credits** are projected to be higher by \$443,000. DEP will establish the rates for the DEP Nitrogen Credit Program, which provides for the purchase of nitrogen credits to address the levels of nitrogen being discharged into Long Island Sound.
- **Pension** allotment decrease of \$3,284,000 is based on the District's actuary and the allocated based upon payroll and that in lieu of a contribution the District is adding assets to the pension fund in 2014.
- **Employee Benefits** are higher by \$114,500. The budget reflects an increase for Social Security associated with the additional pay period.

Budget Summary

Expenditures: Changes by Major Object

- **General Insurance** is up \$575,000 due to increased contributions to the self-insurance fund.
- **Taxes and Fees** for 2014 are expected to increase by \$100,000 due to higher property taxes.
- **Special Agreements and Programs** are expected to increase by \$180,000. These increases are due to increased consultant costs to cover non-capital related programs.
- **Riverfront Parks Systems** expenses have decreased by \$226,700 as a result of a reassessment of maintenance activities.

Maintenance: (\$138,700)

- The decrease in **Maintenance** is related to a reduction in the Pump Station Equipment and Building Maintenance expenses due to the benefits of the implementation of the CMMS program. This is offset in part by an increase in paving repair work.

Contingencies: \$0

- **Contingency** account is unchanged from the prior year.

Budget Summary

Expenditures: Statistical Analysis

The following two tables show the Major Object and the Major Objects grouped into categories as a percentage of the 2014 overall budget.

OBJECT CODES	AMOUNT	% OF BUDGET
Payroll	40,022,900	26.70%
Debt	51,970,200	34.40%
General Operations	13,501,300	8.90%
Electricity	5,592,600	3.70%
Employee Benefits	14,374,100	9.50%
Maintenance	6,081,500	4.00%
Pension Regular	1,169,000	0.80%
General Insurance	3,974,000	2.60%
Chemicals	2,279,900	1.50%
Taxes and Fees	2,777,000	1.80%
Fuel for Incin., Pump. and Heating	1,983,100	1.30%
Contingency	1,454,200	1.00%
Nitrogen Credits	1,223,000	0.80%
Special Agrmts and Programs	1,408,300	0.90%
Legal Services	1,665,000	1.10%
Riverfront Operations Expenses	544,500	0.40%
Collection Services	900,000	0.60%
Capital Outlay	-	0.00%
Total Operations	\$150,920,600	100.00%

CATEGORY	AMOUNT	% OF BUDGET
Payroll Related	\$55,566,000	36.82%
Debt	51,970,200	34.44%
General Operations	13,501,300	8.95%
Energy Related	7,575,700	5.02%
Maintenance	6,081,500	4.03%
Insurance	3,974,000	2.63%
Chemicals	2,279,900	1.51%
Taxes & Fees	2,777,000	1.84%
Contingency	1,454,200	0.96%
Legal	2,565,000	1.70%
Nitrogen Credits	1,223,000	0.81%
Special Agrmts and Programs	1,408,300	0.93%
Riverfront Operations Expenses	544,500	0.36%
	\$150,920,600	100.00%

Budget Summary

Expenditures: Statistical Analysis

The following table shows the major changes from the 2013 Adopted Budget and the 2014 Proposed Budget.

Commitment Item	Expenditure Classification	2013 Adopted	2014 Adopted	Change	Percent Change
508360	Principal on Bonds	35,370,200.00	29,702,300.00	(5,667,900.00)	-16.0%
502364	Interest on Bonds	25,249,500.00	19,638,200.00	(5,611,300.00)	-22.2%
502505	Pension Regular	4,453,000.00	1,169,000.00	(3,284,000.00)	-73.7%
502056	OPEB Trust Contribution	5,244,000.00	5,067,000.00	(177,000.00)	-3.4%
502159	Polymer	1,044,600.00	875,000.00	(169,600.00)	-16.2%
503218	Riverfront Facility Maintenance	240,900.00	126,600.00	(114,300.00)	-47.4%
502204	Household Hazardous Waste Disposal	340,000.00	275,000.00	(65,000.00)	-19.1%
501201	Overtime	4,041,400.00	3,978,100.00	(63,300.00)	-1.6%
502150	Water Treatment Chemicals	1,368,000.00	1,305,600.00	(62,400.00)	-4.6%
503205	Pump Station Equipment	122,000.00	60,000.00	(62,000.00)	-50.8%
502021	Riparian Commitment	120,000.00	60,000.00	(60,000.00)	-50.0%
502416	Computer Equipment & Supplies	340,000.00	284,000.00	(56,000.00)	-16.5%
502102	Bedwash Supplies	85,000.00	35,000.00	(50,000.00)	-58.8%
503301	Building Maintenance	465,000.00	425,000.00	(40,000.00)	-8.6%
502212	Fuel for Pumping	251,700.00	292,500.00	40,800.00	16.2%
502270	Seminars & Conventions	113,000.00	153,900.00	40,900.00	36.2%
502242	Property Losses Not Insured	100,000.00	150,000.00	50,000.00	50.0%
502213	Fuel for Heating	782,000.00	845,600.00	63,600.00	8.1%
502028	Property Taxes	2,667,000.00	2,767,000.00	100,000.00	3.7%
502287	Outside Services	1,017,100.00	1,129,600.00	112,500.00	11.1%
502508	Social Security	2,850,300.00	2,977,100.00	126,800.00	4.4%
501301	Temporary Help	448,200.00	578,000.00	129,800.00	29.0%
502016	Police Services	56,000.00	206,000.00	150,000.00	267.9%
502501	Blue Shield	1,601,300.00	1,776,100.00	174,800.00	10.9%
502292	Legal Services	2,375,000.00	2,565,000.00	190,000.00	8.0%
502247	Liability-Claims	500,000.00	700,000.00	200,000.00	40.0%
502249	Incurred But Not Reported-Reserve	700,000.00	1,000,000.00	300,000.00	42.9%
502350	Electricity	5,194,100.00	5,592,600.00	398,500.00	7.7%
502296	Consultant Services	396,200.00	802,700.00	406,500.00	102.6%
502288	DEP Nitrogen Credits	780,000.00	1,223,000.00	443,000.00	56.8%
502363	Interest & Note Issue Expense	1,644,000.00	2,629,700.00	985,700.00	60.0%
501101	Regular Pay	33,129,400.00	35,146,500.00	2,017,100.00	6.1%

Basis of Budgetary Accounting

- Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements. 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 actually received. Revenue from taxes on member towns is considered “measurable” in the year in which the taxes are levied and is 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.

2014 Budget Expenditures

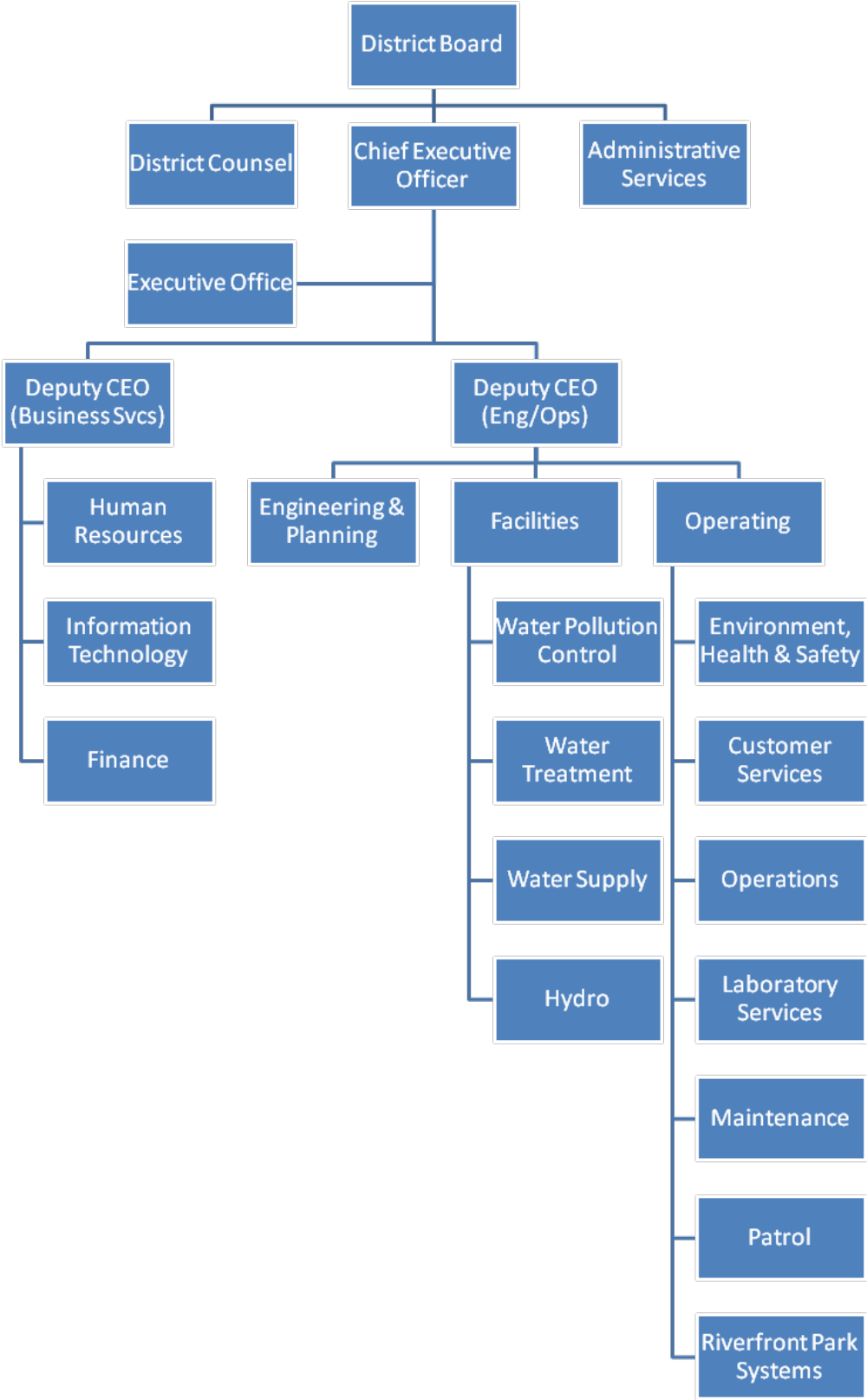
Budget Appropriations	Water	Sewer	Total
District Board	122,700	117,800	240,500
Executive Office	358,800	344,700	703,500
Administrative Services	173,200	166,500	339,700
Legal	1,102,400	1,059,100	2,161,500
Human Resources	663,400	637,300	1,300,700
Information Technology	3,251,400	1,601,500	4,852,900
Finance	2,272,600	2,183,500	4,456,100
Environment, Health and Safety	574,500	552,100	1,126,600
Engineering and Planning	818,400	786,300	1,604,700
Customer Service	3,294,300	1,697,100	4,991,400
Operating Office	537,500	516,400	1,053,900
Operations	6,909,100	2,303,100	9,212,200
Laboratory Services	878,800	811,200	1,690,000
Water Pollution Control	-	15,318,000	15,318,000
Maintenance	5,495,500	5,279,900	10,775,400
Water Treatment	4,872,900	-	4,872,900
Water Supply	3,047,500	-	3,047,500
Patrol	1,841,800	-	1,841,800
Debt Service	14,720,500	37,914,700	52,635,200
Employee Benefits	8,521,300	6,972,000	15,493,300
General Insurance	2,859,400	1,225,500	4,084,900
Taxes and Fees	2,777,000	-	2,777,000
Special Agreements and Programs	3,165,700	671,000	3,836,700
Contingencies	895,600	558,600	1,454,200
Riverfront Park Systems	1,050,000	-	1,050,000
Total Water and Sewer Budget	70,204,300	80,716,300	150,920,600
Hydroelectric			1,046,700

2014 Budget Revenues

Revenue	Total
Water Revenues	
Operating Revenues	
Sale of Water	\$65,664,900
Other Operating Revenues	3,058,000
Subtotal Operating Revenues	<u>68,722,900</u>
Non-Operating Revenues	1,481,400
Total Water Revenues and Other Financing Sources	\$70,204,300
Sewer Revenues	
Operating Revenues	
Tax on Member Municipalities	\$36,156,600
Revenue from Other Government Agencies	2,963,400
Other Sewer Revenues	12,083,600
Sewer User Charge Revenues	6,321,600
Subtotal Operating Revenues	<u>57,525,200</u>
Other Financing Sources	
Contributions/Transfers from Other Funds	20,210,700
Designated from Surplus	2,980,400
Subtotal Other Financing Sources	<u>23,191,100</u>
Total Sewer Revenues and Other Financing Sources	\$80,716,300
Total Water and Sewer Revenues	\$150,920,600
Hydroelectric Revenues	\$994,700

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The Metropolitan District



The Metropolitan District

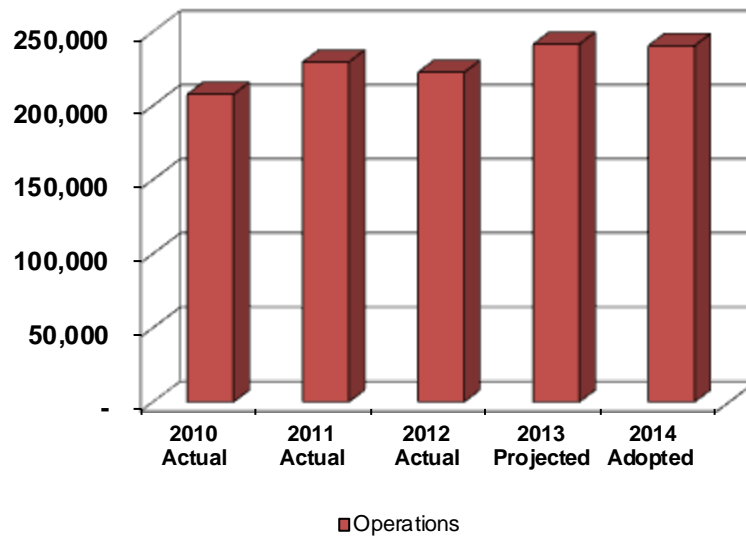
Description

- 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 360,780.
- 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 twenty-nine-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. 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; Administrative Services; Legal; Customer Service; Human Resources; Information Technology; Finance; Environment, Health and Safety; Engineering and Planning; Patrol; Operations; Laboratory Services; Water Pollution Control; Maintenance; Water Treatment; Water Supply; Hydroelectric and Riverfront.
- As of the third quarter of 2013, there were approximately 518 active full time employees at The Metropolitan District.

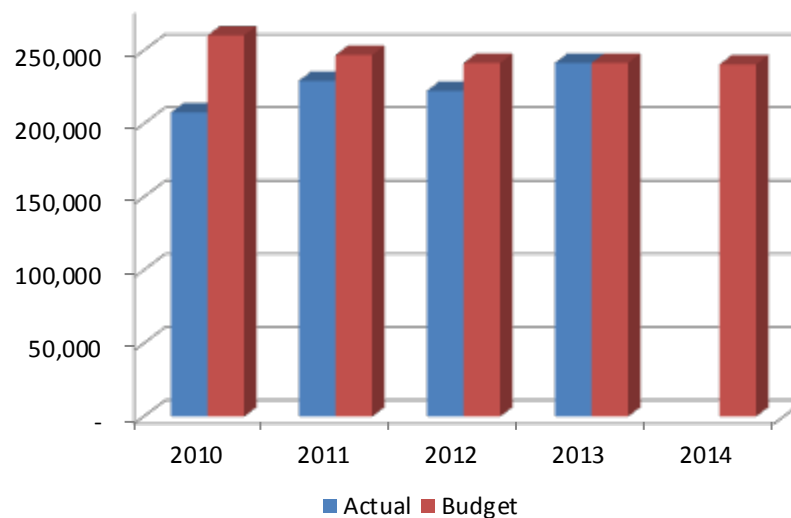
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District Board

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	-	-	-
Operations	207,763	229,401	222,483	241,500	240,500
Maintenance	-	-	-	-	-
Total	207,763	229,401	222,483	241,500	240,500



	2010	2011	2012	2013	2014
Actual	207,763	229,401	222,483	241,500	
Budget	260,500	247,000	241,500	241,500	240,500
Variance	(52,737)	(17,599)	(19,017)	-	

Administration**Description**

By Charter, the affairs and policies of The Metropolitan District are governed by a Board of Commissioners (the District Board) composed of twenty-nine 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; and four appointed by the leadership of the Connecticut General Assembly.

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 to provide for the transmission, sale and distribution of the electricity produced by District hydroelectric facilities.

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; Hydroelectric Development; Internal Audit; MDC Government; Organization; Personnel, Pension and Insurance; and Strategic Planning.

Budget Commentary

The 2014 District Board budget of \$240,500 is lower by \$1,000 or 0.4% from the level adopted for 2013.

Operations: (\$1,000)

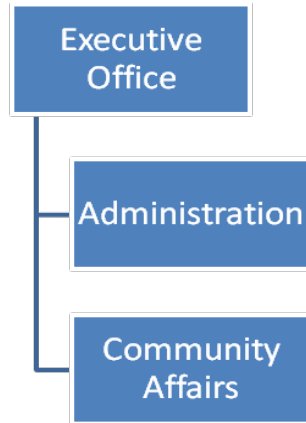
- *Office Supplies & Expenses* has been decreased to be more in-line with historical amounts.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502107	Office Supplies & Expenses	3,805	6,000	6,000	5,000
502274	Meeting Expenses	24,865	35,000	35,000	35,000
502278	Business Travel	-	500	500	500
502287	Outside Services	74,583	75,000	75,000	75,000
502290	Auditing	119,230	125,000	125,000	125,000
<i>Total Expenditure Classification</i>		222,483	241,500	241,500	240,500
<u>Funding Allocation</u>					
	Sewer Revenues 49%	109,017	118,300	118,300	117,800
	Water Revenues 51%	113,466	123,200	123,200	122,700
<i>Total Funding Allocation</i>		222,483	241,500	241,500	240,500

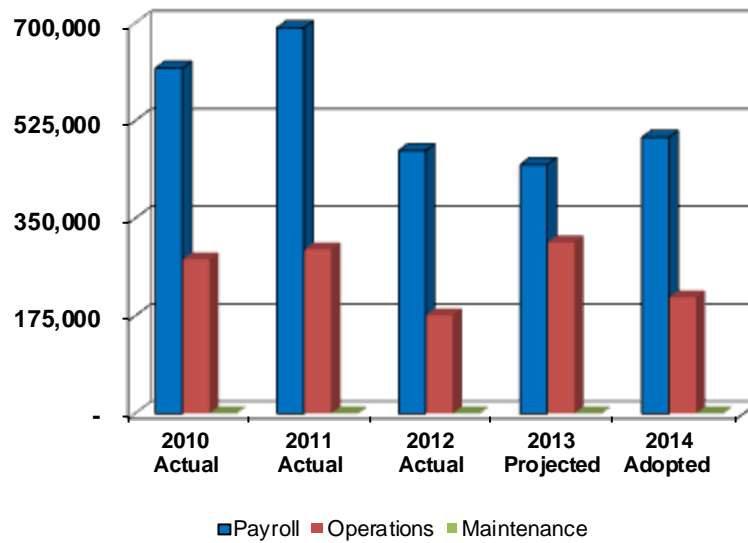
Executive Office

Administration
Community Affairs

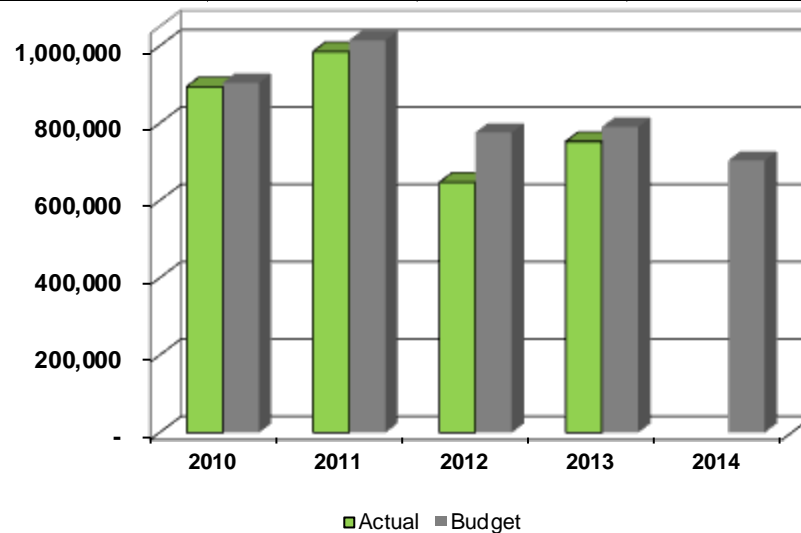


Executive Office

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	619,088	691,639	471,418	446,500	495,200
Operations	275,910	293,883	175,961	306,600	208,300
Maintenance	-	-	-	-	-
Total	894,998	985,522	647,379	753,100	703,500



	2010	2011	2012	2013	2014
Actual	894,998	985,522	647,379	753,100	
Budget	904,400	1,014,400	775,800	790,200	703,500
Variance	(9,402)	(28,878)	(128,421)	(37,100)	

Executive Office

Summary

Description

The Chief Executive Officer of The Metropolitan District has management responsibility for all services and programs provided by the District. The Chief Executive Officer and administrative staff also provide policy development and support for the District Board. The Executive Office consists of two activities: Administration and Community Affairs.

Budget Commentary

The budget of the Executive Office totals \$703,500, which reflects a decrease of \$86,700 or 11.0% below the expenditure level adopted for the 2013 year. Details regarding the two activity budgets that comprise the Executive Office — Administration and Community Affairs — are on subsequent pages.

Executive Office

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	533,069	603,200	566,100	614,500
Community Affairs	114,310	187,000	187,000	89,000
Office of Diversity	-	-	-	-
Total Summary by Activity	647,379	790,200	753,100	703,500
<u>Summary by Major Accounts</u>				
Payroll				
Regular Pay	470,843	482,800	445,700	494,400
Overtime	-	-	-	-
Temporary Help	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	575	800	800	800
Total Payroll	471,418	483,600	446,500	495,200
Operations	175,961	306,600	306,600	208,300
Maintenance	-	-	-	-
Total Summary by Major Accounts	647,379	790,200	753,100	703,500
<u>Funding Allocation</u>				
Sewer Revenues 49%	317,216	387,200	369,000	344,700
Water Revenues 51%	330,163	403,000	384,100	358,800
Total Funding Allocation	647,379	790,200	753,100	703,500
<u>Authorized Positions</u>				
Administration	4	3	3	3
Community Affairs	-	-	-	-
Total Authorized Positions	4	3	3	3

Administration**Description**

The Chief Executive Officer is appointed by the District Board and is responsible for implementing the policies of the Board and for 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.

Budget Commentary

The Executive Office Administration budget for the coming year is \$614,500, increasing by \$11,300 or 1.9% above the level adopted for 2013.

Payroll: \$11,600

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

Operations: (\$300)

- *Office Supplies & Expenses* are expected to be lower.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	470,843	482,800	445,700	494,400
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	575	800	800	800
	Total Payroll	471,418	483,600	446,500	495,200
	<u>Operations</u>				
502107	Office Supplies & Expenses	4,776	4,800	4,800	4,500
502271	Dues-Professional Associations	796	900	900	900
502272	Books & Subscriptions	165	700	700	700
502274	Meeting Expenses	17,223	12,000	12,000	12,000
502278	Business Travel	1,882	1,200	1,200	1,200
502287	Outside Services	36,811	100,000	100,000	100,000
	Total Operations	61,651	119,600	119,600	119,300
	Total Expenditure Classification	533,069	603,200	566,100	614,500
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	261,204	295,600	277,400	301,100
	Water Revenues 51%	271,865	307,600	288,700	313,400
	Total Funding Allocation	533,069	603,200	566,100	614,500
	<u>Authorized Positions</u>				
	Chief Executive Officer	1	1	1	1
	Assistant to Chief Executive Officer	1	1	1	1
	Executive Assistant	2	1	1	1
	Total Authorized Positions	4	3	3	3

Community Affairs**Description**

The Community Affairs activity is responsible for public, media and customer relations and for assisting in the development of internal management communications. Ongoing activities consist of the preparation of various District publications (the annual report, special bulletins and brochures, bill inserts, and an employee newsletter); communication with the news media; planning and managing special events; conducting educational programs and tours; and addressing community organizations.

Budget Commentary

The Community Affairs budget for 2014 totals \$89,000, which is down by \$98,000 or 52.4% below the expenditure level approved for 2013 operations and programs.

Operations: (\$98,000)

- The items that have been reduced have been budgeted in Operating Office – Communications (4020015) for 2014.

Community Affairs

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	-
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	-	-	-	-
	<u>Operations</u>				
502108	Photography/Video Supplies	200	1,000	1,000	1,000
502253	Periodic Publications	56,109	65,000	65,000	-
502296	Consultant Services	12,849	60,000	60,000	42,000
502625	Public Education & Information	750	15,000	15,000	5,000
502627	Community Sponsorships & Conventions	13,400	15,000	15,000	15,000
502629	Community Events and Expo. Part.	500	-	-	-
502630	Promotional Materials	10,980	4,000	4,000	5,000
502633	Youth Education	6,700	10,000	10,000	5,000
502634	Sponsored Events	12,072	12,000	12,000	12,000
502636	Special Publications	750	2,000	2,000	2,000
502640	Circumstantial Projects	-	3,000	3,000	2,000
	Total Operations	114,310	187,000	187,000	89,000
	Total Expenditure Classification	114,310	187,000	187,000	89,000
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	56,012	91,600	91,600	43,600
	Water Revenues 51%	58,298	95,400	95,400	45,400
	Total Funding Allocation	114,310	187,000	187,000	89,000
	<u>Authorized Positions</u>				
	Community Affairs Assistant				
	Public Affairs Specialist	-	-	-	-
	Total Authorized Positions	-	-	-	-

Administrative Services

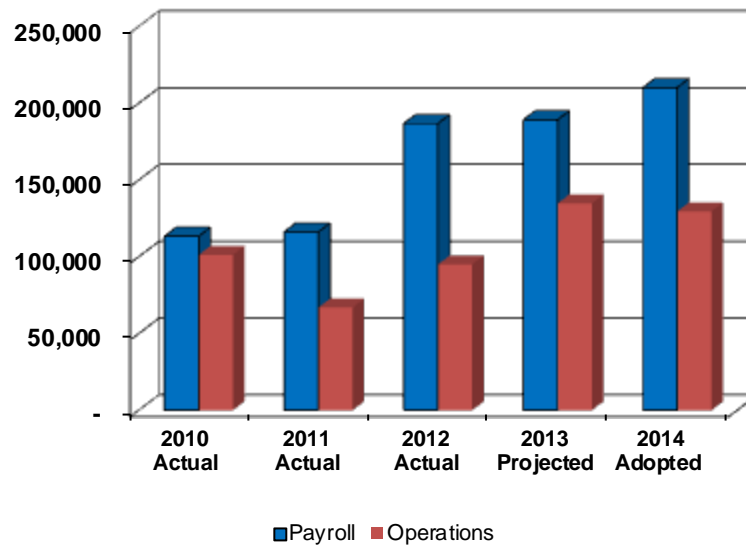
Administration

Administrative
Services

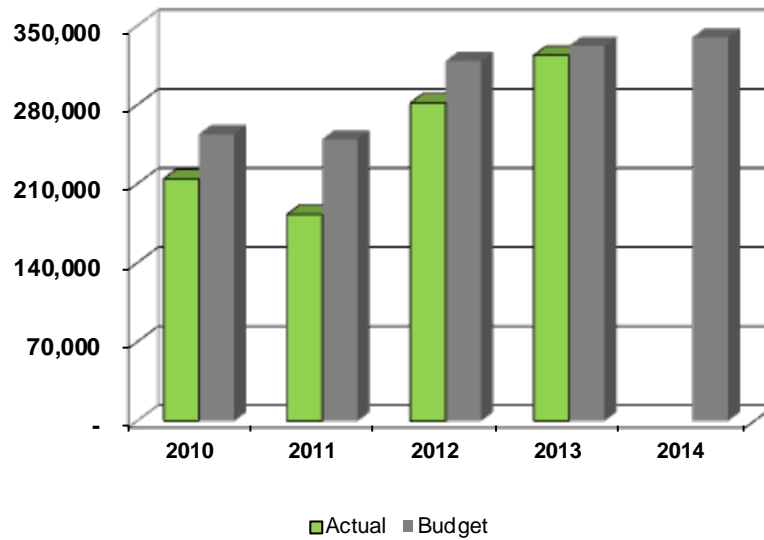


Administration

Five Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	113,284	116,117	186,762	189,200	210,200
Operations	101,187	66,875	94,968	134,700	129,500
Maintenance	-	-	-	-	-
Total	214,471	182,992	281,730	323,900	339,700



	2010	2011	2012	2013	2014
Actual	214,471	182,992	281,730	323,900	
Budget	254,000	249,500	318,800	332,200	339,700
Variance	(39,529)	(66,508)	(37,070)	(8,300)	

Administration**Description**

Administrative Services provides support services to the District Board and its major bureaus and committees. In addition, this activity this department is responsible for the administration of all legal records.

Specific duties and responsibilities of Administrative Services include: 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 Administrative Services budget for 2014 is \$339,700, increasing by \$7,500 or 2.3% above the expenditure level adopted for 2013.

Payroll: \$12,700

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

Operations: (\$5,200)

- Expenses for *Dues-Professional Associations* are expected to be lower.
- The cost for *Liens* and *Legal Advertising* are expected to increase due to increased collection activity.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	186,762	197,500	189,200	210,200
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	186,762	197,500	189,200	210,200
	<u>Operations</u>				
502008	Legal Advertising	6,903	7,000	7,000	10,000
502009	Liens Caveats Certificates of Installment	40,071	68,000	68,000	78,000
502107	Office Supplies & Expenses	365	1,700	1,700	1,500
502271	Dues-Professional Associations	47,629	58,000	58,000	40,000
	Total Operations	94,968	134,700	134,700	129,500
	Total Expenditure Classification	281,730	332,200	323,900	339,700
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	138,048	162,800	158,700	166,500
	Water Revenues 51%	143,682	169,400	165,200	173,200
	Total Funding Allocation	281,730	332,200	323,900	339,700
	<u>Authorized Positions</u>				
	Admin Officer and Special Asst	1	1	1	1
	Executive Assistant	1	1	1	1
	Total Authorized Positions	2	2	2	2

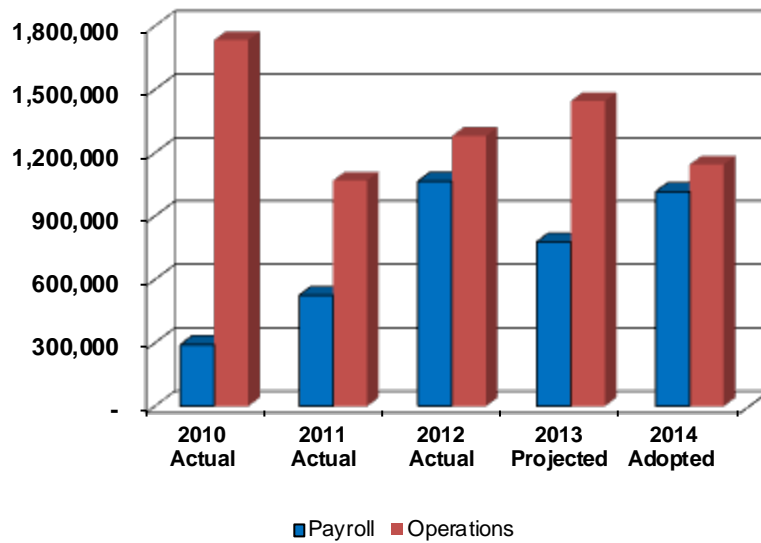
Legal

Administration
Diversity

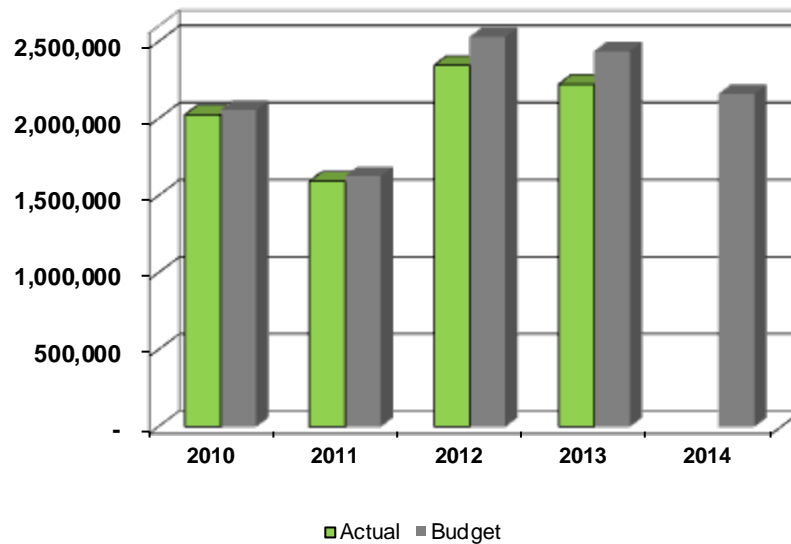


Legal

Five Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	291,813	525,498	1,066,331	778,900	1,016,500
Operations	1,734,348	1,069,175	1,280,234	1,445,000	1,145,000
Maintenance	-	-	-	-	-
Total	2,026,162	1,594,674	2,346,566	2,223,900	2,161,500



	2010	2011	2012	2013	2014
Actual	2,026,162	1,594,674	2,346,566	2,223,900	
Budget	2,057,800	1,626,800	2,530,500	2,437,400	2,161,500
Variance	(31,638)	(32,126)	(183,934)	(213,500)	

Legal

Summary

Description

Legal is comprised of Legal Administration which represents the District for all legal related matters and assists in legislative reviews and the Office of Diversity.

The Legal Department consists of two activities: Administration and Diversity.

Budget Commentary

The budget for the Legal Department totals \$2,161,500, which reflects a decrease of \$275,900 or 11.3% below the expenditure level adopted for the 2013 year. Details regarding the two activity budgets that comprise the Legal Department — Administration and Diversity — are on subsequent pages.

Legal

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	1,764,482	1,914,000	1,873,800	1,635,400
Diversity	582,084	523,400	350,100	526,100
Total Summary by Activity	2,346,566	2,437,400	2,223,900	2,161,500
<u>Summary by Major Accounts</u>				
Payroll				
Regular Pay	966,564	890,700	677,200	914,800
Overtime	102	-	-	-
Temporary Help	98,690	100,900	100,900	100,900
Standby & Premium Pay	-	-	-	-
Longevity Pay	975	800	800	800
Total Payroll	1,066,331	992,400	778,900	1,016,500
Operations	1,280,234	1,445,000	1,445,000	1,145,000
Total Summary by Major Accounts	2,346,566	2,437,400	2,223,900	2,161,500
<u>Funding Allocation</u>				
Sewer Revenues 49%	1,149,817	1,194,400	1,089,700	1,059,100
Water Revenues 51%	1,196,749	1,243,000	1,134,200	1,102,400
Total Funding Allocation	2,346,566	2,437,400	2,223,900	2,161,500
<u>Authorized Positions</u>				
Administration	6	7	7	7
Diversity	4	2	2	2
Total Authorized Positions	10	9	9	9

Administration**Description**

The District's Legal Department is administered by District Counsel and supported by an Assistant District Counsel and an Executive Assistant/Paralegal. 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 Legal Department budget for 2014 totals \$1,635,400, which is down \$278,600 or 14.6% below the expenditure level approved for 2013.

Payroll: \$21,400

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

Operations: (\$300,000)

- *Legal Services* have been reduced to be more-line with historical spend.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	549,265	606,200	566,000	627,600
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	575	800	800	800
	Total Payroll	549,840	607,000	566,800	628,400
	<u>Operations</u>				
502107	Office Supplies & Expenses	1,294	5,000	5,000	5,000
502271	Dues-Professional Associations	186	-	-	-
502274	Meeting Expenses	3,327	2,000	2,000	2,000
502292	Legal Services	1,110,548	1,300,000	1,300,000	1,000,000
502296	Consultant Services	99,288	-	-	-
	Total Operations	1,214,642	1,307,000	1,307,000	1,007,000
	Total Expenditure Classification	1,764,482	1,914,000	1,873,800	1,635,400
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	864,596	937,900	918,200	801,300
	Water Revenues 51%	899,886	976,100	955,600	834,100
	Total Funding Allocation	1,764,482	1,914,000	1,873,800	1,635,400
	<u>Authorized Positions</u>				
	District Counsel	1	1	1	1
	Assistant District Counsel	3	5	5	5
	Executive Assistant	2	1	1	1
	Total Authorized Positions	6	7	7	7

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 Diversity budget for 2014 totals \$526,100, which is \$2,700 or 0.5% above the amount adopted for 2013.

Payroll: \$2,700

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

Operations: \$0

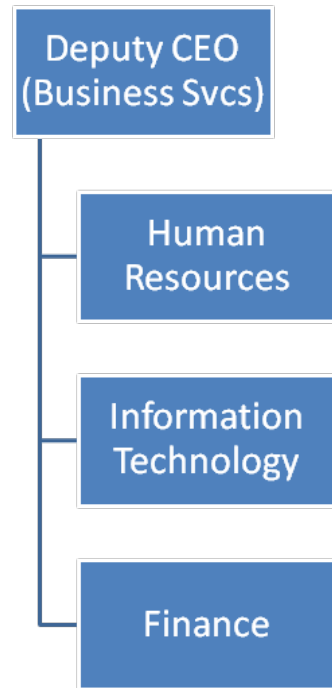
- There are no budgetary changes.

Diversity

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	417,300	284,500	111,200	287,200
501201	Overtime	102	-	-	-
501301	Temporary Help	98,690	100,900	100,900	100,900
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	400	-	-	-
	Total Payroll	516,492	385,400	212,100	388,100
	<u>Operations</u>				
502107	Office Supplies & Expenses	1,420	1,500	1,500	1,500
502270	Seminars & Conventions	2,755	4,000	4,000	4,000
502271	Dues-Professional Associations	1,153	1,000	1,000	1,000
502272	Books & Subscriptions	165	500	500	500
502274	Meeting Expenses	4,742	6,000	6,000	6,000
502278	Business Travel	172	2,000	2,000	2,000
502296	Consultant Services	19,769	20,000	20,000	20,000
502625	Public Education & Information	520	3,000	3,000	3,000
502650	Diversity Programs	34,897	100,000	100,000	100,000
	Total Operations	65,592	138,000	138,000	138,000
	Total Expenditure Classification	582,084	523,400	350,100	526,100
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	285,221	256,500	171,500	257,800
	Water Revenues 51%	296,863	266,900	178,600	268,300
	Total Funding Allocation	582,084	523,400	350,100	526,100
	<u>Authorized Positions</u>				
	Director of Diversity	1	1	1	1
	Diversity Manager	1	1	1	1
	Executive Assistant	1	-	-	-
	Special Services Administrator	1	-	-	-
	Total Authorized Positions	4	2	2	2

Deputy CEO (Business Services)

Human Resources
Information Technology
Finance

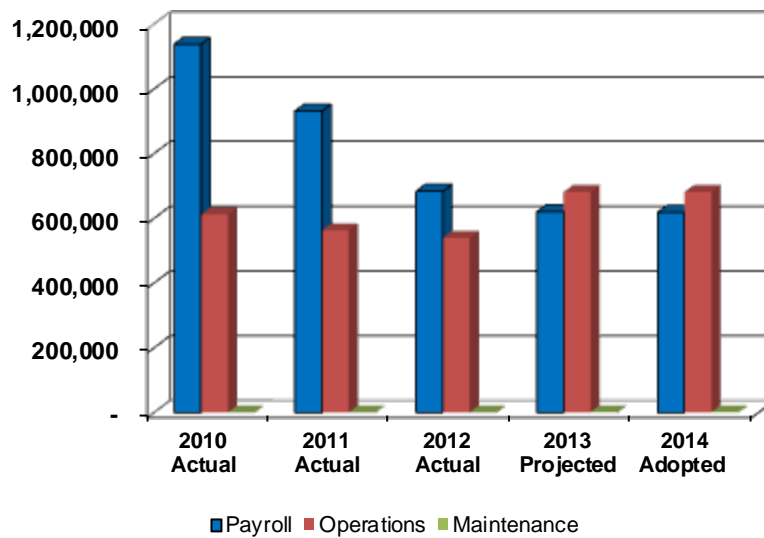


Human Resources

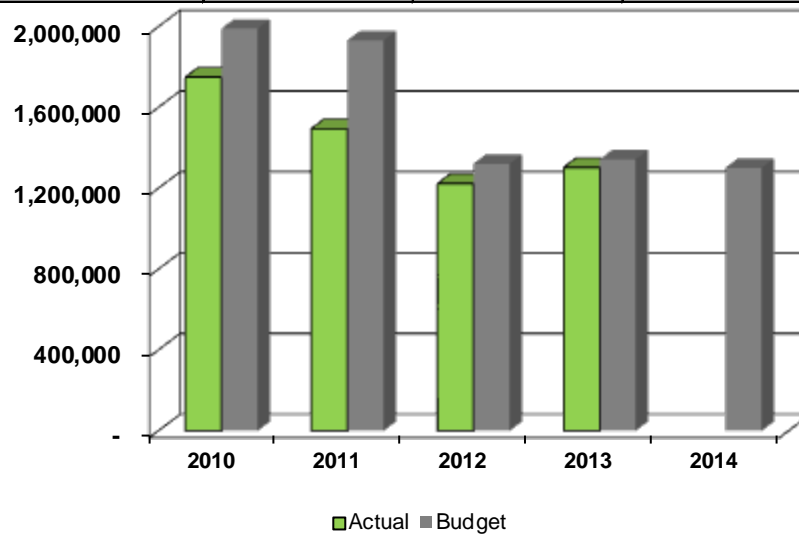


Human Resources

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	1,138,088	931,536	683,284	620,300	618,500
Operations	611,984	563,217	539,784	681,000	681,000
Maintenance	-	-	-	1,200	1,200
Total	1,750,071	1,494,752	1,223,068	1,302,500	1,300,700



	2010	2011	2012	2013	2014
Actual	1,750,071	1,494,752	1,223,068	1,302,500	
Budget	1,989,400	1,931,400	1,320,400	1,341,600	1,300,700
Variance	(239,329)	(436,648)	(97,332)	(39,100)	

Administration**Description**

The Human Resources Manager 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; customer service; 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 2014 budget for the Human Resources department totals \$1,300,700, a decrease of \$40,900 or 3.0% below the adopted budget level for 2013.

Payroll: (\$40,900)

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred to Finance Administration (1810015).

Operations: \$0

- Expenses are expected to be at the 2013 adopted level.

Maintenance: \$0

- Expenses are expected to be at the 2013 adopted level.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	654,327	656,600	618,300	615,700
501201	Overtime	2,808	2,000	1,200	2,000
501301	Temporary Help	25,000	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	1,150	800	800	800
	Total Payroll	683,284	659,400	620,300	618,500
	<u>Operations</u>				
502012	Microfilm-Microfiche	-	2,500	2,500	2,500
502027	Mileage Reimbursement	9	500	500	500
502107	Office Supplies & Expenses	4,266	10,000	10,000	10,000
502118	Employee Testing & Recruiting	42,592	45,000	45,000	45,000
502225	Employee Tuition	66,682	130,000	130,000	130,000
502270	Seminars & Conventions	840	5,000	5,000	5,000
502271	Dues-Professional Associations	4,020	6,000	6,000	6,000
502272	Books & Subscriptions	589	1,000	1,000	1,000
502273	Employee Education Program	134,505	350,000	350,000	330,000
502275	Employee Activities	15,784	47,500	47,500	47,500
502279	Employee Services	9,907	10,000	10,000	10,000
502280	Grievance Expenses	7,734	3,500	3,500	3,500
502287	Outside Services	24,228	-	-	-
502293	Medical Services	33,390	20,000	20,000	40,000
502296	Consultant Services	179,638	45,000	45,000	45,000
502650	Diversity Programs	15,600	5,000	5,000	5,000
	Total Operations	539,784	681,000	681,000	681,000
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	1,200	1,200	1,200
	Total Maintenance	-	1,200	1,200	1,200
	Total Expenditure Classification	1,223,068	1,341,600	1,302,500	1,300,700
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	599,303	657,400	638,200	637,300
	Water Revenues 51%	623,765	684,200	664,300	663,400
	Total Funding Allocation	1,223,068	1,341,600	1,302,500	1,300,700

Human Resources

1510015

Administration

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Director of Human Resources	-	1	1	1
Human Resources Manager	1	-	-	-
Administrative Assistants	1	1	1	1
Community Affairs Assistant	-	1	1	-
Human Resources Generalists	-	-	-	3
Manager of Labor Relations	1	1	1	1
Human Resources Officer	2	1	1	-
Principal Human Resources Officer	1	1	1	-
Technical Human Resources Officer	1	1	1	-
<i>Total Authorized Positions</i>	7	7	7	6

Information Technology

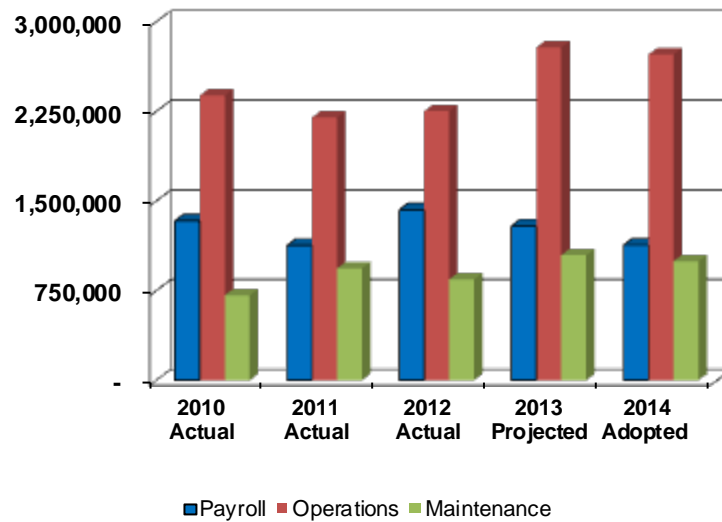
Administration

Information
Technology

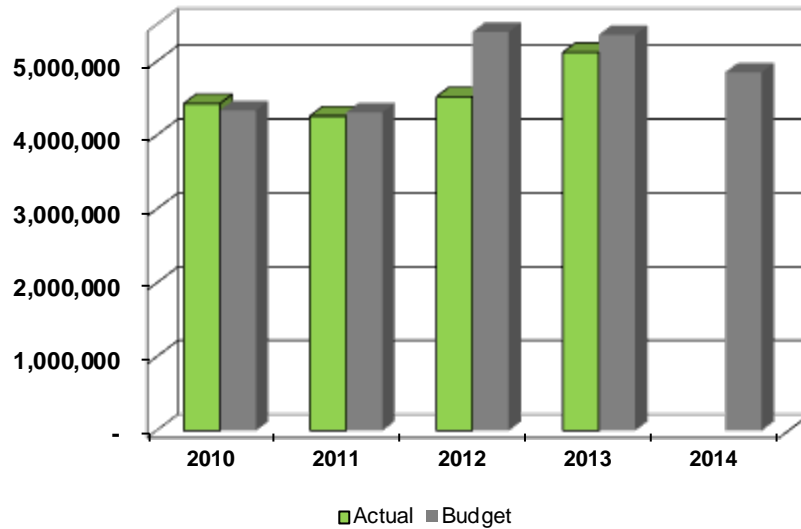
Administration

Information Technology

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	1,334,657	1,128,945	1,427,171	1,292,000	1,131,800
Operations	2,383,532	2,198,540	2,251,395	2,784,900	2,726,100
Maintenance	711,191	935,408	844,270	1,046,800	995,000
Total	4,429,380	4,262,894	4,522,836	5,123,700	4,852,900



	2010	2011	2012	2013	2014
Actual	4,429,380	4,262,894	4,522,836	5,123,700	
Budget	4,336,500	4,308,400	5,401,100	5,360,900	4,852,900
Variance	92,880	(45,506)	(878,264)	(237,200)	

Information Technology

Summary

Description

Information Technology consists of Administration which is responsible for District-wide information storage, communication and computing systems.

Budget Commentary

The Information Technology budget totals \$4,852,900, which reflects a decrease of \$508,000 or 9.5% below the expenditure level adopted for the 2013 year. Details regarding the budget that comprise the Information Technology Department are on subsequent pages.

Information Technology

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	3,850,304	4,642,500	4,456,100	4,852,900
GIS	672,532	718,400	667,600	-
Total Summary by Activity	4,522,836	5,360,900	5,123,700	4,852,900
<u>Summary by Major Accounts</u>				
Payroll				
Regular Pay	1,287,483	1,473,200	1,185,100	1,078,200
Overtime	134,213	50,000	100,900	50,000
Temporary Help	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	5,475	6,000	6,000	3,600
Total Payroll	1,427,171	1,529,200	1,292,000	1,131,800
Operations	2,251,395	2,784,900	2,784,900	2,726,100
Maintenance	844,270	1,046,800	1,046,800	995,000
Total Summary by Major Accounts	4,522,836	5,360,900	5,123,700	4,852,900
<u>Funding Allocation</u>				
Sewer Revenues 33%	1,492,536	1,769,100	1,690,800	1,601,500
Water Revenues 67%	3,030,300	3,591,800	3,432,900	3,251,400
Total Funding Allocation	4,522,836	5,360,900	5,123,700	4,852,900
<u>Authorized Positions</u>				
Administration	10	10	10	11
GIS	9	8	8	-
Total Authorized Positions	19	18	18	11

Administration**Description**

The Information Technology Department plans, develops, applies and sustains a District-wide client/server system for integrated information storage, communication and computing. IT provides technical support, user training/assistance, applications development and network management for all departments. IT is also responsible for mailing and copying services for the District.

Budget Commentary

The Information Technology budget in 2014 is \$4,852,900, which is \$210,400 or 4.5% above the adopted 2013 level.

Payroll: \$210,400

- *Regular Pay* includes increments and cost-of-living increases. A durational position has been added to this department.
- *Longevity expenses* have decreased based upon participation.

Operations: \$0

- Expenses are expected to be at the 2013 adopted level.

Maintenance: \$0

- Expenses are expected to be at the 2013 adopted level.

Administration

Commitment		2012	2013	2013	2014
Item	Expenditure Classification	Actual	Adopted	Projected	Adopted
	<u>Payroll</u>				
501101	Regular Pay	630,019	867,200	630,700	1,078,200
501201	Overtime	134,162	50,000	100,100	50,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	3,150	4,200	4,200	3,600
	Total Payroll	767,331	921,400	735,000	1,131,800
	<u>Operations</u>				
502017	Postage	380,224	391,000	391,000	391,000
502026	Clothing & Apparel	300	-	-	-
502027	Mileage Reimbursement	-	500	500	500
502107	Office Supplies & Expenses	127	6,000	6,000	6,000
502109	Photocopy Supplies	17,713	40,000	40,000	40,000
502170	Website Expenses	7,528	10,000	10,000	10,000
502250	Envelopes	22,099	44,000	44,000	44,000
502270	Seminars & Conventions	1,500	8,000	8,000	58,000
502271	Dues-Professional Associations	1,649	2,000	2,000	2,000
502272	Books & Subscriptions	-	2,000	2,000	2,000
502286	System Support	151,579	220,000	220,000	220,000
502287	Outside Services	134,707	116,400	116,400	116,400
502313	Photocopier Rental	178,630	192,000	192,000	192,000
502319	Equipment Rental	112,375	150,000	150,000	150,000
502353	Telephone - Data & Voice	703,636	860,000	860,000	860,000
502358	Mobile Communications	357,923	384,200	384,200	384,200
502416	Computer Equipment & Supplies	172,091	300,000	300,000	250,000
	Total Operations	2,242,080	2,726,100	2,726,100	2,726,100
	<u>Maintenance</u>				
503216	Infrastructure Equipment	115,123	-	-	-
503217	Infrastructure Software	725,769	995,000	995,000	995,000
	Total Maintenance	840,892	995,000	995,000	995,000
	Total Expenditure Classification	3,850,304	4,642,500	4,456,100	4,852,900
	<u>Funding Allocation</u>				
	Sewer Revenues 33%	1,270,600	1,532,000	1,470,500	1,601,500
	Water Revenues 67%	2,579,703	3,110,500	2,985,600	3,251,400
	Total Funding Allocation	3,850,304	4,642,500	4,456,100	4,852,900

Administration

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Director of Information Technology	1	1	1	1
Systems Analyst	4	4	4	3
Network Analyst	2	2	2	2
Help Desk Coordinator	-	-	-	1
Duplicating Services Operator 2	-	1	1	1
Administrative Assistant	1	1	1	1
Duplicating Services Operator	1	-	-	-
Database Administrator	1	1	1	1
<i>Total Authorized Positions</i>	10	10	10	11

GIS Services**Description**

The GIS Services department was transferred to Engineering & Planning – GIS (2050015) budget in 2014. The following information has been provided for information purposes only.

GIS Services

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	657,464	606,000	554,400	-
501201	Overtime	51	-	800	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	2,325	1,800	1,800	-
	Total Payroll	659,840	607,800	557,000	-
	<u>Operations</u>				
502015	Photogrammetry	-	5,000	5,000	-
502047	Lithographic/Map Reproduction	-	1,000	1,000	-
502105	Laboratory Supplies	-	2,000	2,000	-
502107	Office Supplies & Expenses	1,034	3,000	3,000	-
502115	Computer Software	-	16,600	16,600	-
502255	Blueprints, Maps, & Charts	8,280	-	-	-
502270	Seminars & Conventions	-	700	700	-
502271	Dues-Professional Associations	-	500	500	-
502287	Outside Services	-	10,000	10,000	-
502416	Computer Equipment & Supplies	-	20,000	20,000	-
	Total Operations	9,315	58,800	58,800	-
	<u>Maintenance</u>				
503207	Tool & Work Equipment	-	1,600	1,600	-
503215	GIS Support Maintenance	3,378	50,200	50,200	-
	Total Maintenance	3,378	51,800	51,800	-
	Total Expenditure Classification	672,532	718,400	667,600	-
	<u>Funding Allocation</u>				
	Sewer Revenues 33%	221,936	237,100	220,300	-
	Water Revenues 67%	450,596	481,300	447,300	-
	Total Funding Allocation	672,532	718,400	667,600	-
	<u>Authorized Positions</u>				
	Principal GIS Analyst	2	2	2	-
	GIS Analyst	1	1	1	-
	Cartographer	1	-	-	-
	Mapping Technician	3	3	3	-
	Engineering Drafter	1	1	1	-
	Sr. Engineering Drafter	1	1	1	-
	Total Authorized Positions	9	8	8	-

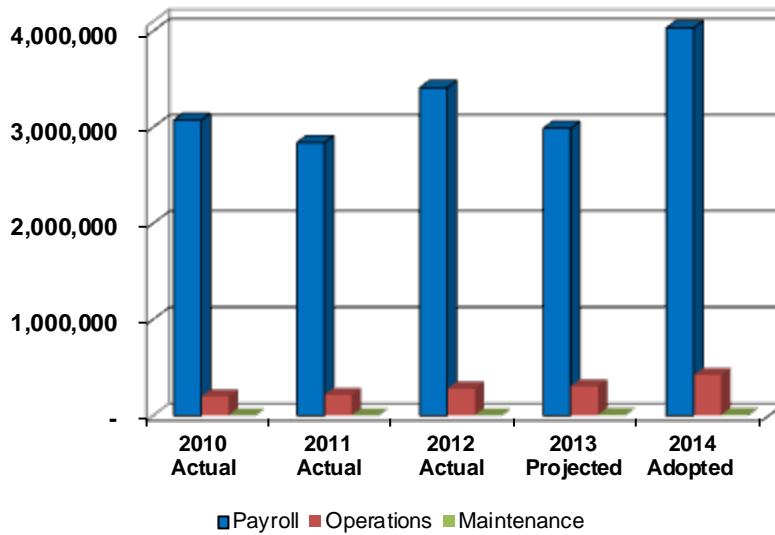
Finance

Administration
Financial Control
Treasury
Budget Unit
Procurement
Project Controls

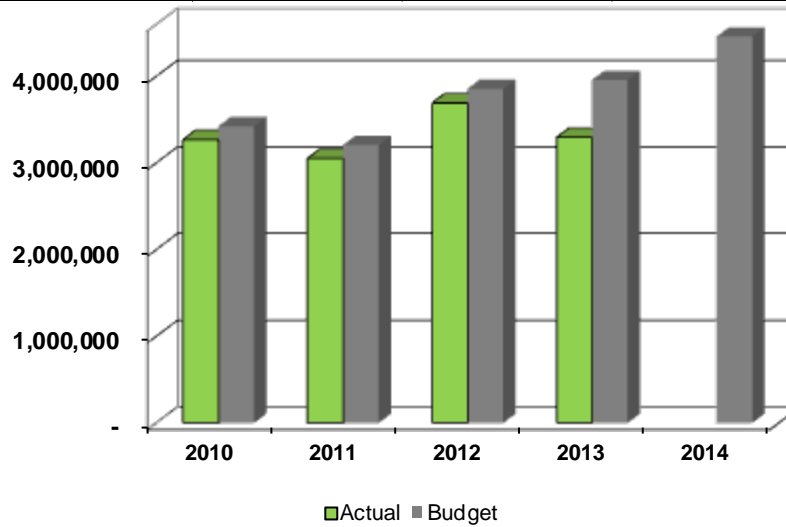


Finance

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	3,070,929	2,838,690	3,412,236	2,986,700	4,031,400
Operations	197,267	213,409	277,711	301,600	419,300
Maintenance	-	-	1,383	5,400	5,400
Total	3,268,195	3,052,099	3,691,329	3,293,700	4,456,100



	2010	2011	2012	2013	2014
Actual	3,268,195	3,052,099	3,691,329	3,293,700	
Budget	3,422,300	3,204,300	3,853,300	3,956,300	4,456,100
Variance	(154,105)	(152,201)	(161,971)	(662,600)	

Finance

Summary

Description

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

Budget Commentary

The Finance budget for 2014 is \$4,456,100, which is \$499,800 or 12.6% above the adopted budget level for 2013. Budget details for the activities comprising the Finance Department follow.

Finance

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	280,153	284,200	263,700	356,300
Financial Control	1,047,853	969,400	764,300	1,383,400
Treasury	862,530	1,132,900	889,500	1,108,200
Budget Unit	350,574	401,900	369,100	598,800
Procurement	690,061	682,700	550,200	871,400
Project Controls	460,158	485,200	456,900	138,000
Total Summary by Activity	3,691,329	3,956,300	3,293,700	4,456,100
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	3,257,090	3,579,000	2,934,700	3,969,600
Overtime	142,678	55,000	36,700	50,000
Temporary Help	-	-	-	-
Standby & Premium Pay	4,880	7,500	7,500	5,000
Longevity Pay	7,588	7,800	7,800	6,800
Total Payroll	3,412,236	3,649,300	2,986,700	4,031,400
Operations	277,711	301,600	301,600	419,300
Maintenance	1,383	5,400	5,400	5,400
Total Summary by Major Account	3,691,329	3,956,300	3,293,700	4,456,100
<u>Funding Allocation</u>				
Sewer Revenues 49%	1,808,751	1,938,500	1,614,000	2,183,500
Water Revenues 51%	1,882,578	2,017,800	1,679,700	2,272,600
Total Funding Allocation	3,691,329	3,956,300	3,293,700	4,456,100
<u>Authorized Positions</u>				
Administration	1	1	1	2
Financial Control	12	11	11	14
Treasury	12	12	12	12
Budget Unit	4	4	4	6
Procurement	6	6	6	7
Project Controls	5	5	5	1
Total Authorized Positions	40	39	39	42

Administration**Description**

The Finance Department's Administration unit is headed by the Deputy CEO (Business Services), who is responsible for overseeing and directing all District fiscal management and planning programs, as well the Financial Control, Treasury, Budget Unit, Procurement, Project Controls, Human Resources and Information Technology activities.

Budget Commentary

The 2014 budget of \$356,300 for Administration, which is an increase of \$72,100 or 25.4% over the 2013 adopted budget.

Payroll: \$72,100

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred from Human Resources Administration (1510015).

Operations: \$0

- Expenditures are in-line with prior year budget.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	273,376	279,000	258,500	351,100
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	273,376	279,000	258,500	351,100
	<u>Operations</u>				
502027	Mileage Reimbursement	4,957	1,000	1,000	1,000
502107	Office Supplies & Expenses	130	1,000	1,000	1,000
502270	Seminars & Conventions	600	1,800	1,800	1,800
502271	Dues-Professional Associations	1,090	900	900	900
502274	Meeting Expenses	-	500	500	500
	Total Operations	6,777	5,200	5,200	5,200
	Total Expenditure Classification	280,153	284,200	263,700	356,300
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	137,275	139,300	129,200	174,600
	Water Revenues 51%	142,878	144,900	134,500	181,700
	Total Funding Allocation	280,153	284,200	263,700	356,300
	<u>Authorized Positions</u>				
	Deputy CEO (Business Services)	1	1	1	1
	Executive Assistant	-	-	-	1
	Total Authorized Positions	1	1	1	2

Financial Control**Description**

The Financial Control activity comprises the following units: Administration, Accounts Payable, General Accounting, and Payroll.

The Financial Control activity is responsible for payroll accounting; accounts payable; fixed asset records; general ledger accounting; cost accounting; grants accounting; external reporting; internal auditing; sale of materials and used equipment; and management analyses.

Budget Commentary

The Financial Control budget for 2014 totals \$1,383,400, which is an increase of \$414,000 or 42.7% above the level adopted for 2013.

Payroll: \$294,000

- *Regular Pay* includes increments and cost-of-living increases. Two positions were transferred from Finance Project Controls (1860015) and there is a new billing related position.

Operations: \$120,000

- Expenditures for *Outside Services* have been increased to cover payroll related costs.

Financial Control

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	851,776	887,600	690,500	1,181,600
501201	Overtime	84,679	30,000	22,000	30,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	3,125	2,800	2,800	2,800
	Total Payroll	939,580	920,400	715,300	1,214,400
	<u>Operations</u>				
502107	Office Supplies & Expenses	(898)	8,500	8,500	8,500
502270	Seminars & Conventions	2,533	5,000	5,000	5,000
502271	Dues-Professional Associations	1,204	2,000	2,000	2,000
502272	Books & Subscriptions	2,383	1,500	1,500	1,500
502274	Meeting Expenses	158	-	-	-
502278	Business Travel	(186)	-	-	-
502287	Outside Services	101,696	30,000	30,000	150,000
	Total Operations	106,890	47,000	47,000	167,000
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	1,383	2,000	2,000	2,000
	Total Expenditure Classification	1,047,853	969,400	764,300	1,383,400
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	513,448	475,000	374,500	677,900
	Water Revenues 51%	534,405	494,400	389,800	705,500
	Total Funding Allocation	1,047,853	969,400	764,300	1,383,400
	<u>Authorized Positions</u>				
	<u>Administration</u>				
	Manager of Financial Control	1	1	1	1
	Special Projects Administrator	-	1	1	1
	Accounting Administrator	1	-	-	1
	Accountant 2	1	1	1	1
	Accountant	3	3	3	3
	Accounting Assistant	1	1	1	1
	Compliance Analyst	-	-	-	2
	Accounts Payable Supervisor	1	1	1	1
	Principal Account Clerk	3	3	3	3
	Total Authorized Positions	12	11	11	14

Treasury**Description**

The Treasury activity, headed by the Manager of Treasury, is composed of three units: Administration, Revenue Accounting, and Customer Accounting and Risk Services.

The Manager of Treasury is directly involved in the administration of revenue and debt management, which includes cash management, revenue forecasting, and regulatory compliance. Additional responsibilities include: assessment billing; receivables collection; claims management; risk management (insurance and loss control); payroll control and processing; and employee benefits, billings and deductions.

Budget Commentary

The Treasury budget of \$1,108,200 has decreased by \$24,700 or 2.2% as compared to the 2013 approved budget.

Payroll: (\$29,800)

- *Regular Pay* includes increments and cost-of-living increases. The reduction is related to the hiring of staff below budgeted salaries.
- *Overtime* has been reduced based upon expected work load.
- Expenses for *Standby & Premium Pay* are also lower based upon expected work load.
- *Longevity* has been lowered based upon participation

Operations: \$5,100

- Expenses for *Outside Services* have been increased for collection efforts which are offset in part by a reduction in *Printed Forms*.

Maintenance: \$0

- No changes are anticipated.

Treasury

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	785,725	998,100	772,300	976,300
501201	Overtime	30,353	25,000	7,400	20,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	4,880	7,500	7,500	5,000
501601	Longevity Pay	1,825	2,500	2,500	2,000
	Total Payroll	822,783	1,033,100	789,700	1,003,300
<u>Operations</u>					
502026	Clothing & Apparel	300	300	300	300
502107	Office Supplies & Expenses	3,100	4,400	4,400	4,500
502251	Printed Forms	4,857	10,800	10,800	3,800
502270	Seminars & Conventions	60	5,000	5,000	5,000
502271	Dues-Professional Associations	250	2,000	2,000	2,400
502272	Books & Subscriptions	1,009	1,400	1,400	1,500
502287	Outside Services	30,171	72,500	72,500	84,000
	Total Operations	39,747	96,400	96,400	101,500
<u>Maintenance</u>					
503203	Office Furniture & Equipment	-	3,400	3,400	3,400
	Total Expenditure Classification	862,530	1,132,900	889,500	1,108,200
<u>Funding Allocation</u>					
	Sewer Revenues 49%	422,640	555,100	435,900	543,000
	Water Revenues 51%	439,890	577,800	453,600	565,200
	Total Funding Allocation	862,530	1,132,900	889,500	1,108,200
<u>Authorized Positions</u>					
	Manager of Treasury	1	1	1	1
	Administrative Analyst	-	-	-	1
	Management Analyst	2	1	1	1
	Receivables Administrator	1	1	1	-
	Accounting Assistant	1	1	1	1
	Principal Account Clerk	1	1	1	1
	Cash Management Analyst	-	1	1	1
	Accounting Assistant I	-	1	1	1
	Account Clerk	1	-	-	-
	Collection Specialist	1	-	-	-
	Treasury Receivables Specialist	-	1	1	2
	Claims Agent	1	1	1	1
	Risk Services Analyst	1	1	1	1
	Senior Customer Service Representative	1	1	1	-
	Customer Service Representative	1	1	1	1
	Total Authorized Positions	12	12	12	12

Budget Unit**Description**

The Budget Unit, headed by the Manager of Budgeting and Analysis, is responsible for the annual budget and budget reporting, and the development, analysis and monitoring of various budget programs.

Budget Commentary

The Budget Unit 2014 budget of \$598,800 is increasing by \$196,900 or 49.0% above the 2013 level.

Payroll: \$196,900

- *Regular Pay* includes increments and cost-of-living increases. Two positions were transferred from Finance Project Controls (1860015).
- *Longevity* has been increased due participation.

Operations: \$0

- Expenses are expected to be in-line with historical amounts.

Budget Unit

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	338,580	388,900	356,100	585,200
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	538	300	300	900
	Total Payroll	339,117	389,200	356,400	586,100
	<u>Operations</u>				
502107	Office Supplies & Expenses	130	1,000	1,000	1,000
502259	Other Printing	11,328	11,400	11,400	11,400
502271	Dues-Professional Associations	-	300	300	300
	Total Operations	11,457	12,700	12,700	12,700
	Total Expenditure Classification	350,574	401,900	369,100	598,800
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	171,781	196,900	180,900	293,400
	Water Revenues 51%	178,793	205,000	188,200	305,400
	Total Funding Allocation	350,574	401,900	369,100	598,800
	<u>Authorized Positions</u>				
	Manager of Budgeting & Analysis	1	1	1	1
	Special Projects Administrator	-	1	1	1
	Senior Financial Analyst	1	1	1	1
	Management Analyst	2	1	1	3
	Total Authorized Positions	4	4	4	6

Procurement**Description**

The Procurement activity is headed by the Director of Procurement. Procurement is responsible for the procuring of goods and services at the lowest cost of ownership to support the operations of the Metropolitan District in compliance with our Charter and Ordinances, Local, State and Federal regulations.

Budget Commentary

The 2014 Procurement budget is \$871,400, which is an increase of \$188,700 or 27.6% above the 2013 adopted level.

Payroll: \$196,100

- *Regular Pay* includes increments and cost-of-living increases. A position was added for a Manager of Strategic Sourcing / Inventory Control.
- *Longevity* has been decreased based upon participation.

Operations: (\$7,400)

- *Outside Services* expenses are anticipated to be lower.

Procurement

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	548,221	547,000	407,200	744,200
501201	Overtime	27,646	-	7,300	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	1,850	1,900	1,900	800
	Total Payroll	577,717	548,900	416,400	745,000
	<u>Operations</u>				
502008	Legal Advertising	11,910	15,000	15,000	15,000
502027	Mileage Reimbursement	-	500	500	300
502107	Office Supplies & Expenses	2,907	3,200	3,200	3,000
502270	Seminars & Conventions	2,733	5,600	5,600	5,600
502271	Dues-Professional Associations	220	1,000	1,000	1,000
502272	Books & Subscriptions	238	1,000	1,000	1,000
502274	Meeting Expenses	357	500	500	500
502278	Business Travel	9	2,000	2,000	2,000
502287	Outside Services	61,357	65,000	65,000	58,000
502650	Diversity Programs	32,613	40,000	40,000	40,000
	Total Operations	112,344	133,800	133,800	126,400
	Total Expenditure Classification	690,061	682,700	550,200	871,400
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	338,130	334,500	269,600	427,000
	Water Revenues 51%	351,931	348,200	280,600	444,400
	Total Funding Allocation	690,061	682,700	550,200	871,400
	<u>Authorized Positions</u>				
	Procurement Manager	1	1	1	-
	Director of Procurement	-	-	-	1
	Manager of Strategic Sourcing	-	-	-	1
	Purchasing Agent	1	1	1	-
	Senior Buyer	1	1	1	1
	Buyer	1	1	1	1
	Contract Specialist	2	2	2	3
	Total Authorized Positions	6	6	6	7

Project Controls**Description**

The Project Controls Unit, headed by the Project Controls Manager, is responsible for the oversight of the Clean Water Project including financial analysis, data management, compliance, monitoring, and reporting. The department also develops state and federal funding applications and administers grant and loan funding awards for the Clean Water Project and Capital Improvement Program projects.

Budget Commentary

The Project Controls budget for 2014 is \$138,000 a decrease of \$347,200 or 71.6% below the 2013 adopted level.

Payroll: (\$347,200)

- *Regular Pay* includes increments and cost-of-living increases. Two positions were transferred to Finance Financial Control (1820015) and two positions were transferred to Finance Budget (1840015).

Operations: \$0

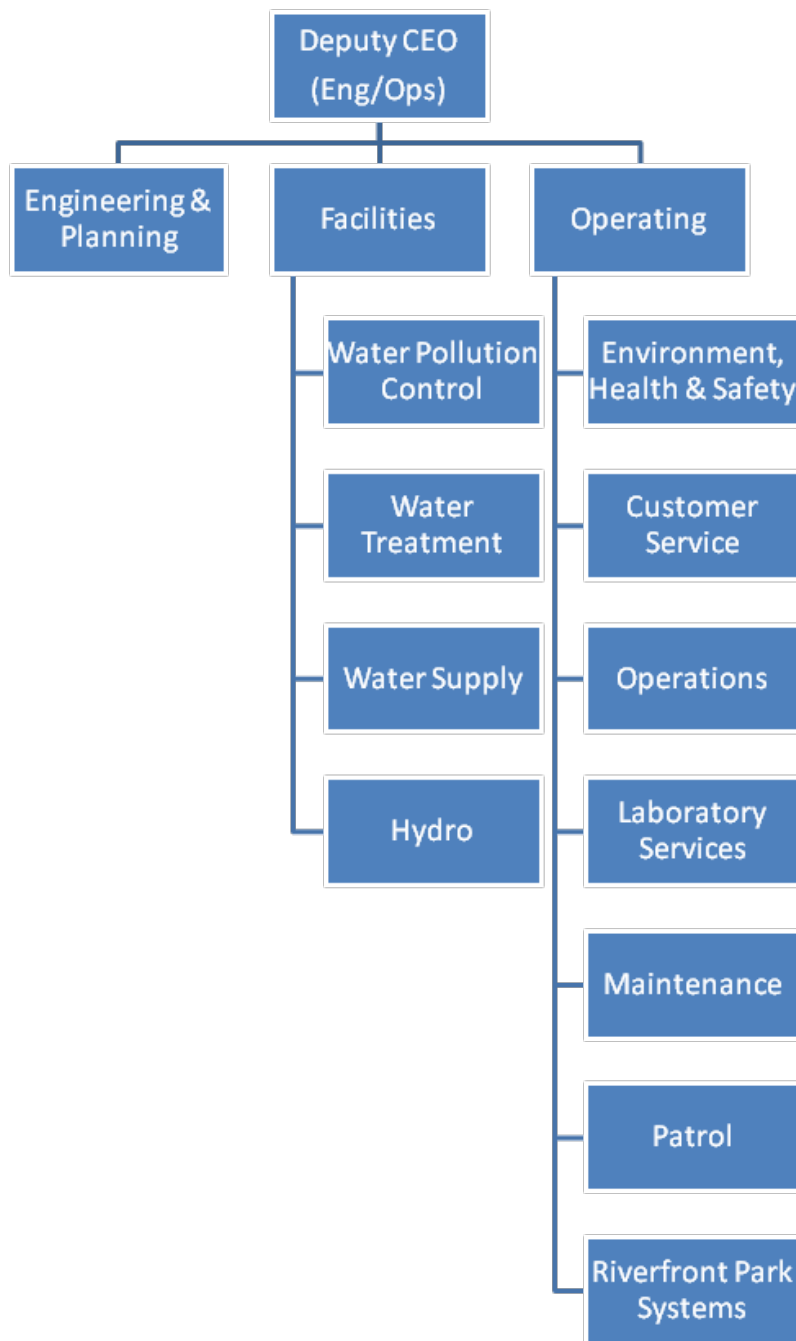
- Expenses are deemed to be sufficient for 2014.

Project Controls

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	459,412	478,400	450,100	131,200
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	250	300	300	300
	Total Payroll	459,662	478,700	450,400	131,500
	<u>Operations</u>				
502026	Clothing & Apparel	37	200	200	200
502027	Mileage Reimbursement	386	2,900	2,900	2,900
502107	Office Supplies & Expenses	-	2,000	2,000	2,000
502270	Seminars & Conventions	-	1,000	1,000	1,000
502271	Dues-Professional Associations	-	300	300	300
502272	Books & Subscriptions	74	100	100	100
	Total Operations	496	6,500	6,500	6,500
	Total Expenditure Classification	460,158	485,200	456,900	138,000
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	225,478	237,700	223,900	67,600
	Water Revenues 51%	234,681	247,500	233,000	70,400
	Total Funding Allocation	460,158	485,200	456,900	138,000
	<u>Authorized Positions</u>				
	Project Control Manager	1	1	1	1
	Management Analyst	4	4	4	-
	Total Authorized Positions	5	5	5	1

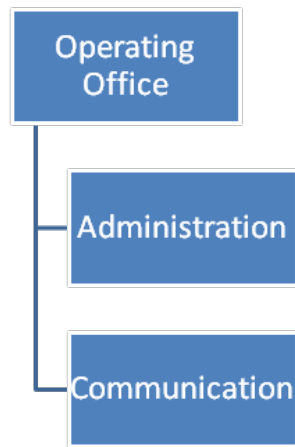
Deputy CEO (Engineering/Operations)

Engineering & Planning
Environment, Health & Safety
Customer Service
Operations
Laboratory Services
Water Pollution Control
Maintenance
Water Treatment
Water Supply
Patrol
Riverfront Park Systems
Hydro



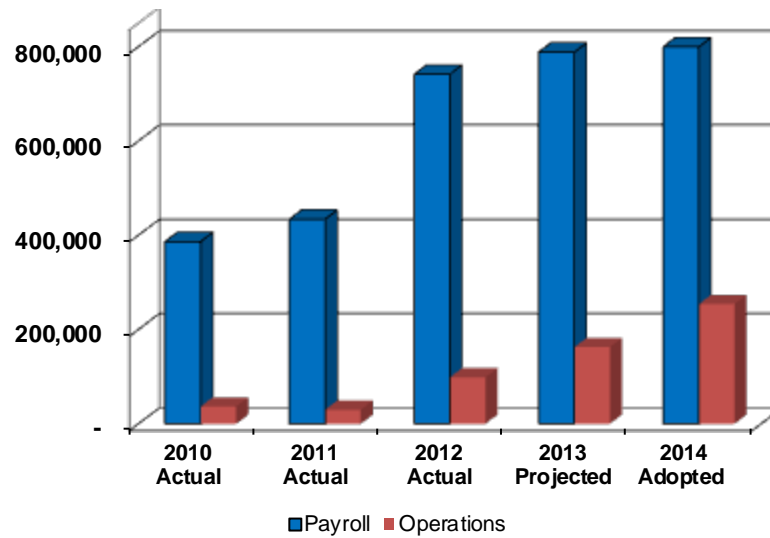
Operating Office

Administration
Communications

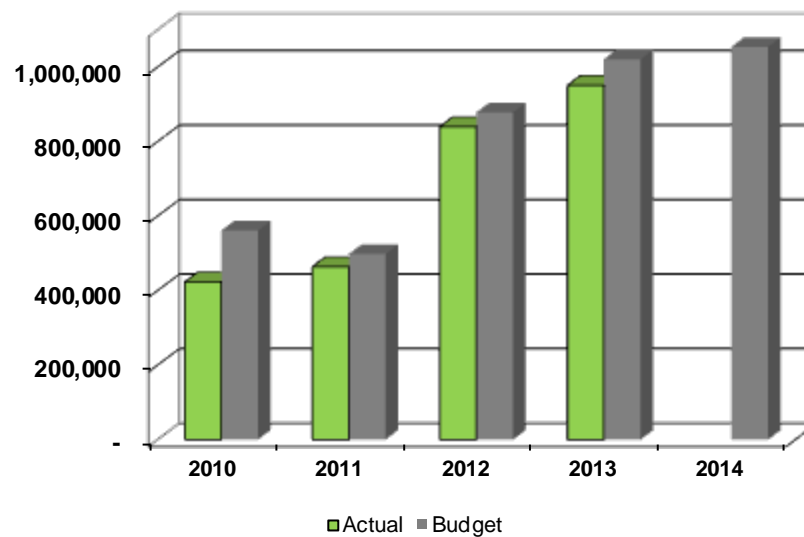


Operating Office

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	386,512	434,205	741,442	788,500	799,900
Operations	36,673	29,939	98,423	162,600	254,000
Maintenance	-	-	-	-	-
Total	423,185	464,144	839,865	951,100	1,053,900



	2010	2011	2012	2013	2014
Actual	423,185	464,144	839,865	951,100	
Budget	560,700	497,600	877,700	1,020,700	1,053,900
Variance	(137,515)	(33,456)	(37,835)	(69,600)	

Operating Office

Summary

Description

The Operating Office is managed by the Deputy CEO (Engineering & Operations) who is responsible for overseeing all of the District's Operating departments: Engineering and Planning, Environment, Health & Safety, Customer Service, Operations, Laboratory Services, Water Pollution Control, Maintenance, Water Treatment, Water Supply, Patrol, Riverfront Park Systems and Hydro. The Operating Office also includes a Communications department.

Budget Commentary

The Operating Office budget for 2014 totals \$1,053,900, which is \$33,200 or 3.3% above the 2013 adopted level. Budget details for the activities comprising the Operating Office follow.

Operating Office

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Summary by Activity				
Administration	601,684	662,600	610,200	688,200
Communication	238,181	358,100	340,900	365,700
Total Summary by Activity	839,865	1,020,700	951,100	1,053,900
Summary by Major Account				
Payroll				
Regular Pay	739,598	856,300	786,700	799,200
Overtime	195	-	-	-
Temporary	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	1,650	1,800	1,800	700
Total Payroll	741,442	858,100	788,500	799,900
Operations	98,423	162,600	162,600	254,000
Total Summary by Major Account	839,865	1,020,700	951,100	1,053,900
Funding Allocation				
Sewer Revenues 49%	411,534	500,200	466,000	516,400
Water Revenues 51%	428,331	520,500	485,100	537,500
Total Funding Allocation	839,865	1,020,700	951,100	1,053,900
Authorized Positions				
Administration	4	4	4	4
Communicaiton	2	3	3	2
Total Authorized Positions	6	7	7	6

Description

The Operating Office managed by the Deputy CEO (Engineering & Operations) is responsible for overseeing all of the District's Operating departments: Environment, Health & Safety, Engineering and Planning, Customer Service, Operations, Laboratory Services, Water Pollution Control, Maintenance, Water Treatment, Water Supply, Patrol, Riverfront Park Systems and Hydro.

Budget Commentary

The Operating Office Administrative budget for 2014 totals \$688,200, increasing by \$25,600 or 3.9%.

Payroll: \$30,500

- *Regular Pay* includes increments and cost-of-living increases.
- *Longevity* has been reduced based upon participation.

Operations: (\$4,900)

- *Expenses for Office Supplies & Expenses and Meeting Expenses* are expected to be lower.

Operating Office

Administration

4010015

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	544,712	569,600	517,200	600,400
501201	Overtime	195	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	600	700	700	400
	Total Payroll	545,506	570,300	517,900	600,800
<u>Operations</u>					
502026	Clothing & Apparel	1,226	500	500	500
502049	Licenses and Registration	570	900	900	900
502107	Office Supplies & Expenses	15,717	15,000	15,000	12,000
502270	Seminars & Conventions	5,100	11,000	11,000	11,000
502271	Dues-Professional Associations	18,365	15,000	15,000	15,000
502272	Books & Subscriptions	-	900	900	-
502274	Meeting Expenses	5,641	9,000	9,000	8,000
502296	Consultant Services	9,558	40,000	40,000	40,000
	Total Operations	56,178	92,300	92,300	87,400
	Total Expenditure Classification	601,684	662,600	610,200	688,200
<u>Funding Allocation</u>					
	Sewer Revenues 49%	294,825	324,700	299,000	337,200
	Water Revenues 51%	306,859	337,900	311,200	351,000
	Total Funding Allocation	601,684	662,600	610,200	688,200
<u>Authorized Positions</u>					
	Deputy CEO (Eng & Ops)	1	1	1	1
	Director of Operations	-	-	-	1
	Asst. Mgr Operations	1	1	1	-
	Assistant to the COO	1	-	-	-
	Administrative Assistant	-	1	1	1
	Executive Assistant	1	1	1	1
	Total Authorized Positions	4	4	4	4

Communications**Description**

The Communication Department is responsible for the development and implementation of communication and project outreach programs and distribution of materials designed to improve the way project information is relayed to the public as well as internally throughout the District. This group is responsible for the management of 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 which include, but are not limited to, the District bill insert, newsletter, and TV program.

Budget Commentary

The Communication Department budget for 2014 totals \$365,700, increasing by \$7,600 or 2.1% above 2013 adopted levels.

Payroll: (\$88,700)

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred to Technical Services (7930008).
- *Longevity* has been reduced due to participation levels.

Operations: \$96,300

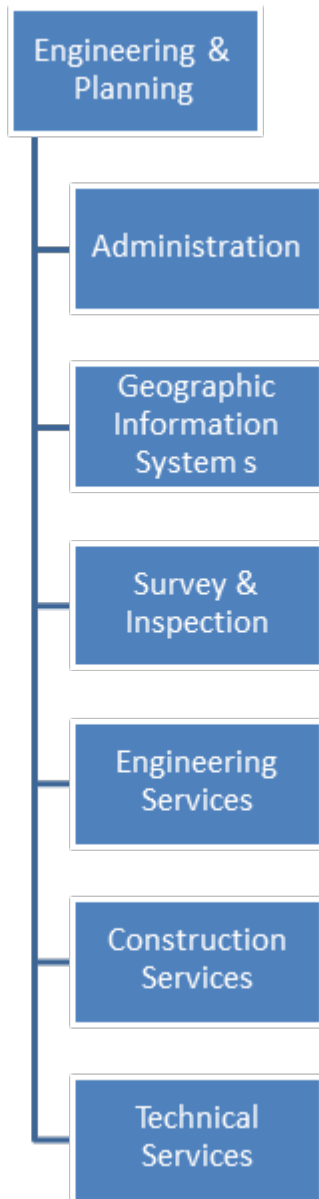
- The increases in expenses are related to items that were previously budgeted in Executive Office – Community Affairs (1220015).

Communications

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	194,886	286,700	269,500	198,800
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	1,050	1,100	1,100	300
	Total Payroll	195,936	287,800	270,600	199,100
<u>Operations</u>					
502001	Advertising	5,145	-	-	5,500
502026	Clothing & Apparel	-	300	300	300
502027	Mileage Reimbursement	-	300	300	300
502107	Office Supplies & Expenses	2,241	1,000	1,000	2,000
502108	Photography/Video Supplies	1,197	1,500	1,500	-
502115	Computer Software	706	500	500	-
502253	Periodic Publications	-	-	-	80,000
502270	Seminars & Conventions	-	1,200	1,200	1,000
502274	Meeting Expenses	3,603	3,000	3,000	3,000
502287	Outside Services	-	-	-	-
502296	Consultant Services	22,547	50,000	50,000	50,000
502625	Public Education & Information	5,126	5,500	5,500	10,500
502630	Promotional Materials	1,680	4,000	4,000	6,000
502633	Youth Education	-	3,000	3,000	8,000
	Total Operations	42,245	70,300	70,300	166,600
	Total Expenditure Classification	238,181	358,100	340,900	365,700
<u>Funding Allocation</u>					
	Sewer Revenues 49%	116,709	175,500	167,000	179,200
	Water Revenues 51%	121,472	182,600	173,900	186,500
	Total Funding Allocation	238,181	358,100	340,900	365,700
<u>Authorized Positions</u>					
	Special Services Admin	2	3	3	2
	Total Authorized Positions	2	3	3	2

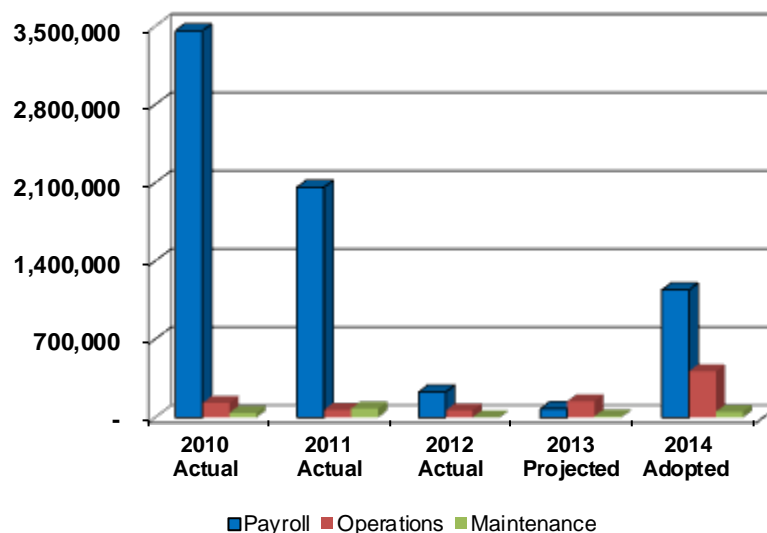
Engineering & Planning

Administration
Geographic Information System Services
Technical Services
Engineering Services
Construction Services
Survey & Inspection

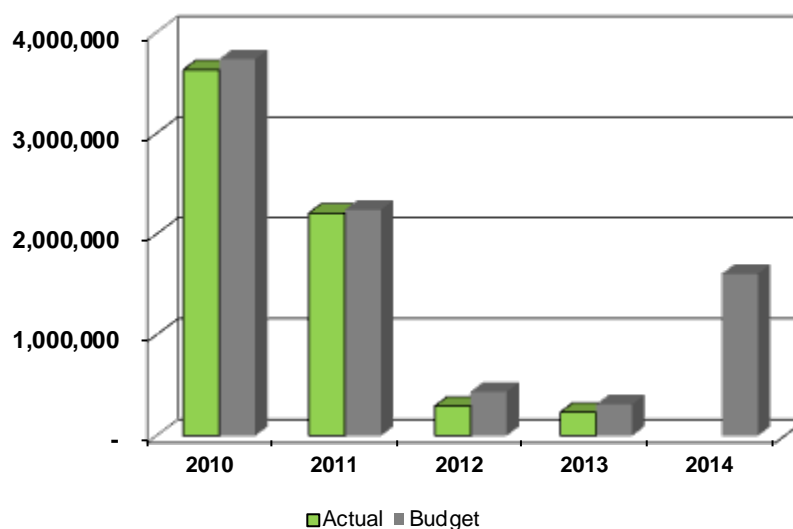


Engineering & Planning

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	3,460,248	2,059,597	227,203	77,200	1,140,500
Operations	128,860	69,646	64,119	144,900	412,400
Maintenance	41,512	79,420	1,234	10,000	51,800
Total	3,630,620	2,208,663	292,557	232,100	1,604,700



	2010	2011	2012	2013	2014
Actual	3,630,620	2,208,663	292,557	232,100	
Budget	3,733,700	2,240,600	434,700	310,400	1,604,700
Variance	(103,080)	(31,937)	(142,143)	(78,300)	

Engineering & Planning

Summary

Description

The Engineering and Planning Department in 2013 consists of: Administration, Geographic Information System Services, Survey & Inspection, Engineering Services, Construction Services and Technical Services.

Budget Commentary

The overall Engineering & Planning budget for 2014 is \$1,604,700 which has increased by \$1,294,300 or 417.0% above the budget level adopted for 2013. The increase is due primarily to the transfer of GIS from Information Systems to Engineering & Planning. Budget details for the activities comprising the Engineering and Planning department follow.

Engineering & Planning

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	292,557	310,400	232,100	870,200
GIS Services	-	-	-	734,500
Total Summary by Activity	292,557	310,400	232,100	1,604,700
<u>Summary by Major Account</u>				
<u>Payroll</u>				
Regular Pay	225,398	154,500	74,700	1,136,800
Overtime	1,805	1,000	2,500	1,000
Temporary Help	-	-	-	-
Standby & Premium Pay	-	-	-	-
Longevity Pay	-	-	-	2,700
Total Payroll	227,203	155,500	77,200	1,140,500
Operations	64,119	144,900	144,900	412,400
Maintenance	1,234	10,000	10,000	51,800
Total Summary by Major Account	292,557	310,400	232,100	1,604,700
<u>Funding Allocation</u>				
Sewer Revenues 49%	143,353	152,100	113,700	786,300
Water Revenues 51%	149,204	158,300	118,400	818,400
Total Funding Allocation	292,557	310,400	232,100	1,604,700
<u>Authorized Positions</u>				
Administration	2	2	2	3
GIS Services	-	-	-	8
Total Authorized Positions	2	2	2	11

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: Technical Services, Engineering Services, Construction Services, Survey & Inspection and Sewer Rehabilitation. 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 and the planning of additional, related improvements.

Budget Commentary

The Engineering and Planning Administration budget for 2014 is \$870,200, which is an increase of \$559,800 or 180.3% above the expenditure level adopted for the 2013.

Payroll: \$361,100

- *Regular Pay* includes increments and cost-of-living increases. The budget includes a full year funding for the Director of Engineering. In addition the Chief of Program Management was transferred from the Clean Water Project (7925400).
- *Overtime* expenses are expected to be lower next year.
- *Longevity* has been increased due to participation.

Operations: \$208,700

- A decrease in the *Clothing & Apparel* is due based on historical spending levels.
- *Materials from Stock* expenses are to be funded by projects.
- *Office Supplies & Expense and Communication Equipment & Supplies* are decreasing based on historical spending levels.
- The increase in *Consultant Services* is based upon the need to fund feasibility studies and other non-capital expenses.
- *Computer Software* expenses are being budgeted in Information Technology.

Maintenance: (\$10,000)

- No expenses are anticipated for 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	225,398	154,500	74,700	515,800
501201	Overtime	1,805	1,000	2,500	500
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	300
	Total Payroll	227,203	155,500	77,200	516,600
<u>Operations</u>					
502011	Meal Allowances	-	500	500	500
502026	Clothing & Apparel	1,972	13,500	13,500	10,000
502027	Mileage Reimbursement	82	600	600	-
502049	Licenses & Registration	9,861	11,100	11,100	11,100
502061	Material from Stock	-	12,000	12,000	12,000
502107	Office Supplies & Expenses	8,974	19,400	19,400	15,000
502108	Photography/Video Supplies	84	1,500	1,500	1,000
502110	Survey & Construction Supplies	25,490	24,000	24,000	24,000
502111	Small Tools	1,438	5,000	5,000	2,500
502112	Communication Equipment & Supplies	-	2,000	2,000	1,000
502115	Computer Software	7,000	14,000	14,000	-
502136	Safety & First Aid Supplies	-	1,000	1,000	1,000
502255	Blueprints, Maps, & Charts	-	2,000	2,000	2,000
502270	Seminars & Conventions	1,163	23,000	23,000	15,000
502271	Dues-Professional Associations	4,173	5,500	5,500	5,500
502272	Books & Subscriptions	282	6,800	6,800	-
502274	Meeting Expenses	702	3,000	3,000	3,000
502287	Outside Services	2,900	-	-	-
502296	Consultant Services	-	-	-	250,000
	Total Operations	64,119	144,900	144,900	353,600
<u>Maintenance</u>					
503203	Office Furniture & Equipment	-	5,000	5,000	-
503207	Tool & Work Equipment	1,234	5,000	5,000	-
	Total Maintenance	1,234	10,000	10,000	-
	Total Expenditure Classification	292,557	310,400	232,100	870,200
<u>Funding Allocation</u>					
	Sewer Revenues 49%	143,353	152,100	113,700	426,400
	Water Revenues 51%	149,204	158,300	118,400	443,800
	Total Funding Allocation	292,557	310,400	232,100	870,200
<u>Authorized Positions</u>					
	Director of Engineering & Planning	1	1	1	1
	Chief of Program Management	-	-	-	1
	Administrative Assistant	1	1	1	-
	Administrative Clerk	-	-	-	1
	Total Authorized Positions	2	2	2	3

GIS Services**Description**

The GIS Services activity is responsible for the development, management and application of the District's Geographic Information System (GIS). The GIS database and its computer capabilities support all departments in the planning, design, operation and maintenance of the District's infrastructure. Additionally, the GIS activity plays a key role in implementing this technology in member towns by providing technical support and application development.

The GIS activity has completed the total automation of the District's mapping services and will continue to update and publish a wide variety of highly detailed maps used by the general public and officials from the public and private sector, including the District's street and utility series, a reservoir trails map, and the MDC and Environs map.

Budget Commentary

The GIS Services 2014 budget is \$734,500. This was previously budgeted in Information Technology – GIS (1720015).

GIS Services

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	621,000
501201	Overtime	-	-	-	500
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	2,400
	Total Payroll	-	-	-	623,900
	<u>Operations</u>				
502015	Photogrammetry	-	-	-	5,000
502047	Lithographic/Map Reproduction	-	-	-	1,000
502105	Laboratory Supplies	-	-	-	2,000
502115	Computer Software	-	-	-	5,000
502255	Blueprints, Maps, & Charts	-	-	-	14,600
502270	Seminars & Conventions	-	-	-	700
502271	Dues-Professional Associations	-	-	-	500
502287	Outside Services	-	-	-	10,000
502416	Computer Equipment & Supplies	-	-	-	20,000
	Total Operations	-	-	-	58,800
	<u>Maintenance</u>				
503207	Tool & Work Equipment	-	-	-	1,600
503215	GIS Support Maintenance	-	-	-	50,200
	Total Maintenance	-	-	-	51,800
	Total Expenditure Classification	-	-	-	734,500
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	-	-	-	359,900
	Water Revenues 51%	-	-	-	374,600
	Total Funding Allocation	-	-	-	734,500
	<u>Authorized Positions</u>				
	Principal GIS Analyst	-	-	-	2
	GIS Analyst	-	-	-	1
	Mapping Technician	-	-	-	3
	Engineering Drafter	-	-	-	1
	Sr. Engineering Drafter	-	-	-	1
	Total Authorized Positions	-	-	-	8

Survey & Inspection**Description/Budget Commentary**

The Survey & Inspection department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 31 positions budgeted for the full year 2014 Capital Improvement Program budget.

Engineering Services**Description/Budget Commentary**

The Engineering Services department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 15 positions budgeted for the full year 2014 Capital Improvement Program budget.

Construction Services**Description/Budget Commentary**

The Construction Services department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 17 positions budgeted for the full year 2014 Capital Improvement Program budget.

Technical Services**Description/Budget Commentary**

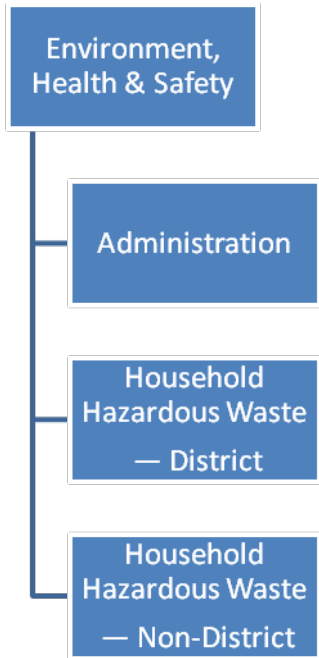
The Technical Services department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 13 positions budgeted for the full year 2014 Capital Improvement Program budget.

Environment, Health & Safety

Administration

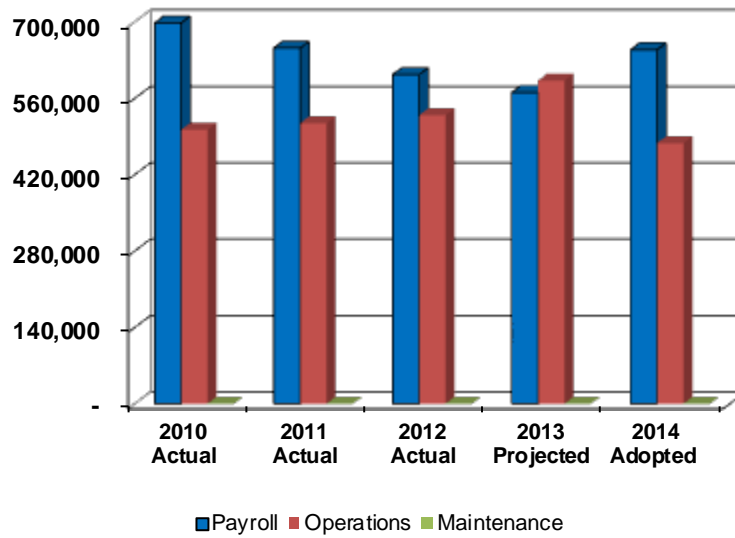
Household Hazardous Waste — District

Household Hazardous Waste — Non-District

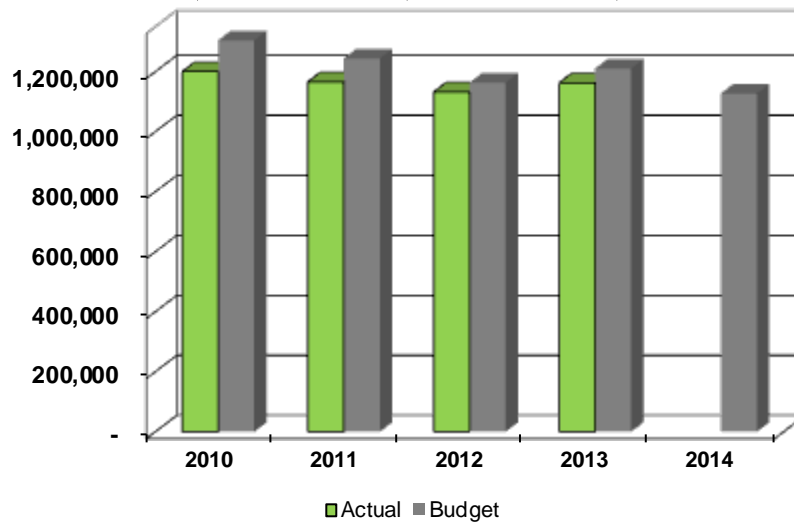


Environment, Health & Safety

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	697,907	651,922	603,229	570,400	648,800
Operations	502,285	514,153	528,792	592,300	477,800
Maintenance	-	-	-	-	-
Total	1,200,192	1,166,075	1,132,022	1,162,700	1,126,600



	2010	2011	2012	2013	2014
Actual	1,200,192	1,166,075	1,132,022	1,162,700	
Budget	1,304,100	1,243,900	1,162,900	1,209,800	1,126,600
Variance	(103,908)	(77,825)	(30,878)	(47,100)	

Environment, Health & Safety

Summary

Description

The Environment, Health & Safety Department consists of three major activities: Administration, Household Hazardous Waste-District and Household Hazardous Waste-Non-District. A detailed 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 budget for 2014 totals \$1,126,600, which is \$83,200 or 6.9% below the 2013 adopted level. Budget details for the activities comprising the Environment, Health & Safety Department follow.

Environment, Health & Safety

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	679,170	803,300	756,200	798,700
Household Hazardous Waste - District	198,198	241,800	241,800	242,900
Household Hazardous Waste - Non-Distr	254,654	164,700	164,700	85,000
Total Summary by Activity	1,132,022	1,209,800	1,162,700	1,126,600
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	586,893	604,600	557,500	621,700
Overtime	14,911	11,300	11,300	9,500
Pay Temporary	-	-	-	16,000
Standby & Premium Pay	-	-	-	-
Longevity Pay	1,425	1,600	1,600	1,600
Total Payroll	603,229	617,500	570,400	648,800
Operations	528,792	592,300	592,300	477,800
Total Summary by Major Account	1,132,022	1,209,800	1,162,700	1,126,600
<u>Funding Allocation</u>				
Sewer Revenues 49%	554,690	592,800	569,700	552,100
Water Revenues 51%	577,332	617,000	593,000	574,500
Total Funding Allocation	1,132,022	1,209,800	1,162,700	1,126,600
<u>Authorized Positions</u>				
Administration	6	6	6	6

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 Environment, Health & Safety Department is responsible for OSHA compliance, environmental permits and Consent Order compliance, FOG program, safety training, environmental reporting and the Household Hazardous Waste Program.

Budget Commentary

The Environment, Health & Safety budget for 2014 totals \$798,700, which is a decrease of \$4,600 or 0.6% above the 2013 adopted level.

Payroll: \$33,100

- *Regular Pay* includes increments and cost-of-living increases.
- Expenses for *Temporary Help* have been increased to assist in HHW events.

Operations: (\$37,700)

- *Safety & First Aid Supplies* and *Medical Services* have been reduced to historical spending. It is anticipated that *Office Supplies & Expenses* will increase due to the purchase of F.O.G. Software.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	586,893	604,600	557,500	621,700
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	16,000
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	1,425	1,600	1,600	1,600
	Total Payroll	588,318	606,200	559,100	639,300
<u>Operations</u>					
502049	Licenses and Registration	570	1,000	1,000	800
502107	Office Supplies & Expenses	2,889	3,000	3,000	3,500
502111	Small Tools	251	500	500	500
502136	Safety & First Aid Supplies	25,568	50,000	50,000	30,000
502270	Seminars & Conventions	277	3,600	3,600	3,600
502271	Dues-Professional Associations	1,148	2,000	2,000	2,000
502272	Books & Subscriptions	2,341	2,500	2,500	2,500
502274	Meeting Expenses	1,934	2,500	2,500	2,500
502287	Outside Services	24,710	20,000	20,000	20,000
502293	Medical Services	22,280	47,000	47,000	29,000
502295	Outside Testing & Lab Services	2,477	20,000	20,000	20,000
502296	Consultant Services	6,405	45,000	45,000	45,000
	Total Operations	90,852	197,100	197,100	159,400
	Total Expenditure Classification	679,170	803,300	756,200	798,700
<u>Funding Allocation</u>					
	Sewer Revenues 49%	332,793	393,600	370,500	391,400
	Water Revenues 51%	346,377	409,700	385,700	407,300
	Total Funding Allocation	679,170	803,300	756,200	798,700
<u>Authorized Positions</u>					
Administration					
	Manager of EH&S	1	1	1	1
	Occupational Health & Safety Analyst	2	2	2	2
	Facility Engineer 3	1	1	1	1
	Environmental Analyst 2	2	2	2	2
	Total Authorized Positions	6	6	6	6

Household Hazardous Waste — District

Description

The Household Hazardous Waste (HHW) program provides member towns (and non-member towns, see 1930015) with hazardous waste collection and disposal services via a regional collection program (including a collection for small businesses). A qualified, licensed hazardous materials-handling firm, under contract to the District, provides collection and disposal services. Staff's duties include planning, scheduling, contract administration, collection day supervision, business development, advertising and coordination of the program.

Budget Commentary

The HHW District budget for 2014 totals \$242,900, which is above the 2013 adopted level by \$1,100 or 0.5%

Payroll: \$400

- *Overtime* is expected to increase in 2014.

Operations: \$700

- Expenses for *Refuse Collection* have been increased for projected rate increases.

Household Hazardous Waste — District

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	-
501201	Overtime	7,244	6,100	6,100	6,500
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	7,244	6,100	6,100	6,500
	<u>Operations</u>				
502011	Meal Allowances	1,218	1,600	1,600	1,600
502026	Clothing & Apparel	896	1,200	1,200	1,200
502027	Mileage Reimbursement	8	100	100	100
502107	Office Supplies & Expenses	687	800	800	800
502138	Safety Equipment	474	1,000	1,000	700
502188	Refuse Collection	5,043	7,000	7,000	8,000
502204	Household Hazardous Waste Disposal	164,838	200,000	200,000	200,000
502625	Public Education & Information	16,065	22,000	22,000	22,000
502630	Promotional Materials	1,728	2,000	2,000	2,000
	Total Operations	190,954	235,700	235,700	236,400
	Total Expenditure Classification	198,198	241,800	241,800	242,900
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	97,117	118,500	118,500	119,000
	Water Revenues 51%	101,081	123,300	123,300	123,900
	Total Funding Allocation	198,198	241,800	241,800	242,900

Household Hazardous Waste — Non-District

Description

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

Budget Commentary

The HHW Non-District budget for 2014 totals \$85,000, which is below the 2013 adopted level by \$79,700 or 48.4%. The cost for these events is billed to non-district communities, which is reflected in revenue.

Payroll: (\$2,200)

- *Overtime Pay* decreases based on the reduction of collections planned in 2014.

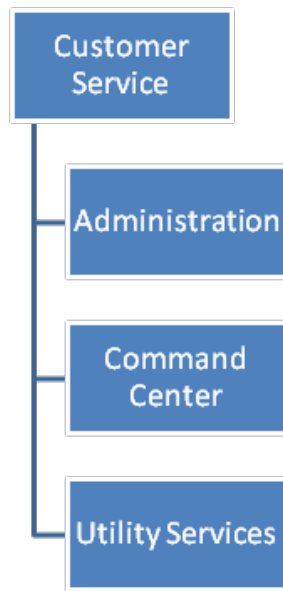
Operations: (\$77,500)

- Reduction in all allotments based on the reduced amount of planned collections in 2014.

Household Hazardous Waste — Non-District

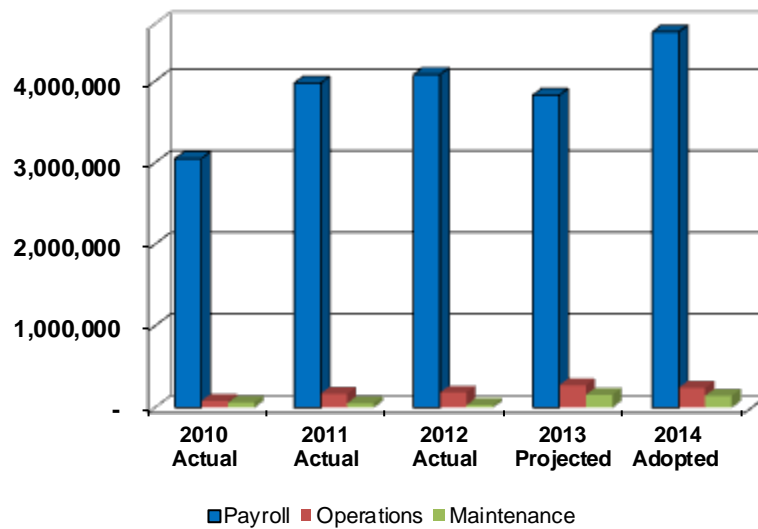
Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	-
501201	Overtime	7,668	5,200	5,200	3,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	7,668	5,200	5,200	3,000
	<u>Operations</u>				
502011	Meal Allowances	1,144	500	500	400
502026	Clothing & Apparel	896	600	600	400
502027	Mileage Reimbursement	14	100	100	100
502107	Office Supplies & Expenses	365	300	300	200
502138	Safety Equipment	627	500	500	400
502188	Refuse Collection	4,424	3,500	3,500	2,000
502204	Household Hazardous Waste Disposal	227,221	140,000	140,000	75,000
502625	Public Education & Information	10,311	12,000	12,000	2,000
502630	Promotional Materials	1,984	2,000	2,000	1,500
	Total Operations	246,986	159,500	159,500	82,000
	Total Expenditure Classification	254,654	164,700	164,700	85,000
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	124,780	80,700	80,700	41,700
	Water Revenues 51%	129,874	84,000	84,000	43,300
	Total Funding Allocation	254,654	164,700	164,700	85,000

Customer Service

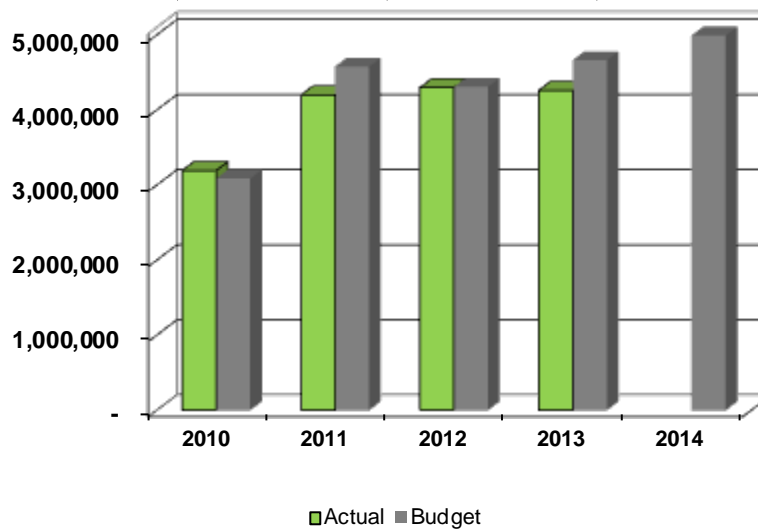


Customer Service

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	3,049,376	3,975,417	4,080,046	3,827,600	4,601,400
Operations	82,903	170,259	185,273	276,100	243,000
Maintenance	61,435	54,992	32,307	158,000	147,000
Total	3,193,714	4,200,667	4,297,626	4,261,700	4,991,400



	2010	2011	2012	2013	2014
Actual	3,193,714	4,200,667	4,297,626	4,261,700	
Budget	3,085,900	4,576,100	4,307,500	4,662,000	4,991,400
Variance	107,814	(375,433)	(9,874)	(400,300)	

Customer Service

Summary

Description

The Customer Service Department, which is headed by the Manager of Customer Service, oversees an Administration activity, a Command Center and Utility Services activity. The Customer Service Department will be responsible for all aspects of customer service, including the Call Center and water service billings. The Command Center will be responsible for responding to all customer related emergencies as well as shift operations for emergency standby.

Budget Commentary

The overall Customer Service budget for 2014 is \$4,991,400, which has increased by \$329,400 or 7.1% above the budget level adopted for 2013. Budget details for the activities comprising the Customer Service department follow.

Customer Service

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	984,311	1,086,500	1,034,100	1,295,900
Command Center	1,726,772	1,982,900	1,800,400	2,089,700
Utility Services	1,586,543	1,592,600	1,427,200	1,605,800
Total Summary by Activity	4,297,626	4,662,000	4,261,700	4,991,400
<u>Summary by Major Accounts</u>				
Payroll				
Regular Pay	3,351,552	3,565,600	3,275,400	3,940,600
Overtime	678,842	612,400	502,300	612,400
Temporary Help	-	-	-	-
Standby & Premium Pay	34,726	33,000	33,000	33,000
Longevity Pay	14,925	16,900	16,900	15,400
Total Payroll	4,080,046	4,227,900	3,827,600	4,601,400
Operations	185,273	276,100	276,100	243,000
Maintenance	32,307	158,000	158,000	147,000
Total Summary by Major Accounts	4,297,626	4,662,000	4,261,700	4,991,400
<u>Funding Allocation</u>				
Sewer Revenues 34%	1,461,193	1,585,100	1,448,900	1,697,100
Water Revenues 66%	2,836,433	3,076,900	2,812,800	3,294,300
Total Funding Allocation	4,297,626	4,662,000	4,261,700	4,991,400
<u>Authorized Positions</u>				
Administration	14	15	15	17
Command Center	17	19	19	19
Utility Services	15	16	16	16
Total Authorized Positions	46	50	50	52

Administration**Description**

The Customer Service, Administration activity is headed by the Manager of Customer Service, is responsible for all aspects of customer service, including the Call Center and water service billings as well as the Command Center operations.

Budget Commentary

The Customer Service, Administration activity budget for 2014 totals \$1,295,900 reflecting an increase of \$209,400 or 19.3% from the 2013 adopted level.

Payroll: \$229,400

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred from Maintenance – Facilities & Electronic Maintenance (4042015) and one position was transferred from Radio Frequency Automated Meter Reading (7930002).
- Expenses for *Longevity* have been decreased based upon participation.

Operations: (\$20,000)

- No expenses for *Customer Opinion Research* are expected in 2014.
- *Outside Services* expenses have been aligned with historical spending.

Maintenance: \$0

- No change in the budget for 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	863,199	940,300	878,300	1,171,300
501201	Overtime	94,850	62,400	72,000	62,400
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	3,650	4,300	4,300	2,700
	Total Payroll	961,699	1,007,000	954,600	1,236,400
	<u>Operations</u>				
502011	Meal Allowance	-	2,000	2,000	-
502026	Clothing & Apparel	1,382	4,000	4,000	3,000
502107	Office Supplies & Expenses	8,568	11,000	11,000	10,000
502257	Meter Reading Cards	296	1,000	1,000	-
502258	Water Billing Forms	6,892	17,000	17,000	17,000
502270	Seminars & Conventions	-	3,000	3,000	3,000
502271	Dues-Professional Associations	490	2,500	2,500	2,500
502272	Books & Subscriptions	-	1,500	1,500	1,500
502287	Outside Services	4,984	20,000	20,000	15,000
502623	Customer Opinion Research	-	10,000	10,000	-
	Total Operations	22,612	72,000	72,000	52,000
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	7,500	7,500	7,500
	Total Maintenance	-	7,500	7,500	7,500
	Total Expenditure Classification	984,311	1,086,500	1,034,100	1,295,900
	<u>Funding Allocation</u>				
	Sewer Revenues 34%	334,666	369,400	351,600	440,600
	Water Revenues 66%	649,645	717,100	682,500	855,300
	Total Funding Allocation	984,311	1,086,500	1,034,100	1,295,900
	<u>Authorized Positions</u>				
	Manager of Customer Service	1	1	1	1
	Senior Customer Services Rep.	1	2	2	2
	Customer Services Rep.	5	5	5	5
	Customer Services Supervisor	1	1	1	1
	Principal Account Clerk	2	2	2	2
	Customer Clerk	1	-	-	-
	Senior Clerk	1	1	1	1
	Meter Reading Crew Leader	-	1	1	1
	Meter Reader 1	-	-	-	3
	Meter Reader 2	2	2	2	1
	Total Authorized Positions	14	15	15	17

Command Center**Description**

The Customer Service Department, Command Center is responsible for responding to all customer related emergencies as well as shift operations for emergency standby.

Budget Commentary

The Customer Service, Command Center budget for 2014 totals \$2,089,700, which is an increase of \$106,800 or 5.4% from the 2013 adopted level.

Payroll: \$117,900

- *Regular Pay* includes increments and cost-of-living increases.
- *Longevity* is being reduced based upon participation.

Operations: (\$1,100)

- *Office Supplies & Expenses* are being reduced based upon historical trends.

Maintenance: (\$10,000)

- *Other Maintenance* expenses are expected to be lower next year.

Command Center

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	1,287,075	1,321,700	1,299,800	1,439,800
501201	Overtime	346,991	425,000	264,400	425,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	22,876	25,000	25,000	25,000
501601	Longevity Pay	4,250	4,600	4,600	4,400
	Total Payroll	1,661,192	1,776,300	1,593,800	1,894,200
	<u>Operations</u>				
502011	Meal Allowances	1,821	8,000	8,000	8,000
502026	Clothing & Apparel	4,550	7,500	7,500	7,500
502061	Materials from Stock	7,973	9,000	9,000	9,000
502106	Lights and Barricades	1,260	2,000	2,000	2,000
502107	Office Supplies & Expenses	3,278	10,100	10,100	9,000
502111	Small Tools	854	2,000	2,000	2,000
502112	Communication Equipment & Supplies	17,608	20,000	20,000	20,000
502416	Computer Equipment & Supplies	140	5,000	5,000	5,000
	Total Operations	37,484	63,600	63,600	62,500
	<u>Maintenance</u>				
503207	Tool & Work Equipment	3,173	13,000	13,000	13,000
503309	Sewers	15,958	50,000	50,000	50,000
503321	Other Maintenance	8,965	80,000	80,000	70,000
	Total Maintenance	28,096	143,000	143,000	133,000
	Total Expenditure Classification	1,726,772	1,982,900	1,800,400	2,089,700
	<u>Funding Allocation</u>				
	Sewer Revenues 34%	587,103	674,200	612,100	710,500
	Water Revenues 66%	1,139,669	1,308,700	1,188,300	1,379,200
	Total Funding Allocation	1,726,772	1,982,900	1,800,400	2,089,700
	<u>Authorized Positions</u>				
	Customer Service Supervisor	-	1	1	1
	Systems Maintenance Superintendent	1	1	1	1
	Claims Agent	1	1	1	1
	Administrative Clerk	4	4	4	4
	Utility Operations Shift Supervisor	2	3	3	3
	Utility Services Shift Supervisor	2	-	-	-
	Utility Operations Shift Crew Leader	1	2	2	2
	Utility Operations Shift Maintainer	6	7	7	7
	Total Authorized Positions	17	19	19	19

Utility Services**Description**

Working out of the District's South Meadows Service Center, the Utility Services activity is responsible for the 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, which are used by District forces and/or private contractors when repairs are needed. Utility Services also is responsible for the maintenance of 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 main line facilities. 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 services such as private fire hydrant maintenance, water meter installation, dye testing and investigations. In addition, the activity is responsible for the coordination and design of the relocation or adjustment of District facilities necessitated by Connecticut Department of Transportation highway projects, as well as member town road construction projects.

Budget Commentary

The Utility Services department budget for 2014 totals \$1,605,800, which is an increase of \$13,200 or 0.8% from the 2013 adopted level.

Payroll: \$26,200

- *Regular Pay* includes increments and cost-of-living increases.
- *Longevity* has increased due to participation.

Operations: (\$12,000)

- Costs for *Security* have been reduced, since the purchase of cameras only occurred in 2013.

Maintenance: (\$1,000)

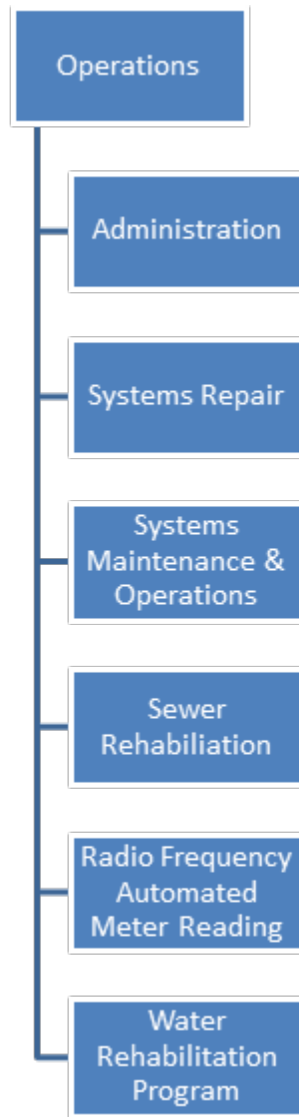
- Costs for *Office Furniture and Equipment* have been aligned with historical spend.

Utility Services

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	1,201,278	1,303,600	1,097,300	1,329,500
501201	Overtime	237,001	125,000	165,900	125,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	11,850	8,000	8,000	8,000
501601	Longevity Pay	7,025	8,000	8,000	8,300
	Total Payroll	1,457,154	1,444,600	1,279,200	1,470,800
	<u>Operations</u>				
502014	Call Before you DIG	82,010	95,000	95,000	95,000
502026	Clothing & Apparel	4,525	7,500	7,500	7,500
502061	Materials from Stock	18,531	10,000	10,000	10,000
502104	Janitorial Supplies	-	500	500	500
502110	Survey & Construction Supplies	7,991	8,000	8,000	8,000
502190	Security	10,281	12,000	12,000	-
502270	Seminars & Conventions	74	2,500	2,500	2,500
502271	Dues-Professional Associations	1,379	2,500	2,500	2,500
502272	Books & Subscriptions	386	1,500	1,500	1,500
502304	Pest Control Services	-	1,000	1,000	1,000
	Total Operations	125,177	140,500	140,500	128,500
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	4,211	7,500	7,500	6,500
	Total Maintenance	4,211	7,500	7,500	6,500
	Total Expenditure Classification	1,586,543	1,592,600	1,427,200	1,605,800
	<u>Funding Allocation</u>				
	Sewer Revenues 34%	539,424	541,500	485,200	546,000
	Water Revenues 66%	1,047,119	1,051,100	942,000	1,059,800
	Total Funding Allocation	1,586,543	1,592,600	1,427,200	1,605,800
	<u>Authorized Positions</u>				
	Customer Services Supervisor	1	1	1	1
	Administrative Clerk	1	1	1	-
	Utility Services Eng Technician	-	7	7	7
	Engineering Project Technician	1	-	-	-
	Project Engineer 2	1	1	1	1
	Senior Utility Services Technician	1	-	-	1
	Utility Service Technician	7	2	2	2
	Cross Connection Tech 1	2	3	3	3
	Cross Connection Tech 2	1	1	1	1
	Total Authorized Positions	15	16	16	16

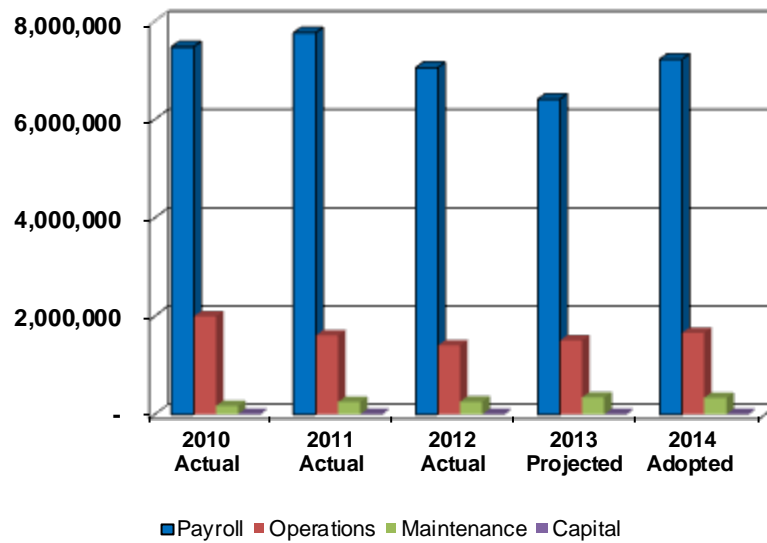
Operations

Administration
Systems Repair
Systems Maintenance & Operations
Sewer Rehabilitation
Radio Frequency Automated Reading
Water Rehabilitation Program

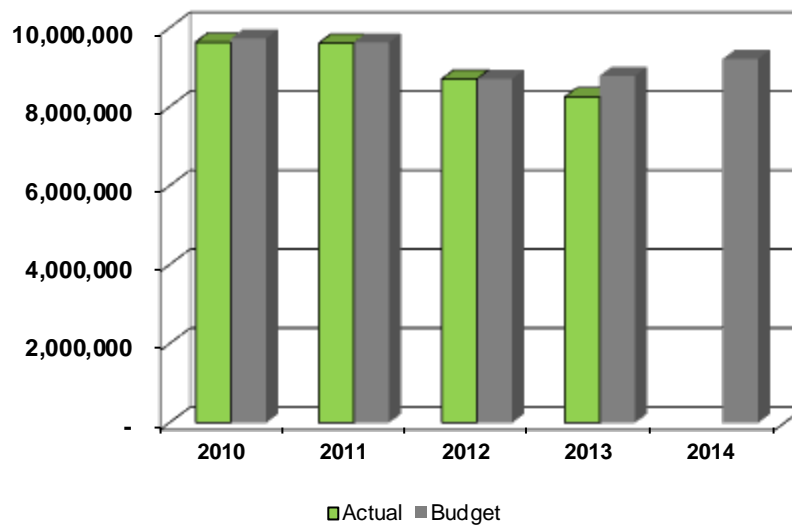


Operations

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	7,474,366	7,759,311	7,051,873	6,409,300	7,221,300
Operations	1,990,626	1,604,622	1,398,485	1,500,400	1,656,400
Maintenance	169,218	248,841	255,657	342,500	334,500
Capital	7,101	-	-	-	-
Total	9,641,311	9,612,774	8,706,014	8,252,200	9,212,200



	2010	2011	2012	2013	2014
Actual	9,641,311	9,612,774	8,706,014	8,252,200	
Budget	9,734,400	9,635,900	8,708,000	8,789,000	9,212,200
Variance	(93,089)	(23,126)	(1,986)	(536,800)	

Operations

Summary

Description

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

Budget Commentary

The Operations Department budget for the coming year is \$9,212,200. This is an increase of \$423,200 or 4.8% above the 2013 approved level. Budget details pertaining to the Operations' activities follow.

Operations

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	171,340	165,600	154,200	170,200
Systems Repair	3,695,817	3,578,000	3,463,900	3,943,600
Systems Maintenance and Operations	4,836,745	5,045,400	4,634,100	5,098,400
Construction	-	-	-	-
Total Summary by Activity	8,706,014	8,789,000	8,252,200	9,212,200
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	5,616,570	5,661,300	4,998,000	5,835,400
Overtime	1,393,657	1,227,800	1,354,300	1,327,800
Temporary Help	-	-	-	-
Standby & Premium Pay	33,096	49,300	49,300	49,300
Longevity Pay	8,550	7,700	7,700	8,800
Total Payroll	7,051,873	6,946,100	6,409,300	7,221,300
Operations	1,398,485	1,500,400	1,500,400	1,656,400
Maintenance	255,657	342,500	342,500	334,500
Total Summary by Major Account	8,706,014	8,789,000	8,252,200	9,212,200
<u>Funding Allocation</u>				
Sewer Revenues 25%	2,176,517	2,197,300	2,063,100	2,303,100
Water Revenues 75%	6,529,497	6,591,700	6,189,100	6,909,100
Total Funding Allocation	8,706,014	8,789,000	8,252,200	9,212,200
<u>Authorized Positions</u>				
Administration	2	1	1	1
Systems Repair	38	37	37	37
Systems Maintenance & Operations	47	45	45	45
Total Authorized Positions	87	83	83	83

Administration**Description**

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

Budget Commentary

The Operations Administration budget for 2014 is \$170,200, which is higher than the 2013 approved level by \$4,600 or 2.8%.

Payroll: \$3,600

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

Operations: \$6,000

- Expenses for *Ground Care* have been included to maintain the grounds of 125 Maxim Road.
- The budget anticipates fewer expenses for *Seminars & Conventions*.

Maintenance: (\$5,000)

- The expenses for *Office Furniture & Equipment* have been reduced.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	162,235	145,800	134,400	149,400
501201	Overtime	704	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	800	800	800	800
	Total Payroll	163,740	146,600	135,200	150,200
	<u>Operations</u>				
502049	Licenses & Registrations	327	1,000	1,000	1,000
502107	Office Supplies & Expenses	472	1,000	1,000	1,000
502203	Ground Care	-	-	-	8,000
502270	Seminars & Conventions	6,448	5,000	5,000	3,000
502271	Dues-Professional Associations	354	2,000	2,000	2,000
	Total Operations	7,601	9,000	9,000	15,000
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	10,000	10,000	5,000
	Total Maintenance	-	10,000	10,000	5,000
	Total Expenditure Classification	171,340	165,600	154,200	170,200
	<u>Funding Allocation</u>				
	Sewer Revenues 25%	42,835	41,400	38,600	42,600
	Water Revenues 75%	128,505	124,200	115,600	127,600
	Total Funding Allocation	171,340	165,600	154,200	170,200
	<u>Authorized Positions</u>				
	Manager of Operations	1	1	1	1
	Administrative Assistant	1	-	-	-
	Total Authorized Positions	2	1	1	1

Systems Repair**Description**

The Systems Repair activity – the District's utility repair and construction unit is primarily responsible for the emergency repair of all components of the water distribution and sewer collection systems.

Systems Repair also is responsible for all service connection water taps required by developers and contractors and utility relocation work required by Towns and the State. Systems Repair also makes repairs to catch basins, manholes and meter pits, and performs general masonry work, including combined sewer manhole repairs, to reduce infiltration. In addition, the unit repairs services and Ford boxes and restores property disturbed during system failures and repairs.

Budget Commentary

The Systems Repair budget for 2014 totals \$3,943,600, which is \$365,600 or 10.2% higher than the adopted level for 2013.

Payroll: \$218,600

- *Regular Pay* includes increments and cost-of-living increases.
- The *Overtime* expenses have increased due to increased break repairs.
- *Longevity* has increased due to participation.

Operations: \$150,000

- *Police Services* expenses have been increased due to increased break repairs.

Maintenance: (\$3,000)

- The decrease in *Gates & Regulatory Repairs* is more in-line with historical spend.

Systems Repair

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	2,469,035	2,425,200	2,168,300	2,543,000
501201	Overtime	976,637	771,300	914,100	871,300
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	23,897	30,000	30,000	30,000
501601	Longevity Pay	4,050	3,200	3,200	4,000
	Total Payroll	3,473,620	3,229,700	3,115,600	3,448,300
<u>Operations</u>					
502011	Meal Allowances	59,387	75,300	75,300	75,300
502016	Police Services	8,841	50,000	50,000	200,000
502026	Clothing & Apparel	19,491	27,500	27,500	27,500
502106	Lights & Barricades	6,000	7,000	7,000	7,000
502107	Office Supplies & Expenses	3,885	4,000	4,000	4,000
502111	Small Tools	36,913	40,000	40,000	40,000
	Total Operations	134,516	203,800	203,800	353,800
<u>Maintenance</u>					
503207	Tool & Work Equipment	8,500	10,000	10,000	10,000
503302	Catch Basins	1,766	2,000	2,000	2,000
503304	Mains	48,991	73,000	73,000	73,000
503305	Manholes	1,498	1,500	1,500	1,500
503308	Services	3,927	5,000	5,000	5,000
503309	Sewers	-	11,000	11,000	11,000
503317	Gate & Regulatory Repairs	6,000	12,000	12,000	9,000
503318	Laterals/Relining	17,000	30,000	30,000	30,000
	Total Maintenance	87,681	144,500	144,500	141,500
	Total Expenditure Classification	3,695,817	3,578,000	3,463,900	3,943,600
<u>Funding Allocation</u>					
	Sewer Revenues 25%	923,954	894,500	866,000	985,900
	Water Revenues 75%	2,771,863	2,683,500	2,597,900	2,957,700
	Total Funding Allocation	3,695,817	3,578,000	3,463,900	3,943,600
<u>Authorized Positions</u>					
	Asst. Systems Repair Supt.	1	1	1	1
	Administrative Clerk	1	1	1	1
	Senior Systems Repair Supervisor	1	1	1	1
	Systems Repair Supervisor	5	5	5	5
	Systems Repair Crew Leader	1	1	1	1
	Equipment Operator 2	1	1	1	1
	Equipment Operator 1	7	6	6	6
	Compressor Truck Operator	6	6	6	6
	Truck Driver 3	1	1	1	1
	Truck Driver 2	6	6	6	6
	Pipe Joiner	6	6	6	6
	Utility Operations Maintainer	2	2	2	2
	Total Authorized Positions	38	37	37	37

Systems Maintenance & Operations

Description

The Systems Maintenance and Operations activity is responsible for hydrant maintenance, sewer and catch basin cleaning, meter reading, and meter installation and repair.

The Hydrant Maintenance unit maintains more than 10,700 hydrants, flushes more than 1,465 miles of water mains, and provides assistance in addressing water system emergencies.

The Sewer Cleaning unit is responsible for the cleaning and inspection of 1,250 miles of pipes in the sewer collection system, 5,800 catch basins in Hartford's combined system, as well as the maintenance of Hartford floodgates.

The Gate and Regulator Maintenance unit is responsible for more than 30,200 gates (valves), 36 regulators, 100 check valves, manholes, and other system appurtenances.

The Meter Installation and Repair unit is responsible for installing, testing and repairing larger water meters, providing turn-off and turn-on services for customers, investigating leaks, handling customer complaints, assisting in major shutdowns, and handling emergency pumping.

Budget Commentary

The Systems Maintenance and Operations budget for 2014 is \$5,098,400. This is an increase of \$53,000 or 1.1% above expenditure level adopted for 2013.

Payroll: \$53,000

- *Regular Pay* includes increments and cost-of-living increases.
- *Longevity* has increased due to participation.

Operations: \$0

- Expenses are expected to remain unchanged from the 2013 budget.

Maintenance: \$0

- Expenses are expected to remain unchanged from the 2013 budget.

Systems Maintenance & Operations

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	2,985,299	3,090,300	2,695,300	3,143,000
501201	Overtime	416,316	456,500	440,200	456,500
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	9,199	19,300	19,300	19,300
501601	Longevity Pay	3,700	3,700	3,700	4,000
	Total Payroll	3,414,514	3,569,800	3,158,500	3,622,800
	<u>Operations</u>				
502011	Meal Allowances	12,437	22,300	22,300	22,300
502026	Clothing & Apparel	21,912	26,200	26,200	26,200
502048	Grit/Screening Disposal	150,553	175,000	175,000	175,000
502061	Materials from Stock	1,053,195	1,025,600	1,025,600	1,025,600
502106	Lights & Barricades	-	6,000	6,000	6,000
502107	Office Supplies & Expenses	3,909	5,000	5,000	5,000
502111	Small Tools	7,037	16,000	16,000	16,000
502138	Safety Equipment	3,381	5,500	5,500	5,500
502303	Television Services	1,831	6,000	6,000	6,000
	Total Operations	1,254,256	1,287,600	1,287,600	1,287,600
	<u>Maintenance</u>				
503204	Power Operated Equipment	57,693	60,000	60,000	60,000
503303	Hydrant Repair, Parts, etc.	34,125	35,000	35,000	35,000
503207	Tool & Work Equipment	54,043	60,000	60,000	60,000
503309	Sewers	10,720	13,000	13,000	13,000
503317	Gate & Regulatory Repairs	11,394	20,000	20,000	20,000
	Total Maintenance	167,976	188,000	188,000	188,000
	Total Expenditure Classification	4,836,745	5,045,400	4,634,100	5,098,400
	<u>Funding Allocation</u>				
	Sewer Revenues 25%	1,209,200	1,261,400	1,158,500	1,274,600
	Water Revenues 75%	3,627,545	3,784,000	3,475,600	3,823,800
	Total Funding Allocation	4,836,745	5,045,400	4,634,100	5,098,400

Systems Maintenance & Operations

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Systems Maintenance Superintendent	1	1	1	1
Assistant Systems Maintenance Supt.	1	1	1	1
Administration Clerk	-	1	1	1
Hydrant Maintenance Supervisor	1	1	1	1
Hydrant Maintainer 2	3	2	2	2
Hydrant Maintainer 1	4	4	4	4
Sewer Maintenance Supervisor	1	1	1	1
Senior Sewer Maintenance Crew Lead	-	1	1	1
Sewer Maintenance Crew Leader	8	7	7	7
Sewer Maintainer 1	7	7	7	6
Sewer Maintainer	1	-	-	-
Meter Supervisor	-	1	1	1
Meter Maintenance Supervisor	1	-	-	-
Meter Maintenance Crew Leader	2	2	2	2
Customer Service Maintainer 1	6	5	5	5
Utility Sys. Monitoring Technician 2	3	2	2	3
Utility Operations Maintainer	2	2	2	2
Gate Maintenance Supervisor	1	1	1	1
Gate Maintenance Crew Leader	2	2	2	2
Compressor Truck Operator	1	1	1	1
Gate Maintainer 2	2	3	3	3
<i>Total Authorized Positions</i>	47	45	45	45

Sewer Rehabilitation**Description/Budget Commentary**

The Sewer Rehabilitation department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 16 positions budgeted for the full year 2014 Capital Improvement Program budget.

Systems Maintenance & Operations**Radio-Based Automated Meter Reading****Description/Budget Commentary**

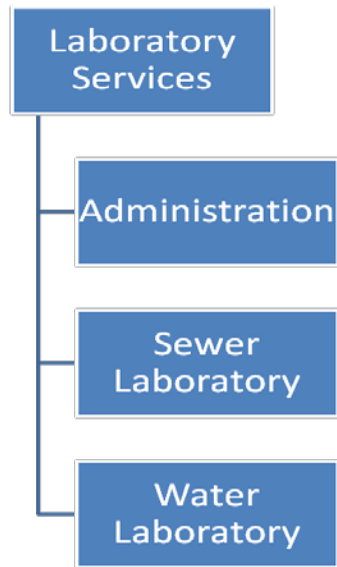
The Radio-Based Automated Meter Reading sub-activity comprises 9 provisional positions in 2014. The sub-activity was established to complete the Radio-Based Automated Metering Reading installation program on an in-house basis. All funding for the sub-activity is provided through the Capital Improvement Program budget.

Water Rehabilitation**Description/Budget Commentary**

The Water Rehabilitation Program department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 5 positions budgeted for the full year 2014 Capital Improvement Program budget.

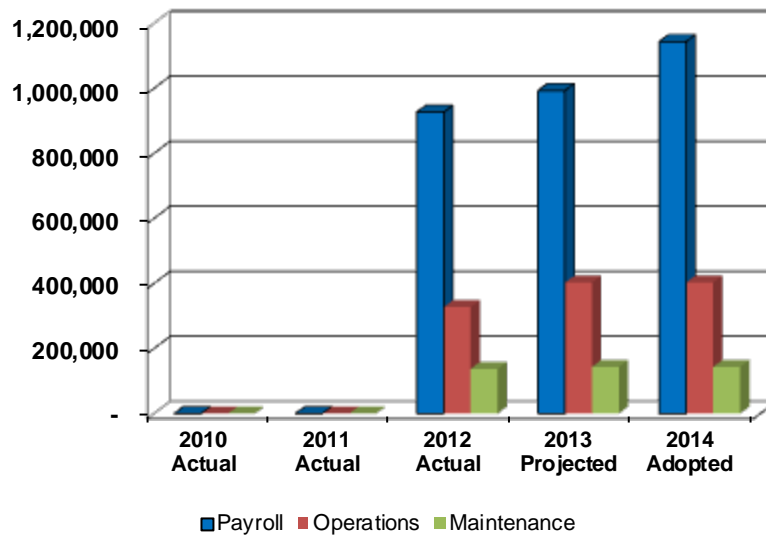
Laboratory Services

Administration
Sewer Laboratory
Water Laboratory

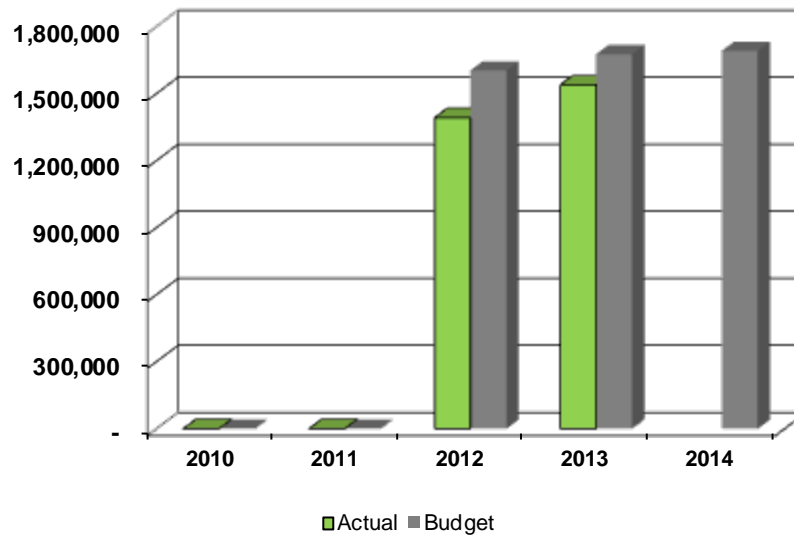


Laboratory Services

Summary



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	926,619	993,100	1,143,800
Operations	-	-	327,232	402,300	402,900
Maintenance	-	-	137,393	143,300	143,300
Total	-	-	1,391,243	1,538,700	1,690,000



	2010	2011	2012	2013	2014
Actual	-	-	1,391,243	1,538,700	
Budget	-	-	1,602,500	1,675,100	1,690,000
Variance	-	-	(211,257)	(136,400)	

Laboratory Services

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.

Budget Commentary

The Laboratory Services Department budget for 2014 is \$1,690,000 which is up \$14,900 or 0.9% over the 2013 adopted budget. Budget details regarding the activity and departments follow on the succeeding pages.

Laboratory Services

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	118,418	255,700	232,200	261,200
Laboratory - Sewer	695,653	799,400	731,000	807,900
Laboratory - Water	577,173	620,000	575,500	620,900
Total Summary by Activity	1,391,243	1,675,100	1,538,700	1,690,000
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	887,807	1,089,200	956,000	1,093,200
Overtime	27,061	36,700	33,500	38,200
Temporary Help	9,039	-	-	9,100
Standby & Premium Pay	112	700	700	700
Longevity Pay	2,600	2,900	2,900	2,600
Total Payroll	926,619	1,129,500	993,100	1,143,800
Operations	327,232	402,300	402,300	402,900
Maintenance	137,393	143,300	143,300	143,300
Total Summary by Major Account	1,391,243	1,675,100	1,538,700	1,690,000
<u>Funding Allocation</u>				
Sewer Revenues 48%	715,626	804,000	738,600	811,200
Water Revenues 52%	675,617	871,100	800,100	878,800
Total Funding Allocation	1,391,243	1,675,100	1,538,700	1,690,000
<u>Authorized Positions</u>				
Administration	1	2	2	2
Laboratory - Sewer	6	6	6	6
Laboratory - Water	6	5	5	5
Total Authorized Positions	13	13	13	13

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 budget for 2014 is \$261,200 which has increased by \$5,500 or 3.2% above the expenditure level adopted for 2013.

Payroll: \$6,500

- *Regular Pay* includes increments and cost-of-living increases.
- *Longevity* has increased due to participation.

Operations: (\$1,000)

- *Seminars & Conventions* have been aligned with historical spend.

Maintenance: \$0

- The budget is expected to be unchanged for 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	110,667	242,000	218,500	248,200
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	800	800	800	1,100
	Total Payroll	111,467	242,800	219,300	249,300
	<u>Operations</u>				
502049	Licenses & Registrations	80	500	500	500
502107	Office Supplies & Expenses	1,093	3,000	3,000	3,000
502251	Printed Forms	309	1,000	1,000	1,000
502270	Seminars & Conventions	3,962	5,000	5,000	4,000
502271	Dues-Professional Associations	1,506	1,900	1,900	1,900
	Total Operations	6,951	11,400	11,400	10,400
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	1,500	1,500	1,500
	Total Maintenance	-	1,500	1,500	1,500
	Total Expenditure Classification	118,418	255,700	232,200	261,200
	<u>Funding Allocation</u>				
	Sewer Revenues 48%	56,840	122,700	111,500	125,400
	Water Revenues 52%	61,578	133,000	120,700	135,800
	Total Funding Allocation	118,418	255,700	232,200	261,200
	<u>Authorized Positions</u>				
	Manager of Lab Services	1	1	1	1
	WPC Laboratory Administrator	-	1	1	1
	Total Authorized Positions	1	2	2	2

Water Laboratory**Description**

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.

Budget Commentary

The Water Laboratory budget for 2014 is \$807,900 which has increased by \$8,500 or 1.1% above the expenditure level adopted for 2013.

Payroll: \$8,500

- *Regular Pay* includes increments and cost-of-living increases.
- Expenses for *Overtime* are expected to increase for 2014 due to projected wage adjustment.
- *Temporary Help* expenses have been increased for additional coverage.

Operations: \$0

- The budget is expected to be unchanged for 2014.

Maintenance: \$0

- The budget is expected to be unchanged for 2014.

Water Laboratory

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<i>Payroll</i>				
501101	Regular Pay	412,907	478,800	413,100	476,700
501201	Overtime	30,031	33,200	30,500	34,700
501301	Temporary Help	12,303	-	-	9,100
501401	Standby & Premium Pay	290	700	700	700
501601	Longevity Pay	600	700	700	700
	Total Payroll	456,131	513,400	445,000	521,900
	<i>Operations</i>				
502026	Clothing & Apparel	1,500	1,800	1,800	1,800
502105	Laboratory Supplies	93,395	92,200	92,200	92,200
502210	Propane Gas	4,209	7,300	7,300	7,300
502295	Outside Testing & Laboratory Services	12,825	48,000	48,000	48,000
502296	Consultant Services	-	6,200	6,200	6,200
	Total Operations	111,929	155,500	155,500	155,500
	<i>Maintenance</i>				
503202	Laboratory Equipment	127,593	130,500	130,500	130,500
	Total Maintenance	127,593	130,500	130,500	130,500
	Total Expenditure Classification	695,653	799,400	731,000	807,900
	<i>Funding Allocation</i>				
	Sewer Revenues 48%	356,871	383,700	350,900	387,800
	Water Revenues 52%	338,781	415,700	380,100	420,100
	Total Funding Allocation	695,653	799,400	731,000	807,900
	<i>Authorized Positions</i>				
	Laboratory Tech	4	1	1	1
	Chemist	-	2	2	2
	Microbiologist	-	2	2	2
	Water Treatment Plant Operator	-	1	1	1
	WPC Laboratory Admin	1	-	-	-
	WPC Process Analyst	1	-	-	-
	Total Authorized Positions	6	6	6	6

Sewer Laboratory**Description**

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 is performed at the East Hartford, Rocky Hill and Poquonuck 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.

Budget Commentary

The Sewer Laboratory budget for 2014 is \$620,900 which has increased by \$900 or 0.1% above the expenditure level adopted for 2013.

Payroll: (\$700)

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

Operations: \$1,600

- Expenses for *Outside Services* has increased due to testing in increase monitoring requirements

Maintenance: \$0

- The budget is expected to be unchanged for 2014.

Laboratory Services

3530015

Sewer Laboratory

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	364,233	368,400	324,400	368,300
501201	Overtime	(2,970)	3,500	3,000	3,500
501301	Temporary Help	(3,264)	-	-	-
501401	Standby & Premium Pay	(178)	-	-	-
501601	Longevity Pay	1,200	1,400	1,400	800
	Total Payroll	359,022	373,300	328,800	372,600
<u>Operations</u>					
502026	Clothing & Apparel	1,500	1,500	1,500	1,500
502105	Laboratory Supplies	73,235	77,000	77,000	77,000
502107	Office Supplies & Expenses	-	1,000	1,000	1,000
502287	Outside Services	43,913	52,100	52,100	53,700
502295	Outside Testing & Laboratory Services	89,704	103,800	103,800	103,800
502296	Consultant Services	-	-	-	-
	Total Operations	208,352	235,400	235,400	237,000
<u>Maintenance</u>					
503202	Laboratory Equipment	9,800	11,300	11,300	11,300
	Total Maintenance	9,800	11,300	11,300	11,300
	Total Expenditure Classification	577,173	620,000	575,500	620,900
<u>Funding Allocation</u>					
	Sewer Revenues 48%	301,914	297,600	276,200	298,000
	Water Revenues 52%	275,258	322,400	299,300	322,900
	Total Funding Allocation	577,173	620,000	575,500	620,900
<u>Authorized Positions</u>					
	Chemist	2	-	-	-
	WPC Process Analyst	-	1	1	1
	Laboratory Tech	1	4	4	4
	Microbiologist	2	-	-	-
	WT Plant Operator	1	-	-	-
	Total Authorized Positions	6	5	5	5

Water Pollution Control

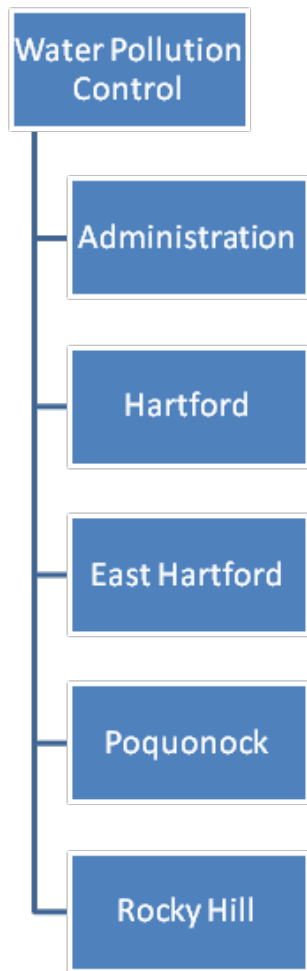
Administration

Hartford

East Hartford

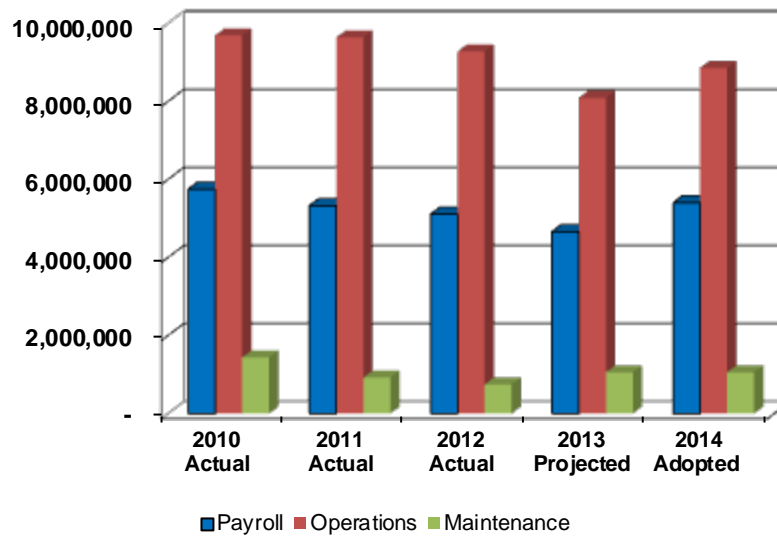
Poquonock

Rocky Hill

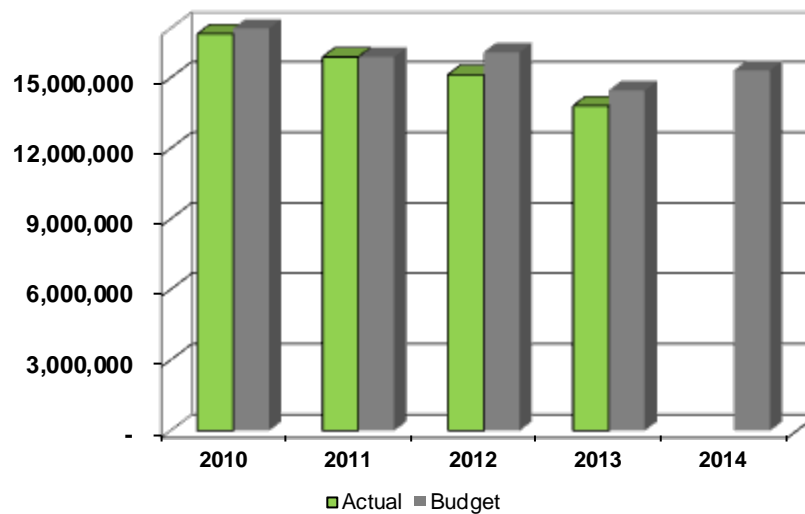


Water Pollution Control

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	5,749,616	5,329,317	5,111,534	4,662,500	5,403,600
Operations	9,685,506	9,636,959	9,277,254	8,091,500	8,856,600
Maintenance	1,434,394	920,509	746,671	1,055,700	1,057,800
Total	16,869,516	15,886,786	15,135,459	13,809,700	15,318,000



	2010	2011	2012	2013	2014
Actual	16,869,516	15,886,786	15,135,459	13,809,700	
Budget	17,096,400	15,891,800	16,084,900	14,463,500	15,318,000
Variance	(226,884)	(5,014)	(949,441)	(653,800)	

Water Pollution Control

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).

Budget Commentary

The 2014 budget for the WPC Administration and Water Pollution Control is \$15,318,000. The increase from the level approved for 2013 is \$854,500 or 5.9%. Budget details regarding the activity and departments are provided on succeeding pages.

Water Pollution Control

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Summary by Activity				
Administration	260,415	318,500	307,100	352,600
Hartford	12,098,450	11,349,900	10,815,700	12,057,400
East Hartford	1,182,842	1,174,400	1,090,100	1,264,900
Poquonock	654,451	692,600	671,700	700,400
Rocky Hill	939,300	928,100	925,100	942,700
Laboratory	-	-	-	-
Nitrogen Credit Program	-	-	-	-
Total Summary by Activity	15,135,459	14,463,500	13,809,700	15,318,000
Summary by Major Account				
Payroll				
Regular Pay	4,345,601	4,601,300	3,977,800	4,722,200
Overtime	704,770	643,500	613,200	614,500
Temporary	-	-	-	-
Standby & Premium Pay	58,538	68,400	68,400	63,400
Longevity Pay	2,625	3,100	3,100	3,500
Total Payroll	5,111,534	5,316,300	4,662,500	5,403,600
Operations	9,277,254	8,091,500	8,091,500	8,856,600
Maintenance	746,671	1,055,700	1,055,700	1,057,800
Total Summary by Major Account	15,135,459	14,463,500	13,809,700	15,318,000
Funding Allocation				
Sewer Revenues 100%	15,135,459	14,463,500	13,809,700	15,318,000
Total Funding Allocation	15,135,459	14,463,500	13,809,700	15,318,000
Authorized Positions				
Administration	1	1	1	1
Hartford	49	49	49	49
East Hartford	7	7	7	7
Poquonock	4	4	4	4
Rocky Hill	5	5	5	5
Total Authorized Positions	66	66	66	66

Administration**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).

Budget Commentary

The \$352,600 Water Pollution Control Administration budget for 2014 is increasing by \$34,100 or 10.7% from the level approved for 2013.

Payroll: \$3,600

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

Operations: \$31,000

- Increase to *Permits* is the result increased air emission fess as a result of increased sludge incineration.
- *Outside Testing & Laboratory Services* expenses are lower due to anticipated minor reduction in air monitoring testing.

Maintenance: (\$500)

- No expenses are anticipated for *Office Furniture & Equipment* in 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	136,264	145,800	134,400	149,400
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	136,264	145,800	134,400	149,400
	<u>Operations</u>				
502013	Permits	81,664	85,000	85,000	120,000
502017	Postage	-	500	500	500
502049	Licenses & Registration	160	500	500	500
502107	Office Supplies and Expenses	1,384	1,800	1,800	1,800
502137	Fire Equipment	-	500	500	500
502251	Printed Forms	130	300	300	300
502270	Seminars & Conventions	3,012	7,500	7,500	7,500
502271	Dues-Professional Associations	716	1,100	1,100	1,100
502272	Books & Subscriptions	617	1,500	1,500	1,500
502274	Meeting Expenses	1,657	1,500	1,500	1,500
502295	Outside Testing & Laboratory Services	34,811	72,000	72,000	68,000
	Total Operations	124,151	172,200	172,200	203,200
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	500	500	-
	Total Expenditure Classification	260,415	318,500	307,100	352,600
	<u>Funding Allocation</u>				
	Sewer Revenues 100%	260,415	318,500	307,100	352,600
	Total Funding Allocation	260,415	318,500	307,100	352,600
	<u>Authorized Positions</u>				
	Manager of WPC	1	1	1	1
	Total Authorized Positions	1	1	1	1

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. 2013 will also include waste heat recovery for electricity production.

Budget Commentary

The 2014 budget for Water Pollution Control, Hartford, totals \$12,057,400, which is an increase from the level adopted in 2013 by \$707,500 or 6.2%.

Payroll: \$48,700

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* is expected to decrease due to full staffing and changes in operations.
- Expenses for *Standby & Premium Pay* have been lowered due to changes in operations.
- *Longevity* has increased due to participation.

Operations: \$658,800

- *Fuel for Incineration* and *Fuel for Pumping* costs are all expected to increase market conditions, contract rate and usage.
- Costs for *Polymer*, *Water Treatment Chemicals* and *Odor Control Chemicals* are expected to be lower due to changes in operations.
- Expenses for *Electricity* are expected to increase based on market conditions, contract rate, usage which includes the Heat Recovery System.
- *DEEP Nitrogen Credit Program* expenses are expected to increase due to an overall wet weather pattern during nitrogen removal season, which facilitates maximum nitrogen removal.

Hartford

Maintenance: \$0

- No changes are anticipated.

Hartford

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	3,160,954	3,354,100	2,867,500	3,444,100
501201	Overtime	604,736	536,700	489,100	500,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	48,930	58,000	58,000	53,000
501601	Longevity Pay	825	900	900	1,300
	Total Payroll	3,815,444	3,949,700	3,415,500	3,998,400
<u>Operations</u>					
502011	Meal Allowances	5,410	4,100	4,100	4,100
502017	Postage	1,136	-	-	-
502026	Clothing & Apparel	25,420	23,900	23,900	23,900
502032	Inventory Adjustments	167	-	-	-
502048	Grit/Screening Disposal	63,118	91,000	91,000	91,000
502061	Materials From Stock	359,985	419,400	419,400	419,400
502103	Electrical Supplies	3,399	3,700	3,700	3,700
502104	Janitorial Supplies	5,733	13,500	13,500	13,500
502107	Office Supplies & Expenses	5,729	5,700	5,700	5,700
502111	Small Tools	3,883	4,100	4,100	4,100
502112	Communication Equipment & Supplies	202	3,200	3,200	3,000
502119	Oil Spill Supplies	485	2,500	2,500	2,000
502150	Water Treatment Chemicals	-	39,500	39,500	19,500
502153	Chlorine	5,400	6,400	6,400	6,400
502159	Polymer	771,124	1,044,600	1,044,600	875,000
502166	Odor Control Chemicals	8,611	44,400	44,400	34,400
502183	Ash Disposal	595,248	467,200	467,200	476,000
502184	Custodial Services	26,811	39,500	39,500	39,500
502188	Refuse Collection	36,285	36,800	36,800	42,000
502203	Ground Care	1,784	8,000	8,000	8,000
502211	Fuel for Incineration	558,536	810,200	810,200	845,000
502212	Fuel for Pumping	221,461	240,700	240,700	281,500
502213	Fuel for Heating	115,624	140,000	140,000	140,000
502215	Oil & Lubricant	1,774	5,000	5,000	5,000
502255	Blueprints, Maps, & Charts	539	1,000	1,000	1,000
502287	Outside Services	48,688	57,500	57,500	57,500
502288	DEEP Nitrogen Credit Program	980,841	480,000	480,000	861,000
502292	Legal Services	(980)	-	-	-
502295	Outside Testing & Laboratory Services	-	-	-	4,500
502304	Pest Control Services	-	2,000	2,000	2,000
502319	Equipment Rental	43,772	30,500	30,500	71,900
502350	Electricity	3,849,080	2,557,400	2,557,400	2,900,000
	Total Operations	7,739,263	6,581,800	6,581,800	7,240,600
<u>Maintenance</u>					
503207	Tool & Work Equipment	5,762	6,000	6,000	6,000
503209	Treatment Equipment	478,975	720,000	720,000	720,000
503310	Treatment Structures	59,005	92,400	92,400	92,400
	Total Maintenance	543,743	818,400	818,400	818,400
	Total Expenditure Classification	12,098,450	11,349,900	10,815,700	12,057,400
<u>Funding Allocation</u>					
	Sewer Revenues 100%	12,098,450	11,349,900	10,815,700	12,057,400
	Total Funding Allocation	12,098,450	11,349,900	10,815,700	12,057,400

Hartford

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Supervision</u>				
WPC Plant Superintendent	1	1	1	1
Assistant WPC Plant Superintendent	1	1	1	1
Plant Maintenance Supervisor	1	-	-	-
WPC Plant Shift Supervisor	3	4	4	4
Sr Clerk / Typist	1	1	1	1
WPC Crew Leader 2	7	7	7	7
WPC Crew Leader 1	5	5	5	5
WPC Plant Operator 2	30	30	30	30
<i>Total Authorized Positions</i>	49	49	49	49

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 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 total East Hartford WPC budget for 2014 is \$1,264,900, which is higher than the level adopted in 2013 by \$90,500 or 7.7%.

Payroll: \$15,300

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* has been increased slightly due to rate changes.

Operations: \$75,200

- Expenses for *Water Treatment Chemicals* are expected to increase based on market conditions, contract rate and usage.
- *Outside Testing & Lab Services* have been increased due to additional required storm water permit testing.
- *DEEP Nitrogen Credit Program* expenses are expected to increase due to an overall wet weather pattern during nitrogen removal season, which facilitates maximum nitrogen removal.

Maintenance: \$0

- No changes are anticipated.

East Hartford

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	410,746	452,600	366,700	465,800
501201	Overtime	38,701	42,000	43,600	44,100
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	3,226	3,700	3,700	3,700
501601	Longevity Pay	600	800	800	800
	Total Payroll	453,273	499,100	414,800	514,400
<u>Operations</u>					
502011	Meal Allowances	60	400	400	400
502026	Clothing & Apparel	4,254	5,400	5,400	5,400
502027	Mileage Reimbursement	136	-	-	-
502048	Grit/Screening Disposal	20,526	24,000	24,000	24,000
502061	Material from Stock	8,136	5,000	5,000	5,000
502103	Electrical Supplies	521	1,000	1,000	1,000
502104	Janitorial Supplies	1,367	1,500	1,500	1,500
502107	Office Supplies & Expenses	1,496	1,600	1,600	1,600
502111	Small Tools	2,298	2,400	2,400	2,400
502112	Communication Equipment & Supplies	3,471	3,500	3,500	3,500
502119	Oil Spill Supplies	561	700	700	700
502138	Safety Equipment	1,389	6,500	6,500	6,500
502150	Water Treatment Chemicals	30,370	37,000	37,000	42,000
502184	Custodial Services	14,556	16,000	16,000	16,000
502188	Refuse Collection	1,498	1,500	1,500	1,500
502203	Ground Care	8,833	12,000	12,000	12,000
502212	Fuel for Pumping	756	9,000	9,000	9,000
502213	Fuel for Heating	22,055	28,600	28,600	28,600
502215	Oil & Lubricant	7,211	10,000	10,000	10,000
502295	Outside Testing & Lab Services	-	-	-	2,200
502288	DEEP Nitrogen Credit Program	69,161	40,000	40,000	108,000
502304	Pest Control Services	-	2,200	2,200	2,200
502350	Electricity	447,136	366,000	366,000	366,000
	Total Operations	645,789	574,300	574,300	649,500
<u>Maintenance</u>					
503207	Tool & Work Equipment	667	1,000	1,000	1,000
503209	Treatment Equipment	55,249	70,000	70,000	70,000
503310	Treatment Structures	27,864	30,000	30,000	30,000
	Total Maintenance	83,780	101,000	101,000	101,000
	Total Expenditure Classification	1,182,842	1,174,400	1,090,100	1,264,900
<u>Funding Allocation</u>					
	Sewer Revenues 100%	1,182,842	1,174,400	1,090,100	1,264,900
	Total Funding Allocation	1,182,842	1,174,400	1,090,100	1,264,900
<u>Authorized Positions</u>					
	WPC Satellite Plant Supervisor	1	1	1	1
	Water Pollution Control Crew Leader 1	1	1	1	1
	Water Pollution Control Plant Opr	-	-	-	1
	Water Pollution Control Plant Opr 2	5	5	5	4
	Total Authorized Positions	7	7	7	7

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 budget for 2014 is \$700,400, which is \$7,800 or 1.1% higher than the level adopted for 2013.

Payroll: \$5,300

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* has been increased slightly due to rate changes.

Operations: (\$100)

- Expenses for *Sludge Removal* are expected to be lower based upon an anticipated reduction in sludge production.
- *DEEP Nitrogen Credit Program* expenses are expected to decrease due to plant flow during the nitrogen removal season, which facilitates maximum nitrogen removal.

Maintenance: \$2,600

- The costs for *Tool & Work Equipment* are expected to increase in 2014.

Poquonock

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	296,201	294,900	272,200	299,500
501201	Overtime	29,785	28,600	30,400	29,300
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	3,182	3,400	3,400	3,400
501601	Longevity Pay	375	600	600	600
	Total Payroll	329,543	327,500	306,600	332,800
<u>Operations</u>					
502011	Meal Allowances	-	-	-	200
502026	Clothing & Apparel	1,598	1,800	1,800	1,800
502048	Grit/Screening Disposal	8,612	13,000	13,000	12,500
502061	Material from Stock	6,001	3,000	3,000	4,600
502103	Electrical Supplies	1,960	2,000	2,000	2,000
502104	Janitorial Supplies	1,090	1,200	1,200	1,200
502107	Office Supplies & Expenses	1,120	1,200	1,200	1,200
502111	Small Tools	2,176	2,200	2,200	2,200
502119	Oil Spill Supplies	537	600	600	600
502138	Safety Equipment	1,915	2,500	2,500	2,500
502150	Water Treatment Chemicals	9,251	13,000	13,000	14,200
502184	Custodial Services	11,201	13,500	13,500	13,500
502188	Refuse Collection	1,671	2,500	2,500	2,500
502191	Sludge Removal	18,357	24,000	24,000	16,200
502203	Ground Care	11,305	11,700	11,700	13,200
502213	Fuel for Heating	4,510	10,000	10,000	8,300
502215	Oil & Lubricant	658	700	700	1,500
502255	Blueprints, Maps, & Charts	127	200	200	-
502287	Outside Services	-	-	-	1,400
502288	DEEP Nitrogen Credit Program	147,720	180,000	180,000	182,000
502295	Outside Testing & Lab Services	-	-	-	1,400
502350	Electricity	53,859	42,000	42,000	42,000
	Total Operations	283,668	325,100	325,100	325,000
<u>Maintenance</u>					
503207	Tool & Work Equipment	5,998	6,500	6,500	8,900
503209	Treatment Equipment	27,929	25,000	25,000	26,000
503310	Treatment Structures	7,314	8,500	8,500	7,700
	Total Maintenance	41,241	40,000	40,000	42,600
	Total Expenditure Classification	654,451	692,600	671,700	700,400

Funding Allocation

Sewer Revenues 100%	654,451	692,600	671,700	700,400
Total Funding Allocation	654,451	692,600	671,700	700,400

Authorized Positions

WPC Satellite Plant Supervisor	1	1	1	1
Water Pollution Control Crew Ldr 1	1	1	1	1
Water Pollution Control Plant Opr 2	2	2	2	2
Total Authorized Positions	4	4	4	4

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 2014 budget of \$942,700 is \$14,600 or 1.6% above the expenditure level adopted for 2013.

Payroll: \$14,400

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* has been increased slightly due to rate changes.

Operations: \$200

- *DEEP Nitrogen Credit Program* expenses are expected to decrease due to plant flow during the nitrogen removal season, which facilitates maximum nitrogen removal.
- *Outside Testing & Lab Services* have been increased due to additional required storm water permit testing.
- Expenses for *Electricity* are expected to increase based on market conditions, contract rate and usage.

Maintenance: \$0

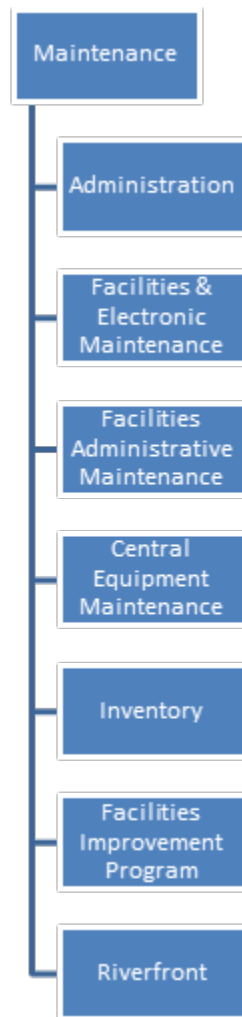
- No changes are anticipated.

Rocky Hill

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	341,437	353,900	337,000	363,400
501201	Overtime	31,548	36,200	50,100	41,100
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	3,200	3,300	3,300	3,300
501601	Longevity Pay	825	800	800	800
	Total Payroll	377,010	394,200	391,200	408,600
<u>Operations</u>					
502011	Meal Allowances	183	500	500	500
502026	Clothing & Apparel	2,377	2,600	2,600	2,600
502048	Grit/Screening Disposal	9,351	17,000	17,000	17,000
502061	Materials from Stock	7,051	3,400	3,400	3,400
502104	Janitorial Supplies	3,155	3,400	3,400	3,400
502107	Office Supplies & Expenses	1,573	1,800	1,800	1,800
502111	Small Tools	3,278	3,500	3,500	3,500
502138	Safety Equipment	2,997	3,000	3,000	3,000
502153	Chlorine	11,538	11,300	11,300	11,300
502184	Custodial Services	18,777	20,300	20,300	20,300
502188	Refuse Collection	896	1,500	1,500	1,500
502203	Ground Care	2,400	8,300	8,300	8,300
502212	Fuel for Pumping	687	2,000	2,000	2,000
502213	Fuel for Heating	9,104	12,700	12,700	12,700
502215	Oil & Lubricant	351	5,100	5,100	5,100
502288	DEEP Nitrogen Credit Program	89,419	80,000	80,000	72,000
502295	Outside Testing & Lab Services	-	-	-	2,200
502304	Pest Control Services	-	700	700	700
502350	Electricity	321,247	261,000	261,000	267,000
	Total Operations	484,382	438,100	438,100	438,300
<u>Maintenance</u>					
503205	Pump Station Equipment	(160)	-	-	-
503207	Tool & Work Equipment	2,731	3,300	3,300	3,300
503209	Treatment Equipment	56,194	70,000	70,000	70,000
503301	Building Maintenance	5,664	7,500	7,500	7,500
503310	Treatment Structures	13,479	15,000	15,000	15,000
	Total Maintenance	77,907	95,800	95,800	95,800
	Total Expenditure Classification	939,300	928,100	925,100	942,700
<u>Funding Allocation</u>					
	Sewer Revenues 100%	939,300	928,100	925,100	942,700
	Total Funding Allocation	939,300	928,100	925,100	942,700
<u>Authorized Positions</u>					
	WPC Satellite Plant Supervisor	1	1	1	1
	Water Pollution Control Crew Ldr 1	1	1	1	1
	Water Pollution Control Plant Opr 2	3	3	3	3
	Total Authorized Positions	5	5	5	5

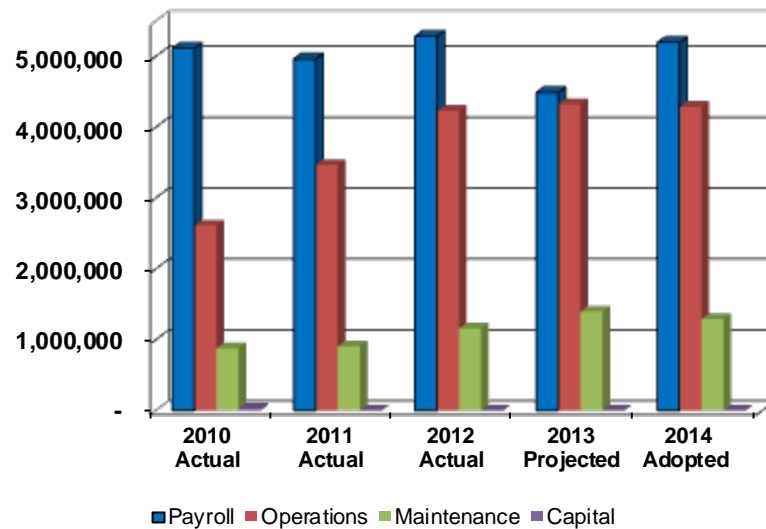
Maintenance

Administration
Facility & Electronic Maintenance
Administrative Facilities Maintenance
Central Equipment Maintenance
Inventory
Facility Improvement Program
Riverfront

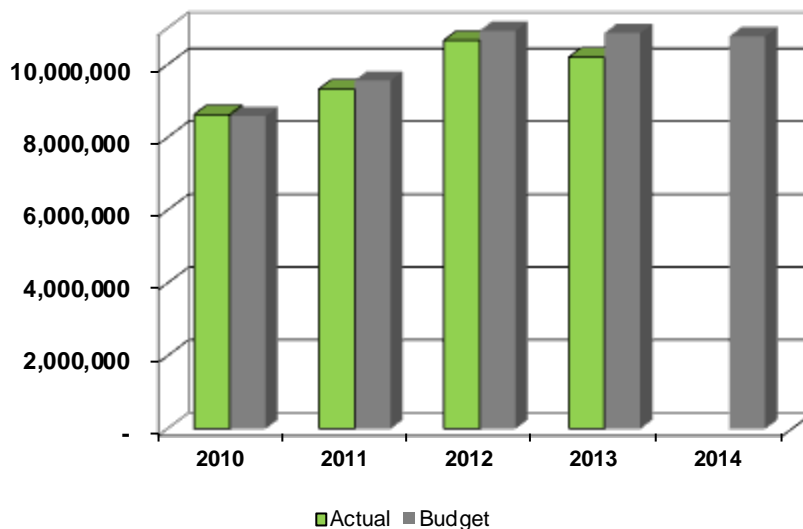


Maintenance

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	5,112,394	4,963,333	5,282,112	4,489,200	5,196,800
Operations	2,612,852	3,466,796	4,230,596	4,324,600	4,287,300
Maintenance	877,216	904,217	1,158,277	1,395,100	1,291,300
Capital	29,037	-	-	-	-
Total	8,631,498	9,334,346	10,670,985	10,208,900	10,775,400



	2010	2011	2012	2013	2014
Actual	8,631,498	9,334,346	10,670,985	10,208,900	
Budget	8,585,600	9,561,000	10,928,900	10,865,400	10,775,400
Variance	45,898	(226,654)	(257,915)	(656,500)	

Maintenance

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 budget for 2014 is \$10,775,400, which is down \$90,000 or 0.8% below the expenditure level adopted for 2013 in support of current year programs and operations. Budget details regarding the activity and departments are provided on succeeding pages.

Maintenance

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	236,851	253,700	246,100	245,500
Facilities and Electronic Maintenance	4,626,239	5,086,800	4,634,700	4,939,400
Administrative Facilities Maintenance	1,017,737	1,478,000	1,478,000	1,470,200
Central Equipment Maintenance	4,232,053	3,626,300	3,461,600	3,600,000
Inventory	558,106	420,600	388,500	520,300
Total Summary by Activity	10,670,985	10,865,400	10,208,900	10,775,400
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	4,497,676	4,371,200	3,900,600	4,509,200
Overtime	767,141	719,300	533,400	632,000
Temporary Help	-	-	-	-
Standby & Premium Pay	8,220	46,300	46,300	46,300
Longevity Pay	9,075	8,900	8,900	9,300
Total Payroll	5,282,112	5,145,700	4,489,200	5,196,800
Operations	4,230,596	4,324,600	4,324,600	4,287,300
Maintenance	1,158,277	1,395,100	1,395,100	1,291,300
Total Summary by Major Account	10,670,985	10,865,400	10,208,900	10,775,400
<u>Funding Allocation</u>				
Sewer Revenues 49%	5,228,783	5,324,000	5,002,400	5,279,900
Water Revenues 51%	5,442,202	5,541,400	5,206,500	5,495,500
Total Funding Allocation	10,670,985	10,865,400	10,208,900	10,775,400
<u>Authorized Positions</u>				
Administration	2	2	2	2
Facilities and Electronic Maintenance	31	32	32	30
Administrative Facilities Maintenance	1	-	-	-
Central Equipment Maintenance	18	17	17	17
Inventory	7	5	5	6
Total Authorized Positions	59	56	56	55

Administration**Description**

The Manager of Maintenance is responsible for the planning and scheduling for 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 Administrative Assistant.

Budget Commentary

The Maintenance, Administration budget for 2014 is \$245,500. This is down \$8,200 or 3.2% from the expenditure level adopted for 2013.

Payroll: \$11,800

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

Operations: (\$20,000)

- *Consulting Services* are not required for 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<i>Payroll</i>				
501101	Regular Pay	215,101	220,600	212,200	232,400
501201	Overtime	6,726	2,000	2,800	2,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	800	1,100	1,100	1,100
	<i>Total Payroll</i>	222,627	223,700	216,100	235,500
	<i>Operations</i>				
502026	Clothing Apparel	300	300	300	300
502270	Seminars & Conventions	2,784	5,900	5,900	5,900
502271	Dues-Professional Associations	190	800	800	800
502272	Books & Subscriptions	-	1,500	1,500	1,500
502274	Meeting Expenses	950	1,500	1,500	1,500
502296	Consulting Services	10,000	20,000	20,000	-
	<i>Total Operations</i>	14,224	30,000	30,000	10,000
	<i>Total Expenditure Classification</i>	236,851	253,700	246,100	245,500
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	116,057	124,300	120,600	120,300
	Water Revenues 51%	120,794	129,400	125,500	125,200
	<i>Total Funding Allocation</i>	236,851	253,700	246,100	245,500
	<u>Authorized Positions</u>				
	Manager of Plant Maintenance	1	1	1	1
	Administrative Assistant	1	1	1	1
	<i>Total Authorized Positions</i>	2	2	2	2

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 budget of \$4,939,400 is down \$147,400 or 2.9% from the expenditure level adopted for 2013.

Payroll: (\$75,700)

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred to Customer Service – Administration (2110015) and one position was transferred to Water Treatment – West Hartford (5022020).
- *Overtime* expenses are expected to be lower.

Operations: \$2,100

- Expenses for *Communication Equipment & Supplies, Security and Equipment Rental* are being reduced as a result of the implementation of CMMS contributed to the reduction of operating expenses.
- An increase in *Fuel for Heating* based on previous year's usage and price increases.

Maintenance: (\$73,800)

- Expenses for *Land and Pump Station Equipment* are projected to be lower as a result of the implementation of CMMS contributed to the reduction of operating expenses.

Facilities & Electronic Maintenance

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	2,431,332	2,475,400	2,127,200	2,466,800
501201	Overtime	628,300	567,300	463,400	500,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	7,840	32,500	32,500	32,500
501601	Longevity Pay	5,225	5,600	5,600	5,800
	Total Payroll	3,072,696	3,080,800	2,628,700	3,005,100
	<u>Operations</u>				
502011	Meal Allowances	4,543	5,300	5,300	5,300
502016	Police Services	-	6,000	6,000	6,000
502017	Postage	4,772	5,000	5,000	5,000
502022	Salt & Sand Ice Control	-	16,000	16,000	16,000
502026	Clothing & Apparel	25,667	27,400	27,400	27,400
502061	Materials from Stock	104,766	85,000	85,000	85,000
502103	Electrical Supplies	12,455	16,000	16,000	14,000
502104	Janitorial Supplies	3,376	5,000	5,000	4,000
502107	Office Supplies and Expense	4,315	5,100	5,100	5,100
502111	Small Tools	23,717	22,300	22,300	15,000
502112	Communication Equipment & Supplies	42,710	65,000	65,000	45,000
502119	Oil Spill Supplies	237	500	500	500
502138	Safety Equipment	8,020	10,000	10,000	10,000
502164	Weed Control Chemicals	1,101	5,000	5,000	5,000
502166	Odor Control Chemicals	2,450	5,000	5,000	5,000
502184	Custodial Services	33,631	45,800	45,800	45,800
502188	Refuse Collection	464	5,000	5,000	5,000
502190	Security	15,757	25,000	25,000	10,000
502203	Ground Care	12,167	20,000	20,000	16,800
502207	Tool & Work Equipment	3,366	4,200	4,200	4,200
502213	Fuel for Heating	54,295	83,400	83,400	150,000
502215	Oil & Lubricant	-	6,000	6,000	6,000
502255	Blueprints, Maps, & Charts	584	2,000	2,000	2,000
502274	Meeting Expenses	(148)	-	-	-
502319	Equipment Rental	63,680	60,000	60,000	50,000
502350	Electricity	739,595	945,900	945,900	945,900
502416	Computer Equipment & Supplies	5,506	15,000	15,000	9,000
	Total Operations	1,167,027	1,490,900	1,490,900	1,493,000
	<u>Maintenance</u>				
503101	Land	3,375	13,000	13,000	1,200
503138	Safety Equipment	13,576	12,500	12,500	12,500
503201	Communication Equipment	13,317	27,000	27,000	27,000
503205	Pump Station Equipment	105,219	120,000	120,000	60,000
503206	Stores Equipment Expense	704	20,000	20,000	20,000
503207	Tool & Work Equipment	27,068	19,000	19,000	19,000
503217	Infrastructure Software	77,142	67,100	67,100	67,100
503301	Building Maintenance	59,463	95,000	95,000	95,000
503307	Pump Stations	28,822	32,500	32,500	32,500
503312	Reservoir Structures	7,911	13,000	13,000	13,000
503313	Service Roads	5,986	20,000	20,000	18,000
503316	Dist Reservoir Standpipes Storage Tank	43,932	76,000	76,000	76,000
	Total Maintenance	386,515	515,100	515,100	441,300
	Total Expenditure Classification	4,626,239	5,086,800	4,634,700	4,939,400
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	2,266,857	2,492,500	2,271,000	2,420,300
	Water Revenues 51%	2,359,382	2,594,300	2,363,700	2,519,100
	Total Funding Allocation	4,626,239	5,086,800	4,634,700	4,939,400

Facilities & Electronic Maintenance

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Pump Station Maint. Supervisor	1	1	1	1
Plant Maintenance Supervisor	1	-	-	-
Pump Station Maintainer	1	-	-	-
Building and Grounds Maintainer	3	-	-	-
Carpenter	-	1	1	1
WS Maint Supervisor	1	1	1	1
WS Maintainer 2	-	2	2	1
WS Maintainer 3	-	1	1	1
Plant Maintenance Supervisor	1	1	1	1
Senior Maintenance Mechanic	-	1	1	1
Machinist/Maint. Mechanic	1	1	1	-
Maintenance Mechanic	4	5	5	6
Plant Maintainer	3	3	3	3
Plumber	1	1	1	1
Vehicle & Equipment Servicer	1	-	-	-
Elctrc/Elctrn Maint. Supervisor	1	1	1	1
Sr. Electronic Technician 1	-	-	-	-
Sr. Electronic Technician	2	2	2	2
Electronic Technician 2	5	5	5	5
Electrician 2	5	5	5	5
Electrician 1	-	1	1	-
<i>Total Authorized Positions</i>	31	32	32	30

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 \$1,470,200 budget for the Administrative Facilities for 2014 is down \$7,800 or 0.5% down from the expenditure level adopted for 2013.

Payroll: \$0

- No changes are anticipated.

Operations: (\$7,800)

- *Janitorial Supplies* expenses are anticipated to decrease due to market conditions.

Maintenance: \$0

- No changes are anticipated.

Administrative Facilities Maintenance

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	26,503	-	-	-
501201	Overtime	7,470	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	33,972	-	-	-
	<u>Operations</u>				
502011	Meal Allowances	330	-	-	-
502022	Salt & Sand Ice Control	328	1,500	1,500	1,500
502028	Property Taxes	-	-	-	-
502061	Materials from Stock	1,029	6,000	6,000	6,000
502103	Electrical Supplies	8,640	10,500	10,500	10,500
502104	Janitorial Supplies	11,927	37,800	37,800	30,000
502111	Small Tools	400	-	-	-
502184	Custodial Services	121,764	212,000	212,000	212,000
502185	Heating Ventilating & Air Conditioning	40,543	54,000	54,000	54,000
502188	Refuse Collection	35,118	52,900	52,900	52,900
502190	Security	6,380	6,700	6,700	6,700
502213	Fuel for Heating	81,131	239,600	239,600	239,600
502304	Pest Control Services	6,525	10,600	10,600	10,600
502350	Electricity	365,736	455,900	455,900	455,900
502351	Heating & Air Conditioning	153,701	190,500	190,500	190,500
	Total Operations	833,552	1,278,000	1,278,000	1,270,200
	<u>Maintenance</u>				
503301	Building Maintenance	150,221	200,000	200,000	200,000
503207	Tool & Work Equipment	(8)	-	-	-
	Total Maintenance	150,213	200,000	200,000	200,000
	Total Expenditure Classification	1,017,737	1,478,000	1,478,000	1,470,200
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	498,691	724,200	724,200	720,400
	Water Revenues 51%	519,046	753,800	753,800	749,800
	Total Funding Allocation	1,017,737	1,478,000	1,478,000	1,470,200
	<u>Authorized Positions</u>				
	Facility Maintainer	1	-	-	-
	Total	1	-	-	-

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 budget for 2014 is \$3,600,000, which is below the 2013 approved level by \$26,300 or 0.7%.

Payroll: \$12,300

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* expenses are lower due to decreased maintenance activities.
- *Longevity* has increased due to participation.

Operations: (\$8,600)

- *Office Supplies & Expenses* and *Consultant Services* expenses are expected to be lower in 2014.

Maintenance: (\$30,000)

- Expenses for *Building Maintenance* have been aligned with historical spending.

Central Equipment Maintenance

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	1,340,827	1,332,900	1,232,500	1,365,000
501201	Overtime	53,325	100,000	35,700	80,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	380	800	800	800
501601	Longevity Pay	2,225	2,200	2,200	2,400
	Total Payroll	1,396,757	1,435,900	1,271,200	1,448,200
	<u>Operations</u>				
502011	Meal Allowances	30	300	300	300
502013	Permits	190	2,500	2,500	2,500
502026	Clothing & Apparel	8,501	16,000	16,000	16,000
502032	Inventory Adjustments	(147)	-	-	-
502061	Materials From Stock	978,745	200,000	200,000	200,000
502103	Electrical Supplies	1,810	3,300	3,300	3,300
502104	Janitorial Supplies	2,622	6,900	6,900	6,900
502107	Office Supplies & Expenses	4,080	5,600	5,600	3,000
502111	Small Tools	17,304	18,000	18,000	18,000
502138	Safety Equipment	15,024	25,000	25,000	25,000
502167	Wash-Bay Chemicals	35,375	36,500	36,500	36,500
502184	Custodial Services	11,970	12,500	12,500	12,500
502188	Refuse Collection	9,791	12,000	12,000	12,000
502190	Security	3,138	6,000	6,000	6,000
502210	Propane Gas	6,446	10,000	10,000	10,000
502213	Fuel for Heating	9,108	30,000	30,000	30,000
502214	Gasoline	482,301	485,000	485,000	485,000
502216	Diesel Fuel	553,477	536,000	536,000	536,000
502271	Dues-Professional Associations	1,531	1,600	1,600	1,600
502274	Meeting Expense	382	1,500	1,500	1,000
502296	Consultant Services	998	10,000	10,000	4,500
502319	Equipment Rental	9,842	10,000	10,000	10,000
502350	Electricity	57,972	69,400	69,400	69,400
502352	Natural Gas	3,258	12,300	12,300	12,300
	Total Operations	2,213,747	1,510,400	1,510,400	1,501,800
	<u>Maintenance</u>				
503204	Power Operated Equipment	104,463	180,000	180,000	180,000
503207	Tool & Work Equipment	86,591	120,000	120,000	120,000
503208	Transportation Equipment	342,413	280,000	280,000	280,000
503211	Stationary Power Equipment	19,319	20,000	20,000	20,000
503301	Building Maintenance	68,763	80,000	80,000	50,000
	Total Maintenance	621,550	680,000	680,000	650,000
	Total Expenditure Classification	4,232,053	3,626,300	3,461,600	3,600,000
	<u>Funding Allocation</u>				
	Sewer Revenues 49%	2,073,706	1,776,900	1,696,200	1,764,000
	Water Revenues 51%	2,158,347	1,849,400	1,765,400	1,836,000
	Total Funding Allocation	4,232,053	3,626,300	3,461,600	3,600,000

Central Equipment Maintenance

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Vehicle and Equip. Maint. Supt.	1	1	1	1
Administrative Assistant	1	1	1	1
Vehicle and Equip. Repair Supervisor	1	1	1	1
Vehicle and Equip. Rep. Crew Leader	5	5	5	5
Vehicle and Equipment Mechanic 2	7	6	6	6
Equipment Fabricator	1	1	1	1
Power Equipment Mechanic	1	1	1	1
Vehicle and Equip. Body Mechanic	1	1	1	1
<i>Total Authorized Positions</i>	18	17	17	17

Inventory**Description**

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

Budget Commentary

The Inventory budget for 2014 is \$520,300, which is up \$99,700 or 23.7% higher than the 2013 approved level.

Payroll: \$102,700

- *Regular Pay* includes increments and cost-of-living increases. A position has been added for an Inventory Stock Superintendent.

Operations: (\$3,000)

- *Postage* allotment has been reduced based upon current projections.

Inventory

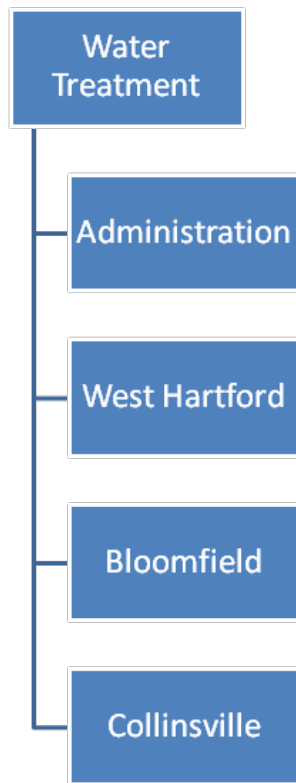
Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	483,914	342,300	328,700	445,000
501201	Overtime	71,321	50,000	31,500	50,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	13,000	13,000	13,000
501601	Longevity Pay	825	-	-	-
	Total Payroll	556,059	405,300	373,200	508,000
<u>Operations</u>					
502011	Meal Allowances	110	200	200	200
502017	Postage	-	10,000	10,000	7,000
502026	Clothing & Apparel	1,936	3,600	3,600	3,600
502107	Office Supplies & Expenses	-	1,000	1,000	1,000
502111	Small Tools	-	500	500	500
	Total Operations	2,046	15,300	15,300	12,300
	Total Expenditure Classification	558,106	420,600	388,500	520,300
<u>Funding Allocation</u>					
	Sewer Revenues 49%	273,472	206,100	190,400	254,900
	Water Revenues 51%	284,634	214,500	198,100	265,400
	Total Funding Allocation	558,106	420,600	388,500	520,300
<u>Authorized Positions</u>					
	Inventory Stock Clerk	1	1	1	1
	Inventory Stock Supt	-	-	-	1
	Plant Maintenance Supervisor	1	-	-	-
	Stock Specialist	1	1	1	1
	Yard Stock Specialist 1	1	1	1	-
	Yard Stock Specialist 2	-	-	-	1
	Stock Svcs Cr Leader	1	1	1	1
	Vehicle & Equip Stock Specialist	1	-	-	-
	Yard Stock Cr Leader	1	1	1	1
	Total Authorized Positions	7	5	5	6

Facility Improvement Program**Description/Budget Commentary**

The Facility Improvement Program department is a part of the Capital Improvement Program. Specific projects and details are located in the 2014 Capital Improvement Budget. There are 7 positions budgeted for the full year 2014 Capital Improvement Program budget.

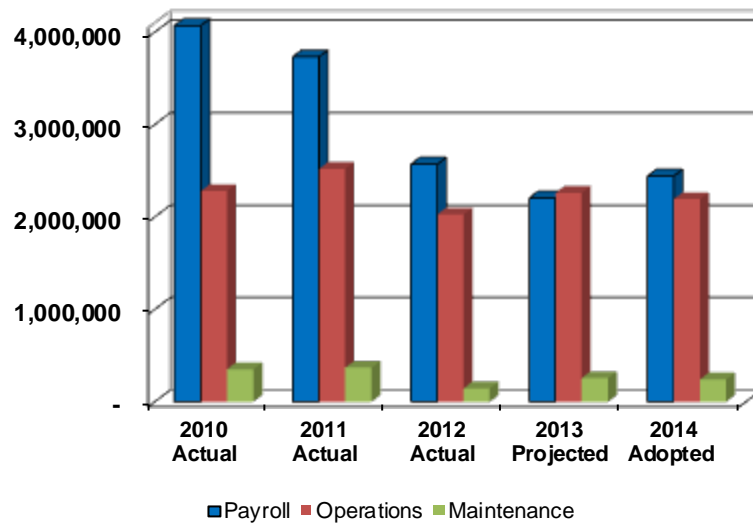
Water Treatment

Administration
West Hartford
Bloomfield
Collinsville

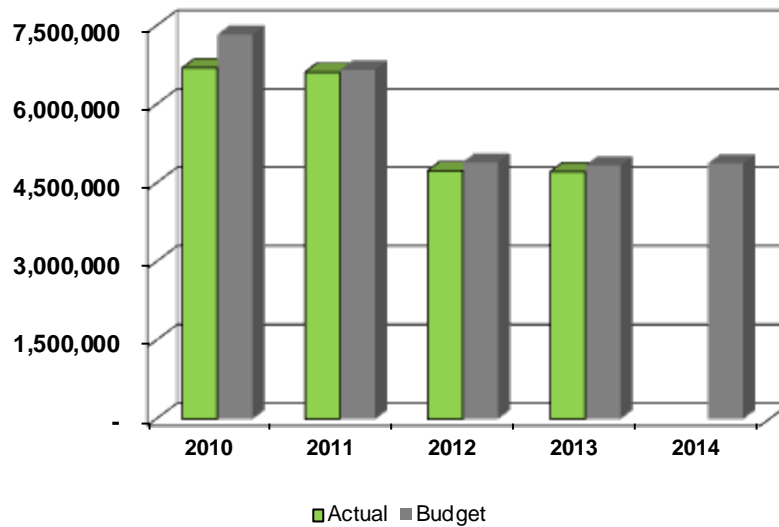


Water Treatment

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	4,070,604	3,731,462	2,569,269	2,203,700	2,439,800
Operations	2,279,451	2,519,042	2,025,518	2,259,500	2,191,600
Maintenance	351,479	368,552	144,216	256,000	241,500
Total	6,701,534	6,619,056	4,739,003	4,719,200	4,872,900



	2010	2011	2012	2013	2014
Actual	6,701,534	6,619,056	4,739,003	4,719,200	
Budget	7,334,700	6,662,800	4,896,600	4,838,400	4,872,900
Variance	(633,166)	(43,744)	(157,597)	(119,200)	

Water Treatment

Summary

Description

The Water Treatment 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 Administration activity, which is headed by the Manager of Water Treatment, oversees the following activities: Water Treatment, which includes the West Hartford, Bloomfield and Collinsville Water Treatment Facilities.

Budget Commentary

The Water Treatment department budget for 2014 is \$4,872,900, up \$34,500 or 0.7% above the 2013 appropriation. Budget details pertaining to the Water Treatment activities follow.

Water Treatment

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	208,046	383,000	362,400	385,700
West Hartford	2,860,750	2,814,900	2,885,400	2,808,100
Bloomfield	1,547,615	1,518,300	1,349,200	1,543,300
Collinsville	122,593	122,200	122,200	135,800
<i>Total Summary by Activity</i>	4,739,003	4,838,400	4,719,200	4,872,900
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	2,144,903	1,987,500	1,867,600	2,103,400
Overtime	332,477	291,600	292,300	288,900
Temporary Help	51,554	-	-	-
Standby & Premium Pay	36,286	39,700	39,700	43,800
Longevity Pay	4,050	4,100	4,100	3,700
<i>Total Payroll</i>	2,569,269	2,322,900	2,203,700	2,439,800
Operations	2,025,518	2,259,500	2,259,500	2,191,600
Maintenance	144,216	256,000	256,000	241,500
<i>Total Summary by Major Account</i>	4,739,003	4,838,400	4,719,200	4,872,900
<u>Funding Allocation</u>				
Water Revenues 100%	4,739,003	4,838,400	4,719,200	4,872,900
<i>Total Funding Allocation</i>	4,739,003	4,838,400	4,719,200	4,872,900
<u>Authorized Positions</u>				
Administration	2	3	3	3
West Hartford	17	16	16	17
Bloomfield	11	10	10	8
<i>Total Authorized Positions</i>	30	29	29	28

Administration**Description**

Headed by the Manager of Water Treatment, the Water Treatment Administration unit is responsible for managing operations associated with the purification and treatment of drinking water at the West Hartford and Bloomfield (Reservoir No. 6) and Collinsville facilities.

Budget Commentary

The 2014 Water Treatment Administration budget of \$385,700 is \$2,700 or 0.7% higher than the level adopted for 2013 operations.

Payroll: \$24,800

- *Regular Pay* includes increments and cost-of-living increases.
- Expenses for *Overtime* and *Standby & Premium Pay* have been increased to cover costs associated with the Superintendent position, which was moved from 5023020 in 2013.

Operations: (\$22,100)

- *Outside Services* expenses are decreasing based on historical costs.
- *Communication Equipment & Supply* expenses are decreasing. In 2013 new security cameras were installed.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	186,397	333,800	305,300	349,400
501201	Overtime	958	500	8,400	8,900
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	800
501601	Longevity Pay	1,150	1,500	1,500	1,500
	Total Payroll	188,504	335,800	315,200	360,600
	<u>Operations</u>				
502011	Meal Allowances	1,480	1,500	1,500	1,200
502026	Clothing & Apparel	1,277	1,000	1,000	400
502027	Mileage Reimbursement	-	200	200	-
502049	Licenses and Registration	285	300	300	800
502107	Office Supplies and Expenses	4,186	5,000	5,000	4,500
502112	Communication Equipment & Supply	-	8,000	8,000	-
502190	Security	-	-	-	1,000
502270	Seminars & Conventions	874	4,200	4,200	5,000
502271	Dues-Professional Associations	1,032	900	900	1,100
502272	Books & Subscriptions	252	500	500	500
502274	Meeting Expenses	594	600	600	600
502287	Outside Services	9,562	25,000	25,000	10,000
	Total Operations	19,541	47,200	47,200	25,100
	Total Expenditure Classification	208,046	383,000	362,400	385,700
	<u>Funding Allocation</u>				
	Water Revenues 100%	208,046	383,000	362,400	385,700
	Total Funding Allocation	208,046	383,000	362,400	385,700
	<u>Authorized Positions</u>				
	Manager of Water Treatment	1	1	1	1
	Senior Clerk	1	-	-	-
	WT Plant Superintendent	-	1	1	1
	Administrative Assistant	-	1	1	1
	Total Authorized Positions	2	3	3	3

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 budget for 2014 is \$2,808,100. This is a decrease of \$6,800 or 0.2% below the 2013 approved appropriation.

Payroll: \$170,000

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred from Maintenance – Facilities & Electronic Maintenance (4042015) and one position was transferred from Water Treatment – Bloomfield (5023020). One position was eliminated.
- *Overtime* expenses are expected to be lower in 2013, since the night shift was eliminated.
- *Longevity* has decreased due to participation.

Operations: (\$166,800)

- *Bed Wash Supplies* expenses are lower since new sand was purchased in 2013.
- *Water Treatment Chemicals* expenses are lower due to commodity price fluctuations and continued reduction in water production.
- *Outside Services* has increased due to contracted reconditioning costs of filter maintenance.

Maintenance: (\$10,000)

- *Treatment Equipment* and *Treatment Structures* have been reduced based upon historical spend.

West Hartford

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	1,158,323	1,000,300	1,099,000	1,179,000
501201	Overtime	206,869	198,300	170,100	190,000
501301	Temporary Help	51,554	-	-	-
501401	Standby & Premium Pay	18,785	20,000	20,000	20,000
501601	Longevity Pay	2,025	2,000	2,000	1,600
	Total Payroll	1,437,556	1,220,600	1,291,100	1,390,600
<u>Operations</u>					
502011	Meal Allowances	80	-	-	-
502026	Clothing & Apparel	4,120	7,800	7,800	7,500
502061	Material from Stock	5,153	1,000	1,000	2,500
502102	Bedwash Supplies	22,754	85,000	85,000	35,000
502103	Electrical Supplies	1,736	3,000	3,000	3,000
502104	Janitorial Supplies	3,977	5,000	5,000	5,000
502111	Small Tools	1,122	4,500	4,500	4,000
502119	Oil Spill Supplies	1,723	2,000	2,000	2,000
502138	Safety Equipment	2,022	4,000	4,000	4,000
502150	Water Treatment Chemicals	725,448	829,000	829,000	707,800
502184	Custodial Services	20,500	24,500	24,500	23,500
502188	Refuse Collection	6,306	8,000	8,000	8,000
502213	Fuel for Heating	66,048	70,000	70,000	61,300
502216	Diesel Fuel	752	1,500	1,500	1,500
502255	Blueprints, Maps, & Charts	694	1,000	1,000	1,000
502287	Outside Services	206,833	187,000	187,000	205,000
502350	Electricity	278,357	218,500	218,500	213,900
	Total Operations	1,347,625	1,451,800	1,451,800	1,285,000
<u>Maintenance</u>					
503138	Safety Equipment	177	500	500	500
503204	Power Operated Equipment	-	-	-	2,000
503205	Pump Station Equipment	501	2,000	2,000	-
503207	Tool & Work Equipment	4,192	5,000	5,000	5,000
503209	Treatment Equipment	36,763	60,000	60,000	55,000
503301	Building Maintenance	4,223	10,000	10,000	10,000
503310	Treatment Structures	29,713	65,000	65,000	60,000
	Total Maintenance	75,569	142,500	142,500	132,500
Total Expenditure Classification		2,860,750	2,814,900	2,885,400	2,808,100
<u>Funding Allocation</u>					
Water Revenues 100%		2,860,750	2,814,900	2,885,400	2,808,100
Total Funding Allocation		2,860,750	2,814,900	2,885,400	2,808,100

Water Treatment

5022020

West Hartford

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Water Treatment Plant Supervisor	-	1	1	1
Water Treatment Plant Supt.	1	-	-	-
Water Treatment Plant Shift Supv.	2	2	2	2
Water Treatment Plant Crew Leader	4	3	3	3
Water Treatment Plant Operator	7	6	6	7
Water Filter Bed Maint. Crew Leader	1	1	1	1
Water Filter Bed Maintainer	1	2	2	1
Construction and Repair Specialist	-	1	1	1
Sand Reconditioning Crew Leader	1	-	-	1
<i>Total Authorized Positions</i>	17	16	16	17

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 2014 budget for Bloomfield Water Treatment totals \$1,543,300, which is a \$25,000 or 1.6% increase from the 2013 approved level.

Payroll: (\$77,900)

- *Regular Pay* includes increments and cost-of-living increases. One position was eliminated and one position was moved to Water Treatment – West Hartford.
- *Overtime* expenses are expected to be lower in 2013.
- *Standby & Premium Pay* was increased due to the elimination of the midnight shift.

Operations: \$107,400

- The increase for *Water Treatment Chemicals* is related to commodity pricing fluctuations.
- Expenses for *Electricity* are expected to increase based on market conditions, contract rate and usage.

Maintenance: (\$4,500)

- *Treatment Structures* costs have been decreased based on historical usage.

Bloomfield

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	800,183	653,400	463,300	575,000
501201	Overtime	124,650	92,800	113,800	90,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	17,501	19,700	19,700	23,000
501601	Longevity Pay	875	600	600	600
	Total Payroll	943,209	766,500	597,400	688,600
<u>Operations</u>					
502026	Clothing & Apparel	3,747	3,500	3,500	3,500
502061	Material from Stock	164	3,500	3,500	3,500
502103	Electrical Supplies	2,383	2,400	2,400	2,400
502104	Janitorial Supplies	2,550	4,000	4,000	3,000
502111	Small Tools	-	3,000	3,000	2,500
502138	Safety Equipment	545	2,000	2,000	2,000
502150	Water Treatment Chemicals	316,134	430,000	430,000	501,600
502184	Custodial Services	20,750	21,300	21,300	23,000
502188	Refuse Collection	3,786	3,900	3,900	3,800
502191	Sludge Removal	2,118	5,000	5,000	4,000
502213	Fuel for Heating	36,440	41,100	41,100	41,100
502215	Oil & Lubricant	320	500	500	500
502255	Blueprints, Maps, & Charts	-	200	200	200
502319	Equipment Rental	-	1,000	1,000	1,000
502350	Electricity	159,817	134,900	134,900	171,600
	Total Operations	548,753	656,300	656,300	763,700
<u>Maintenance</u>					
503138	Safety Equipment	2,859	4,500	4,500	4,000
503207	Tool & Work Equipment	347	2,000	2,000	2,000
503209	Treatment Equipment	42,930	45,000	45,000	45,000
503301	Building Maintenance	85	5,000	5,000	5,000
503310	Treatment Structures	9,433	39,000	39,000	35,000
	Total Maintenance	55,653	95,500	95,500	91,000
	Total Expenditure Classification	1,547,615	1,518,300	1,349,200	1,543,300
<u>Funding Allocation</u>					
	Water Revenues 100%	1,547,615	1,518,300	1,349,200	1,543,300
	Total Funding Allocation	1,547,615	1,518,300	1,349,200	1,543,300
<u>Authorized Positions</u>					
	Water Treatment Plant Supt.	1	-	-	-
	Water Treatment Plant Crew Leader	4	4	4	4
	Water Treatment Plant Operator	5	5	5	3
	Water Treatment Plant Shift Supv.	1	1	1	1
	Total Authorized Positions	11	10	10	8

Collinsville**Description**

The Water Treatment, Collinsville sub-activity, is responsible for the treatment of approximately 600,000 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 2014 budget for Water Treatment, Collinsville is \$135,800 which is \$13,600 or 11.1% higher than the 2013 adopted level.

Operations: \$13,600

- Expenses for *Electricity* are expected to increase based on market conditions, contract rate and usage.

Maintenance: \$0

- There are no changes anticipated for 2014.

Collinsville

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	-
501201	Overtime	-	-	-	-
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	-	-	-	-
	<u>Operations</u>				
502103	Electrical Supplies	319	500	500	700
502111	Small Tools	-	700	700	700
502137	Fire Equipment	-	600	600	600
502150	Water Treatment Chemicals	19,991	19,500	19,500	20,500
502191	Sludge Removal	2,674	7,000	7,000	4,000
502213	Fuel for Heating	19,704	25,400	25,400	23,000
502350	Electricity	66,911	50,500	50,500	68,300
	Total Operations	109,599	104,200	104,200	117,800
	<u>Maintenance</u>				
503209	Treatment Equipment	10,872	13,000	13,000	13,000
503301	Building Maintenance	728	2,000	2,000	2,000
503310	Treatment Structures	1,393	3,000	3,000	3,000
	Total Maintenance	12,994	18,000	18,000	18,000
	Total Expenditure Classification	122,593	122,200	122,200	135,800
	<u>Funding Allocation</u>				
	Water Revenues 0%	122,593	122,200	122,200	135,800
	Total Funding Allocation	122,593	122,200	122,200	135,800
	<u>Authorized Positions</u>				
	Water Treatment Plant Crew Leader	-	-	-	-
	Total Authorized Positions	-	-	-	-

Water Supply

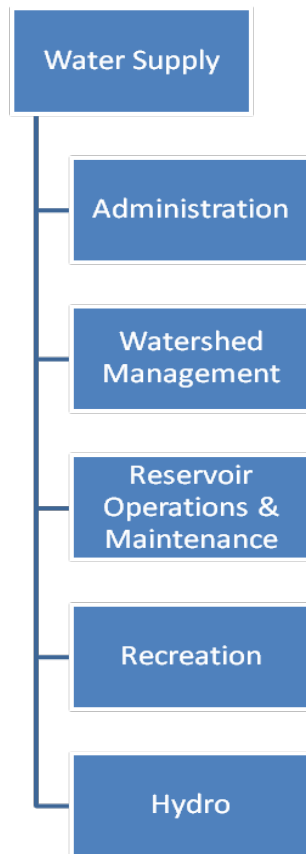
Administration

Watershed Maintenance

Reservoir Operations & Maintenance

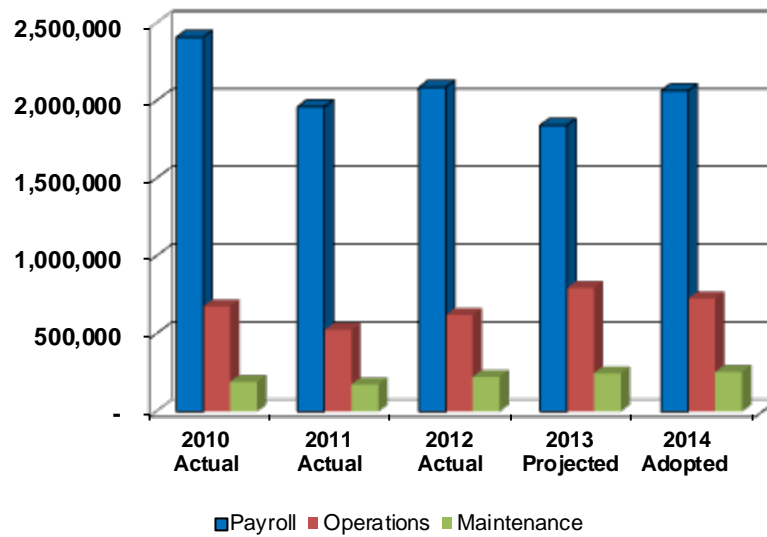
Recreation

Hydro

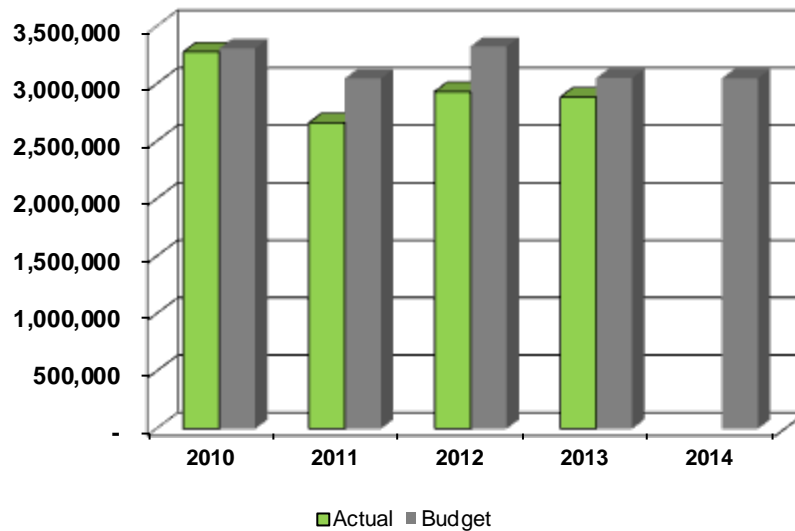


Water Supply

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	2,409,753	1,961,965	2,087,367	1,842,200	2,064,500
Operations	676,439	524,783	621,639	795,600	728,200
Maintenance	191,790	175,026	222,955	246,800	254,800
Total	3,277,983	2,661,774	2,931,960	2,884,600	3,047,500



	2010	2011	2012	2013	2014
Actual	3,277,983	2,661,774	2,931,960	2,884,600	
Budget	3,308,300	3,045,800	3,323,800	3,049,700	3,047,500
Variance	(30,317)	(384,026)	(391,840)	(165,100)	

Water Supply

Summary

Description

The Water Supply Department is responsible for the management, operation and maintenance of the District's Water Supply resources including watershed lands, reservoirs, dams, raw water transmission pipelines and tunnels. The department manages almost 30,000 acres of District owned land, plays a lead role in water system security, and operates and maintains public recreation areas on District reservoir properties.

The Water Supply Department is also responsible for river flow management, including the District's Riparian obligations on the Farmington River. The department operates and maintains the District's Goodwin and Colebrook Hydroelectric Facilities and works closely with the U.S. Army Corps of Engineers and the Federal Energy Regulatory Commission.

Budget Commentary

The total Water Supply department budget for 2014 is \$3,047,500 which is increased by \$2,200 or 0.1% above 2013 levels. Budget details pertaining to the Water Supply activities can be found on the following pages.

Water Supply

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	322,967	201,700	193,400	204,600
Watershed Management	442,799	531,200	422,500	510,500
Reservoir Operations & Maintenance	1,931,502	2,224,800	2,176,700	2,240,400
Recreation	234,693	92,000	92,000	92,000
Total Water Supply	2,931,960	3,049,700	2,884,600	3,047,500
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	1,746,570	1,766,000	1,622,900	1,802,400
Overtime	166,730	207,500	185,500	211,900
Temporary Help	168,512	27,000	27,000	43,000
Standby & Premium Pay	2,154	3,700	3,700	3,700
Longevity Pay	3,400	3,100	3,100	3,500
Total Payroll	2,087,367	2,007,300	1,842,200	2,064,500
Operations	621,639	795,600	795,600	728,200
Maintenance	222,955	246,800	246,800	254,800
Total Summary by Major Account	2,931,960	3,049,700	2,884,600	3,047,500
<u>Funding Allocation</u>				
Water Revenues 100%	2,931,960	3,049,700	2,884,600	3,047,500
Total Funding Allocation	2,931,960	3,049,700	2,884,600	3,047,500
<u>Authorized Positions</u>				
Administration	3	2	2	2
Watershed Management	6	6	6	5
Reservoir Operations & Maintenance	17	16	16	17
Total Authorized Positions	26	24	24	24

Administration**Description**

The Water Supply Administration Activity headed by the Manager of Water Supply, is responsible for the overall management of the department's major activities: Watershed Management, Reservoir Operations and Recreation. Administration is responsible for regulatory compliance with state and federal agencies including the Federal Energy Regulatory Commission.

Budget Commentary

The 2014 Water Supply Administration budget of \$204,600 is \$2,900 or 1.4% higher than the level adopted for 2013.

Payroll: \$4,100

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* expenses are expected to be lower in 2014.

Operations: (\$1,200)

- *Janitorial Supplies* expenses are decreasing based on having an adequate supply on hand.
- *Seminars and Conventions* were reduced last year, but have been included in 2014 for continued education of staff.
- *Costs for Dues –Professional Associations* has been aligned with historical spend.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	265,548	185,500	178,700	190,100
501201	Overtime	222	1,500	-	1,000
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	1,150	800	800	800
	Total Payroll	266,920	187,800	179,500	191,900
	<u>Operations</u>				
502011	Meal Allowances	60	800	800	800
502013	Permits	1,410	2,000	2,000	2,000
502026	Clothing & Apparel	600	800	800	800
502027	Mileage Reimbursement	-	300	300	300
502049	Licenses and Registrations	870	1,000	1,000	1,000
502104	Janitorial Supplies	3,511	3,000	3,000	2,500
502107	Office Supplies & Expenses	3,790	4,000	4,000	3,500
502270	Seminars and Conventions	3,724	-	-	1,300
502271	Dues-Professional Associations	441	1,500	1,500	500
502272	Books & Subscriptions	285	500	500	-
502287	Outside Services	41,355	-	-	-
	Total Operations	56,047	13,900	13,900	12,700
	Total Expenditure Classification	322,967	201,700	193,400	204,600
	<u>Funding Allocation</u>				
	Water Revenues 100%	322,967	201,700	193,400	204,600
	Total Funding Allocation	322,967	201,700	193,400	204,600
	<u>Authorized Positions</u>				
	Manager of Water Supply	1	1	1	1
	Land Use Coordinator	1	-	-	-
	Senior Clerk	1	1	1	1
	Total Authorized Positions	3	2	2	2

Watershed Management

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 2014 budget totals \$510,500. This is \$20,700 or 3.9% lower than the budget for the 2013.

Payroll: (\$27,700)

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred to Water Supply – Reservoir Operations & Maintenance (5033020).
- *Overtime* expenses are expected to be lower in 2014.
- Expenses for *Temporary Help* have been increased to provide additional coverage.
- *Longevity* has increased due to participation

Operations: \$4,000

- Increase in *Custom Sawing* based on historical trends.
- *Outside Services* have been aligned with historical spend.

Maintenance: \$3,000

- Expenses for *Land* have been increased based upon historical spend.

Watershed Management

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	378,753	448,500	363,500	406,700
501201	Overtime	20,572	38,000	14,300	35,900
501301	Temporary Help	-	-	-	16,000
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	825	900	900	1,100
	Total Payroll	400,151	487,400	378,700	459,700
	<u>Operations</u>				
502005	Custom Sawing	-	3,500	3,500	1,500
502026	Clothing & Apparel	2,156	3,000	3,000	3,000
502049	Licenses and Registration	2,631	2,200	2,200	2,200
502061	Material from Stock	-	200	200	200
502101	Alloy Chain	1,190	1,100	1,100	1,100
502107	Office Supplies & Expense	706	900	900	900
502111	Small Tools	3,960	4,500	4,500	4,500
502115	Computer Software	-	500	500	500
502119	Oil Spill Supplies	1,422	2,300	2,300	2,300
502251	Printed Forms	1,297	1,700	1,700	1,700
502255	Blueprints, Maps, & Charts	166	1,000	1,000	1,000
502287	Outside Services	15,413	12,000	12,000	18,000
	Total Operations	28,942	32,900	32,900	36,900
	<u>Maintenance</u>				
503101	Land	10,953	7,000	7,000	10,000
503203	Office Furniture & Equipment	71	1,200	1,200	1,200
503207	Tool & Work Equipment	2,700	2,700	2,700	2,700
503209	Treatment Equipment	(17)	-	-	-
	Total Maintenance	13,706	10,900	10,900	13,900
	Total Expenditure Classification	442,799	531,200	422,500	510,500
	<u>Funding Allocation</u>				
	Water Revenues 100%	442,799	531,200	422,500	510,500
	Total Funding Allocation	442,799	531,200	422,500	510,500
	<u>Authorized Positions</u>				
	Natural Resources Administrator	1	1	1	1
	Forester	1	1	1	1
	Forestry Technician	1	1	1	1
	Timber Cutter	-	-	-	-
	Logging Equipment Operator	1	1	1	1
	Water Supply Monitor	1	1	1	-
	Watershed Inspector	1	1	1	1
	Total Authorized Positions	6	6	6	5

Reservoir Operations & Maintenance

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 2014 Reservoir Operations and Maintenance budget of \$2,240,400 is increasing by \$15,600 or 0.7% above the level adopted for 2013.

Payroll: \$80,800

- *Regular Pay* includes increments and cost-of-living increases. One position was transferred from Water Supply – Water Shed Management (5032020).
- *Overtime* expenses are expected to be higher in 2014.
- *Longevity* has increased due to participation

Operations: (\$70,200)

- *Riparian Commitment* and *Colebrook Reservoir Lease* expenses are expected to be lower based upon current conditions.
- Expenses for *Fuel for Heating* are expected to be higher based on market conditions, contract rate and usage.

Maintenance: \$5,000

- Costs for *Service Roads* and *Land* are expected to increase next year, but *Building Maintenance* has been reduced.

Reservoir Operations & Maintenance

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	1,102,269	1,132,000	1,080,700	1,205,600
501201	Overtime	140,184	168,000	171,200	175,000
501401	Standby & Premium Pay	2,154	3,700	3,700	3,700
501601	Longevity Pay	1,425	1,400	1,400	1,600
	Total Payroll	1,246,032	1,305,100	1,257,000	1,385,900
	<u>Operations</u>				
502002	Colebrook Reservoir Lease	334,454	285,000	285,000	265,000
502006	Fertilizer	2,615	3,300	3,300	3,300
502013	Permits	-	500	500	500
502021	Riparian Commitment	-	120,000	120,000	60,000
502022	Salt & Sand Ice Control	-	3,900	3,900	3,900
502026	Clothing & Apparel	5,428	12,400	12,400	12,400
502049	Licenses & Registrations	479	600	600	600
502061	Material from Stock	76	1,000	1,000	1,000
502103	Electrical Supplies	1,607	1,800	1,800	1,800
502111	Small Tools	9,652	11,000	11,000	11,000
502112	Communication Equipment & Supplies	1,947	2,200	2,200	2,200
502137	Fire Equipment	-	2,900	2,900	2,900
502138	Safety Equipment	5,151	6,000	6,000	6,000
502164	Weed Control-Chemical & Supplies	-	700	700	700
502184	Custodial Services	12,737	20,000	20,000	20,000
502185	Heating Ventilating & Air Conditioning	-	500	500	500
502187	Septic Tank Pumping	-	6,300	6,300	6,300
502188	Refuse Collection	1,998	6,000	6,000	6,000
502207	Tool & Work Equipment	6,148	7,600	7,600	7,600
502213	Fuel for Heating	63,783	101,200	101,200	111,000
502287	Outside Services	5,730	6,000	6,000	6,000
502319	Equipment Rental	84	32,500	32,500	32,500
502350	Electricity	48,069	89,500	89,500	89,500
	Total Operations	499,958	720,900	720,900	650,700
	<u>Maintenance</u>				
503101	Land	8,962	10,000	10,000	15,000
503207	Tool & Work Equipment	903	2,800	2,800	2,800
503301	Building Maintenance	53,564	60,000	60,000	50,000
503304	Mains	10,507	8,500	8,500	8,500
503311	Other Source Structures	37,043	37,500	37,500	37,500
503312	Reservoir Structures	65,738	70,000	70,000	70,000
503313	Service Roads	8,796	10,000	10,000	20,000
	Total Maintenance	185,512	198,800	198,800	203,800
	Total Expenditure Classification	1,931,502	2,224,800	2,176,700	2,240,400
	<u>Funding Allocation</u>				
	Water Revenues 100%	1,931,502	2,224,800	2,176,700	2,240,400
	Total Funding Allocation	1,931,502	2,224,800	2,176,700	2,240,400

Reservoir Operations & Maintenance

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Water Supply Constr/Maint Supv.	1	1	1	1
Water Supply Maint. Crew Leader	1	1	1	1
Water Supply Maintainer 3	3	2	2	2
Water Supply Maintainer 2	1	4	4	5
Hydroelectric Plant Supervisor	1	1	1	1
Hydroelectric Plant Operator	4	3	3	3
Water Supply Maintainer 2	1	-	-	-
Plumber	1	1	1	1
Equipment Operator 1	2	1	1	1
Electrician 2	1	1	1	1
Construction and Repair Specialist	1	1	1	1
<i>Total Authorized Positions</i>	17	16	16	17

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 Recreation budget for 2014 totals \$92,000 which is unchanged from the level adopted for 2013.

Payroll: \$0

- There are no changes to the budget.

Operations: \$0

- There are no changes to the budget.

Maintenance: \$0

- There are no changes to the budget.

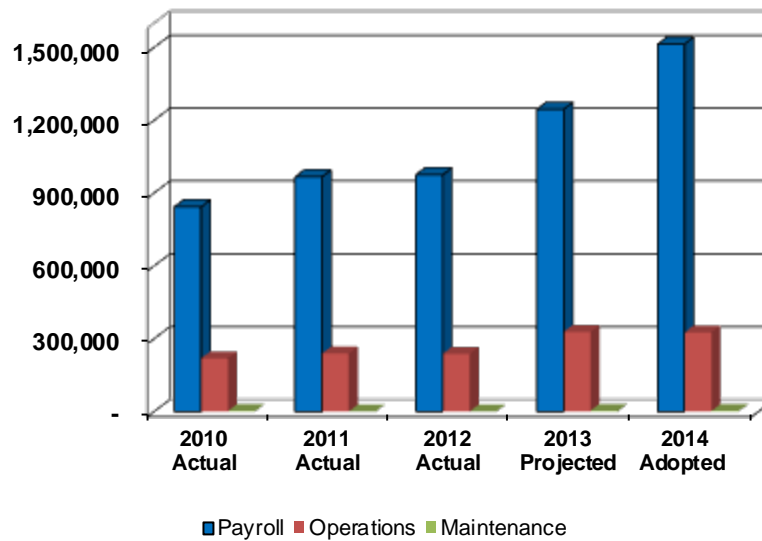
Recreation

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	-	-	-	-
501201	Overtime	5,751	-	-	-
501301	Temporary Help	168,512	27,000	27,000	27,000
501401	Standby & Premium Pay	-	-	-	-
501601	Longevity Pay	-	-	-	-
	Total Payroll	174,264	27,000	27,000	27,000
	<u>Operations</u>				
502026	Clothing & Apparel	1,824	-	-	-
502027	Mileage Reimbursement	98	-	-	-
502107	Office Supplies & Expenses	335	-	-	-
502111	Small Tools	-	400	400	400
502112	Communication Equipment & Supplies	2,983	-	-	-
502114	Recreation Supplies & Expenses	11,825	7,000	7,000	7,000
502136	Safety & First Aid Supplies	2,516	-	-	-
502187	Septic Tank Pumping	2,678	3,000	3,000	3,000
502195	Agency Hire	2,877	4,600	4,600	4,600
502207	Tool & Work Equipment	1,030	2,300	2,300	2,300
502287	Outside Services	4,989	-	-	-
502319	Equipment Rental	5,538	7,500	7,500	7,500
502350	Electricity	-	3,100	3,100	3,100
	Total Operations	36,692	27,900	27,900	27,900
	<u>Maintenance</u>				
503101	Land	7,276	7,500	7,500	7,500
503301	Building Maintenance	5,488	5,500	5,500	5,500
503313	Service Roads	7,401	10,500	10,500	10,500
503417	Recreation Equipment	3,571	13,600	13,600	13,600
	Total Maintenance	23,737	37,100	37,100	37,100
	Total Expenditure Classification	234,693	92,000	92,000	92,000
	<u>Funding Allocations</u>				
	Water Revenues 100%	234,693	92,000	92,000	92,000
	Total Funding Allocation	234,693	92,000	92,000	92,000

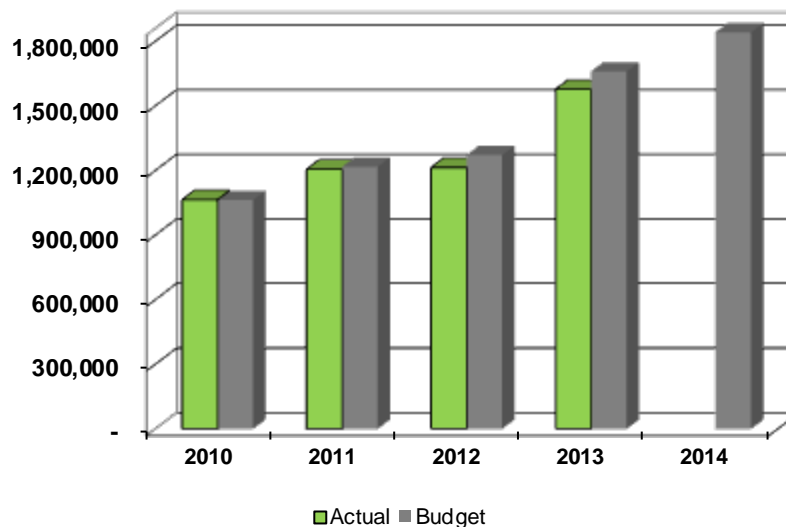
Patrol



Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	842,941	966,575	975,638	1,244,800	1,513,400
Operations	219,312	238,847	238,199	328,400	326,400
Maintenance	1,706	-	-	3,500	2,000
Total	1,063,958	1,205,422	1,213,837	1,576,700	1,841,800



	2010	2011	2012	2013	2014
Actual	1,063,958	1,205,422	1,213,837	1,576,700	
Budget	1,062,600	1,216,800	1,271,200	1,659,400	1,841,800
Variance	1,358	(11,378)	(57,363)	(82,700)	

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), and roadways in and adjacent to District properties. In 2013 the Patrol Department will be managing the Recreational Area.

Budget Commentary

The 2014 budget for the Patrol Administration and Recreation is \$1,841,800. The increase from the level approved for 2013 is \$182,400 or 11.0%. Budget details regarding the activity and departments are provided on succeeding pages.

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Administration	1,213,837	1,406,500	1,323,800	1,506,200
Recreation	-	252,900	252,900	335,600
Total Summary by Activity	1,213,837	1,659,400	1,576,700	1,841,800
<u>Summary by Major Account</u>				
Payroll				
Regular Pay	766,804	860,100	773,900	962,300
Overtime	126,922	132,100	135,600	132,100
Temporary Help	71,116	320,300	320,300	409,000
Standby & Premium Pay	10,797	15,000	15,000	10,000
Longevity Pay	-	-	-	-
Total Payroll	975,638	1,327,500	1,244,800	1,513,400
Operations	238,199	328,400	328,400	326,400
Maintenance	-	3,500	3,500	2,000
Capital Outlay	-	-	-	-
Total Summary by Major Account	1,213,837	1,659,400	1,576,700	1,841,800
<u>Funding Allocation</u>				
Water Revenues 0%	1,213,837	1,659,400	1,576,700	1,841,800
Total Funding Allocation	1,213,837	1,659,400	1,576,700	1,841,800
<u>Authorized Positions</u>				
Administration	11	11	11	12
Recreation	-	-	-	-
Total Authorized Positions	11	11	11	12

Administration**Description**

The Patrol Department was created in 2006 and is headed by a Patrol Commander. 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), and roadways in and adjacent to District properties. The Patrol Department comprises a Patrol Commander, a Patrol Lieutenant, two District Patrol Sergeants, six full-time Patrol Officers, an Administrative Clerk, a Land Use Coordinator and temporary Summer Patrol Officers. Patrol is responsible for the enforcement of MDC ordinances and state and local laws, as well as 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 State law and comply 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 Patrol budget for 2014 is \$1,506,200 which is \$99,700 or 7.1% higher than the 2013 budget.

Payroll: \$97,200

- *Regular Pay* includes increments and cost-of-living increases. One position has been added to oversee the recreation staff for 2014.
- *Standby & Premium Pay* has been reduced to historical levels.

Operations: \$4,000

- *Security* has increased due to staffing contract price increases consistent with the State of CT.
- Other line items in the budget have been realigned with historical spending levels.

Maintenance: (\$1,500)

- Expenses are expected to be lower in 2014.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Payroll</u>					
501101	Regular Pay	766,804	860,100	773,900	962,300
501201	Overtime	126,922	125,000	128,500	125,000
501301	Temporary Help	71,116	95,000	95,000	95,000
501401	Standby & Premium Pay	10,797	15,000	15,000	10,000
501601	Longevity Pay	-	-	-	-
	Total Payroll	975,638	1,095,100	1,012,400	1,192,300
<u>Operations</u>					
502011	Meal Allowances	120	500	500	300
502026	Clothing & Apparel	5,339	25,000	25,000	22,000
502107	Office Supplies & Expenses	2,006	4,000	4,000	4,000
502112	Communication Equipment & Supplies	15,221	20,000	20,000	17,300
502117	Field Supplies	3,673	6,000	6,000	4,500
502136	Safety & First Aid Supplies	-	4,000	4,000	2,000
502138	Safety Equipment	-	1,200	1,200	600
502184	Custodial Services	-	3,000	3,000	-
502190	Security	195,103	216,000	216,000	234,000
502207	Tool & Work Equipment	48	700	700	700
502270	Seminars and Conventions	4,653	5,000	5,000	5,000
502271	Dues-Professional Associations	1,042	1,500	1,500	1,000
502272	Books & Subscriptions	-	500	500	-
502287	Outside Services	10,994	20,500	20,500	20,500
	Total Operations	238,199	307,900	307,900	311,900
<u>Maintenance</u>					
503203	Office Furniture & Equipment	-	2,500	2,500	1,500
503207	Tool & Work Equipment	-	1,000	1,000	500
503208	Transportation	-	-	-	-
	Total	-	3,500	3,500	2,000
	Total Expenditure Classification	1,213,837	1,406,500	1,323,800	1,506,200
<u>Funding Allocation</u>					
	Water Revenues 100%	1,213,837	1,406,500	1,323,800	1,506,200
	Total Funding Allocation	1,213,837	1,406,500	1,323,800	1,506,200
<u>Authorized Positions</u>					
	District Patrol Commander/Manager	1	1	1	1
	District Patrol Lieutenant	2	1	1	1
	District Patrol Officer	7	7	7	6
	District Patrol Sergeant	1	1	1	2
	Land Use Coordinator	-	-	-	1
	Administrative Clerk	-	1	1	1
	Total Authorized Positions	11	11	11	12

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 Recreation budget for 2014 totals \$335,600 which is \$82,700 or 32.7% higher than the expenditure level adopted for 2013.

Payroll: \$88,700

- *Temporary help* has increased to provide for additional coverage.

Operations: (\$6,000)

- All items have been budgeted to anticipated spending levels.

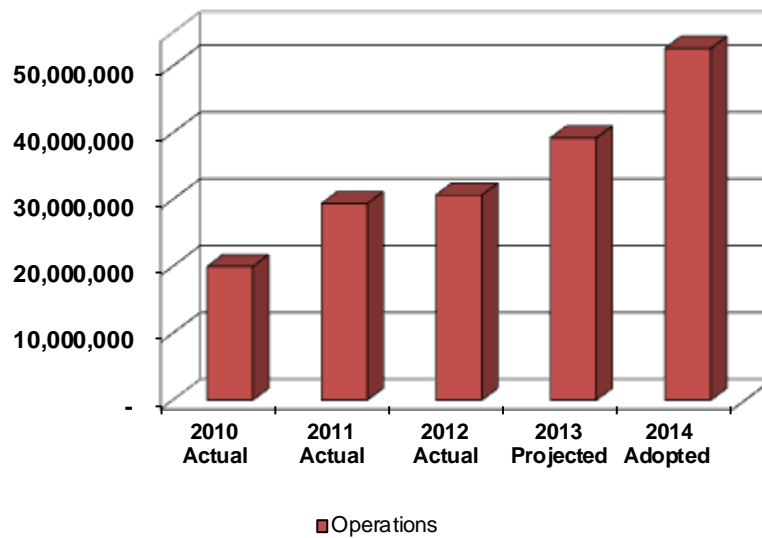
Recreation

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u><i>Payroll</i></u>				
501201	Overtime	-	7,100	7,100	7,100
501301	Temporary Help	-	225,300	225,300	314,000
	<i>Total Payroll</i>	-	232,400	232,400	321,100
	<u><i>Operations</i></u>				
502026	Clothing & Apparel	-	3,600	3,600	3,600
502027	Mileage Reimbursement	-	500	500	-
502107	Office Supplies & Expenses	-	400	400	400
502112	Communication Equipment & Supplies	-	3,000	3,000	2,400
502114	Recreation Supplies & Expenses	-	5,000	5,000	3,000
502136	Safety & First Aid Supplies	-	3,000	3,000	2,100
502287	Outside Services	-	5,000	5,000	3,000
	<i>Total Operations</i>	-	20,500	20,500	14,500
	<i>Total Expenditure Classification</i>	-	252,900	252,900	335,600
	<u><i>Funding Allocations</i></u>				
	Water Revenues 100%	-	252,900	252,900	335,600
	<i>Total Funding Allocation</i>	-	252,900	252,900	335,600

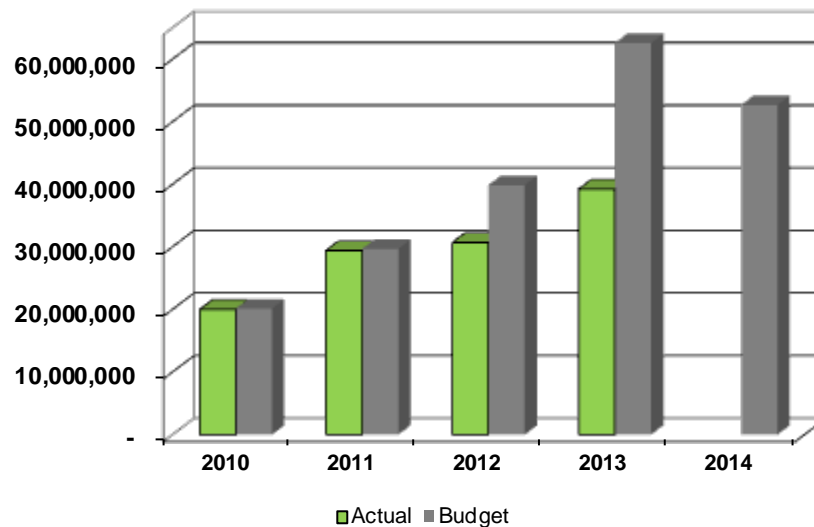
Debt Service

Debt Service

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Operations	19,975,322	29,407,714	30,692,882	39,227,000	52,635,200
Total	19,975,322	29,407,714	30,692,882	39,227,000	52,635,200



	2010	2011	2012	2013	2014
Actual	19,975,322	29,407,714	30,692,882	39,227,000	
Budget	20,126,000	29,679,000	39,847,100	62,538,700	52,635,200
Variance	(150,678)	(271,286)	(9,154,218)	(23,311,700)	

Debt Service

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 Debt Service budget for 2014 is \$52,635,200. This is a decrease of \$9,903,500 or 15.8% below the total adopted 2013 level. Budget details pertaining to the Debt Service activities can be found on the following pages.

Debt Service

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Legal Services	45,285	275,000	275,000	665,000
Interest & Note Issue Expense	28,883	1,644,000	-	2,629,700
Interest on Bonds	11,434,979	25,249,500	14,326,000	19,638,200
Principal on Bonds	19,183,735	35,370,200	24,626,000	29,702,300
<i>Total Expenditure Classification</i>	30,692,882	62,538,700	39,227,000	52,635,200
<i>Funding Allocation - (Composite)</i>				
Sewer Revenues 80%	20,502,729	50,262,400	28,816,300	37,914,700
Water Revenues 20%	10,190,153	12,276,300	10,410,700	14,720,500
<i>Total Funding Allocation</i>	30,692,882	62,538,700	39,227,000	52,635,200

Water Debt Service**Description**

Water Debt Service reflects the principal and interest on long-term debt (bonds) and short-term debt (notes) issued in support of the capital improvements to the District's water system.

Budget Commentary

Water Debt Service in 2014 totals \$13,153,800 which is \$2,504,800 or 23.5% higher than the 2013 adopted level.

- Expenses for *Legal Services* increased due to increased bond activity
- Expenses for *Interest & Note Issue Expense* have been reduced due to decreased short term debt activity
- *Interest on Bonds* is increasing due to amortization schedules.
- *Principal on Bonds* is increasing due to amortization schedules.

Water Debt Service

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<i>Operations</i>					
502292	Legal Services	13,199	125,000	125,000	133,000
502363	Interest & Note Issue Expense	5,915	789,000	-	529,900
502364	Interest on Bonds	3,464,287	4,334,000	3,515,000	5,150,400
508360	Principal on Bonds	5,318,584	5,401,000	5,411,000	7,340,500
<i>Total Expenditure Classification</i>		8,801,986	10,649,000	9,051,000	13,153,800
<i>Funding Allocation</i>					
Sewer Revenues 0%		-	-	-	-
Water Revenues 100%		8,801,986	10,649,000	9,051,000	13,153,800
<i>Total Funding Allocation</i>		8,801,986	10,649,000	9,051,000	13,153,800

Sewer Debt Service**Description**

Sewer Debt Service reflects the principal and interest due on long-term debt (bonds) and short-term debt (notes) issued in support of capital improvements to the District's wastewater system.

Budget Commentary

Sewer Debt Service payments due in 2014 totals \$36,409,500 which is \$12,289,400 or 25.2% lower than the 2013 adopted level.

- *Legal Services* have increased due to increased bond activity.
- *Interest & Note Issue Expense* has increased due to increased short term debt activity.
- *Interest on Bonds* expenses are decreasing due to amortization schedules.
- *Principal on Bonds* expenses are decreasing due to amortization schedules.

Debt Service

7021010

Sewer Debt Service

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<i>Operations</i>					
502292	Legal Services	32,085	150,000	150,000	532,000
502363	Interest & Note Issue Expense	23,186	855,000	-	2,099,800
502364	Interest on Bonds	6,925,898	19,239,000	9,659,000	13,250,300
502636	Special Publications	(218)	-	-	-
508360	Principal on Bonds	12,405,617	28,454,900	17,701,000	20,527,400
<i>Total Expenditure Classification</i>		19,386,568	48,698,900	27,510,000	36,409,500
<i>Funding Allocation</i>					
Sewer Revenues 100%		19,386,568	48,698,900	27,510,000	36,409,500
Water Revenues 0%		-	-	-	-
<i>Total Funding Allocation</i>		19,386,568	48,698,900	27,510,000	36,409,500

Combined Debt Service

Description

Combined Debt Service reflects the principal and interest due on long-term debt (bonds) and short-term debt (notes) issued in support of capital improvements to the District's various projects that are not directly associated with water or wastewater.

Budget Commentary

Combined Debt Service payments due in 2014 totals \$3,071,900 which is \$118,900 or 3.7% lower than the 2013 adopted level.

- *Interest on Bonds* has decreased based on amortization schedules.
- *Principal on Bonds* has increased based on amortization schedules.

Combined Debt Service

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<i>Operations</i>				
502364	Interest on Bonds	737,591	1,676,500	1,152,000	1,237,500
508360	Principal on Bonds	1,073,241	1,514,300	1,514,000	1,834,400
	<i>Total Expenditure Classification</i>	1,810,833	3,190,800	2,666,000	3,071,900
	<i>Funding Allocation</i>				
	Sewer Revenues 49%	887,308	1,563,500	1,306,300	1,505,200
	Water Revenues 51%	923,525	1,627,300	1,359,700	1,566,700
	<i>Total Funding Allocation</i>	1,810,833	3,190,800	2,666,000	3,071,900

Combined Debt Service — Information Technology

Description

The Combined Debt Service – Information Technology was transferred to Combined Debt Service (7022015) in 2012. The following information has been provided for information purposes only.

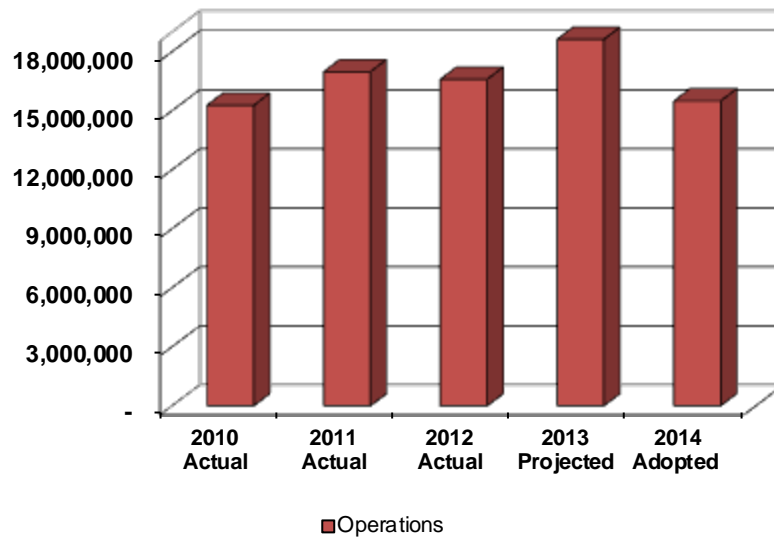
Combined Debt Service — Information Technology

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Operations</u>				
502364	Interest on Bonds	307,203	-	-	-
508360	Principal on Bonds	386,292	-	-	-
	<i>Total Expenditure Classification</i>	693,495	-	-	-
	<u>Funding Allocation</u>				
	Sewer Revenues 33%	228,853	-	-	-
	Water Revenues 67%	464,642	-	-	-
	<i>Total Funding Allocation</i>	693,495	-	-	-

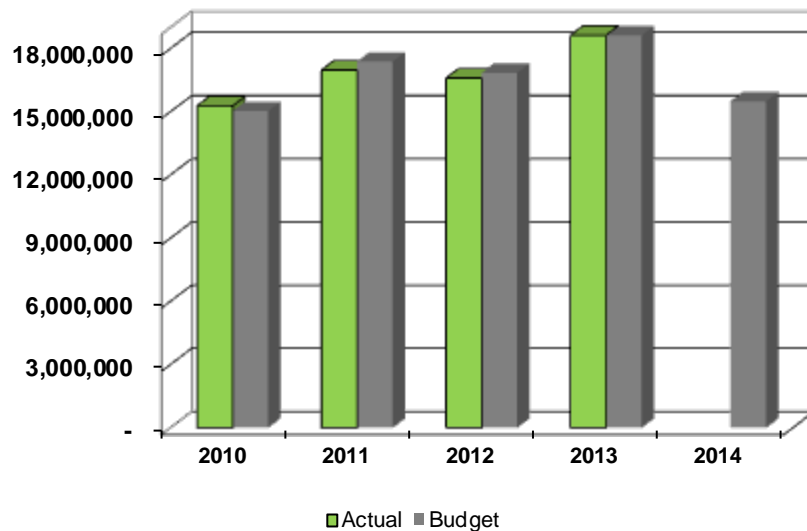
Employee Benefits

Employee Benefits

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Operations	15,276,493	16,982,139	16,599,868	18,627,200	15,493,300
Total	15,276,493	16,982,139	16,599,868	18,627,200	15,493,300



	2010	2011	2012	2013	2014
Actual	15,276,493	16,982,139	16,599,868	18,627,200	
Budget	15,033,100	17,381,600	16,842,700	18,627,200	15,493,300
Variance	243,393	(399,461)	(242,832)	-	

Employee Benefits

Summary

Description

The Employee Benefits account comprises all direct costs for employee medical insurance and other employee benefits.

Budget Commentary

The Employee Benefits budget totals \$15,493,300. This is a decrease of \$3,133,900 or 16.8% from the level adopted in 2013. Budget details pertaining to the allotments comprising the Employee Benefits account are on succeeding pages.

Employee Benefits

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<i>Summary by Activity</i>				
Employee Medical Insurances	9,238,740	11,251,300	11,251,300	11,236,000
Other Employee Benefits	7,361,128	7,375,900	7,375,900	4,257,300
<i>Total Summary by Activity</i>	16,599,868	18,627,200	18,627,200	15,493,300
<i>Funding Allocation (Composite)</i>				
Sewer Revenues 45%	7,408,599	8,382,300	8,326,300	6,972,000
Water Revenues 55%	9,191,269	10,244,900	10,300,900	8,521,300
<i>Total Funding Allocation</i>	16,599,868	18,627,200	18,627,200	15,493,300

Employee Medical Insurance

Description

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.

Budget Commentary

The 2014 Employee Medical Insurances account of \$11,236,000 is \$15,300 or 0.1% below the expenditure level adopted for 2013.

Operations: (\$15,300)

- Overall Costs associated with *Blue Shield* are expected to increase in 2014. Costs are allocated based upon payroll.
- The contribution to the OPEB Trust Fund has been decreased slightly in 2014. It is anticipated that there will be a positive fund balance in the OPEB Trust Fund in 2014 – 2015 based upon the District's plan. The portion of the contribution represented in this budget was allocated using the same methodology as the medical costs.

Employee Medical Insurance

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Operations</u>				
502500	Blue Cross	3,788,481	4,309,000	4,309,000	4,308,000
502501	Blue Shield	1,860,121	1,590,300	1,590,300	1,759,000
502502	Major Medical	-	1,000	1,000	1,000
502503	Group Life	24,138	150,000	150,000	150,000
502056	OPEB Trust Contribution	3,566,000	5,201,000	5,201,000	5,018,000
	Total Expenditure Classification	9,238,740	11,251,300	11,251,300	11,236,000
	<u>Funding Allocation</u>				
	Sewer Revenues 45%	4,183,367	5,063,100	5,029,300	5,056,200
	Water Revenues 55%	5,055,373	6,188,200	6,222,000	6,179,800
	Total Funding Allocation	9,238,740	11,251,300	11,251,300	11,236,000

Other Employee Benefits**Description**

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. The District also provides annual longevity payments to long-term employees. The Termination Pay allotment funds pay-offs for accrued vacation and earned and sick time to which employees are entitled upon retirement or termination. In addition, this budget reflects the District's costs for Social Security and Unemployment Compensation Insurance.

Budget Commentary

The Other Employee Benefits budget for 2014 totals \$4,257,300, decreasing by \$3,118,600 or 42.3% from the level adopted for 2013.

Payroll: \$0

- There are no expenditures for 2014.

Operations: (\$3,133,600)

- The contribution for *Pension Regular* is based upon the pension plan contributions recommended by the plan's actuary. This contribution does not reflect additional asset contributions planned for 2014. Costs are allocated using the same methodology as OBEP.
- *Social Security* has been increased based upon payroll increases and the increase in the withholding limit.

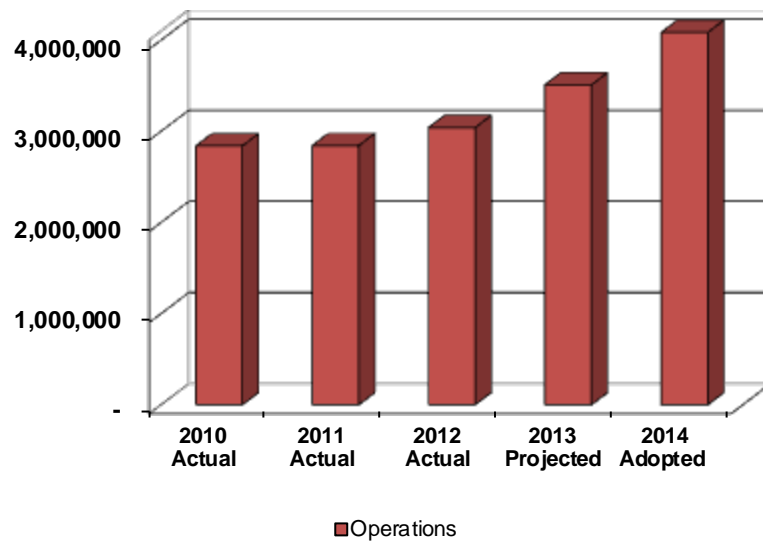
Other Employee Benefits

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501701	Termination Pay	2,000	-	-	-
	Total Payroll	2,000	-	-	-
	<u>Operations</u>				
502296	Consultant Services	23,000	100,000	100,000	100,000
502505	Pension Regular	4,615,225	4,401,000	4,401,000	1,158,000
502508	Social Security	2,662,391	2,824,900	2,824,900	2,949,300
502509	Unemployment Compensation	58,512	50,000	50,000	50,000
	Total Operations	7,359,128	7,375,900	7,375,900	4,257,300
	Total Expenditure Classification	7,361,128	7,375,900	7,375,900	4,257,300
	<u>Funding Allocation (Composite)</u>				
	Sewer Revenues 45%	3,225,232	3,319,200	3,297,000	1,915,800
	Water Revenues 55%	4,135,896	4,056,700	4,078,900	2,341,500
	Total Funding Allocation	7,361,128	7,375,900	7,375,900	4,257,300

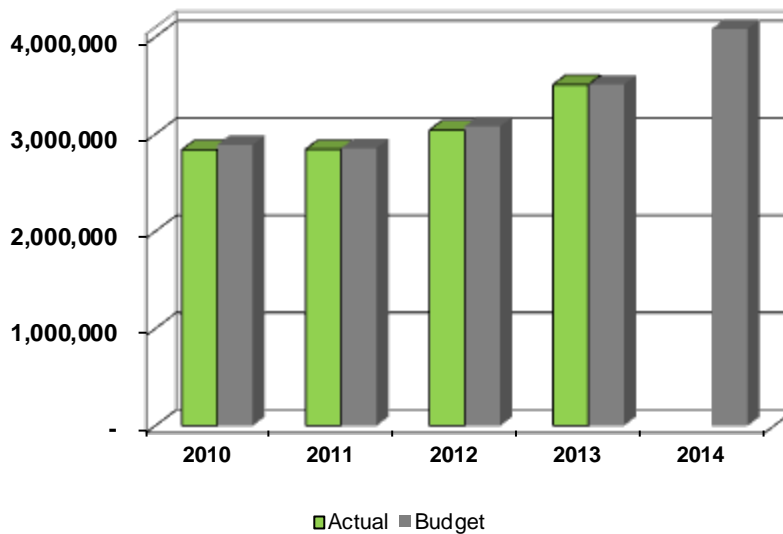
General Insurance

General Insurance

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Operations	2,840,561	2,843,470	3,041,135	3,509,900	4,084,900
Total	2,840,561	2,843,470	3,041,135	3,509,900	4,084,900



	2010	2011	2012	2013	2014
Actual	2,840,561	2,843,470	3,041,135	3,509,900	
Budget	2,890,700	2,855,000	3,080,200	3,509,900	4,084,900
Variance	(50,139)	(11,530)	(39,065)	-	

General Insurance

Summary

Description

The General Insurance account provides for the costs of insurance policies for property loss coverage, public and automobile liability coverage, workers' compensation coverage and specialized coverage for commissioners, machinery and performance indemnification. In addition, this account provides related funds for outside services (agent fees, consultant fees, specialized support, etc.), as well as contributions to the District's Self-Insurance Fund for payments of claims not covered by insurance.

Budget Commentary

The General Insurance budget for 2014 totals \$4,084,900, which is an increase of \$575,000 or 16.4% from the total adopted for 2013 insurance policies including deductibles and self-insurance funding requirements. Details pertaining to the individual allotments that comprise the General Insurance account are on succeeding pages.

General Insurance

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<i>Summary by Activity</i>				
Property Insurance	212,130	221,000	221,000	221,000
Liability - Compensation	1,129,005	1,338,900	1,338,900	1,338,900
Self Insurance	1,700,000	1,950,000	1,950,000	2,525,000
<i>Total Summary by Activity</i>	3,041,135	3,509,900	3,509,900	4,084,900
<i>Funding Allocation</i>				
Sewer Revenues 30%	916,643	1,053,000	1,053,000	1,225,500
Water Revenues 70%	2,124,492	2,456,900	2,456,900	2,859,400
<i>Total Funding Allocation</i>	3,041,135	3,509,900	3,509,900	4,084,900

Property**Description**

Property insurance policies 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.

Budget Commentary

The Property Insurance budget for 2014 is \$221,000, which is unchanged from the 2013 adopted level.

Operations: \$0

- No changes are anticipated for 2014.

General Insurance

7210015

Property

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502230	General Property	211,930	219,000	219,000	219,000
502232	Boiler Machinery	-	-	-	-
502244	Performance Bonds	200	2,000	2,000	2,000
Total Expenditure Classification		212,130	221,000	221,000	221,000
<u>Funding Allocation</u>					
Sewer Revenues 30%		65,341	66,300	66,300	66,300
Water Revenues 70%		146,789	154,700	154,700	154,700
Total Funding Allocation		212,130	221,000	221,000	221,000

Liability — Compensation

Description

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 and the cost of service fees from insurance brokers, consultants, and providers of technical/specialized support.

Budget Commentary

The Liability-Compensation budget for 2014 totals \$1,338,900, which is unchanged from the 2013 approved level.

Operations: \$0

- No changes are anticipated for 2014.

Liability — Compensation

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502224	Theft Liability	-	3,600	3,600	3,600
502226	Police Liability	12,484	13,200	13,200	13,200
502227	Fudiciary Liability	10,750	77,000	77,000	77,000
502234	Fidelity Bond	-	10,000	10,000	10,000
502237	Automobile Liability	72,033	77,000	77,000	77,000
502238	Public Liability	260,893	275,000	275,000	275,000
502240	Umbrella Liability	416,274	450,000	450,000	450,000
502243	Commissioner Accident Insurance	863	1,000	1,000	1,000
502245	Workers Comp Excess Coverage	159,766	184,000	184,000	184,000
502248	Employee Practices Liability	62,476	66,000	66,000	66,000
502263	Pollution Liability Insurance	59,862	61,000	61,000	61,000
502287	Outside Services	73,604	121,100	121,100	121,100
Total Expenditure Classification		1,129,005	1,338,900	1,338,900	1,338,900
<u>Funding Allocation</u>					
Sewer Revenues 30%		341,302	401,700	401,700	401,700
Water Revenues 70%		787,703	937,200	937,200	937,200
Total Funding Allocation		1,129,005	1,338,900	1,338,900	1,338,900

Self-Insurance**Description**

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 the following self-insured retention levels.

Budget Commentary

The Self-Insurance budget for 2014 totals \$2,525,000 which is \$575,000 or 29.5% higher than the 2013 year level.

Operations: \$575,000

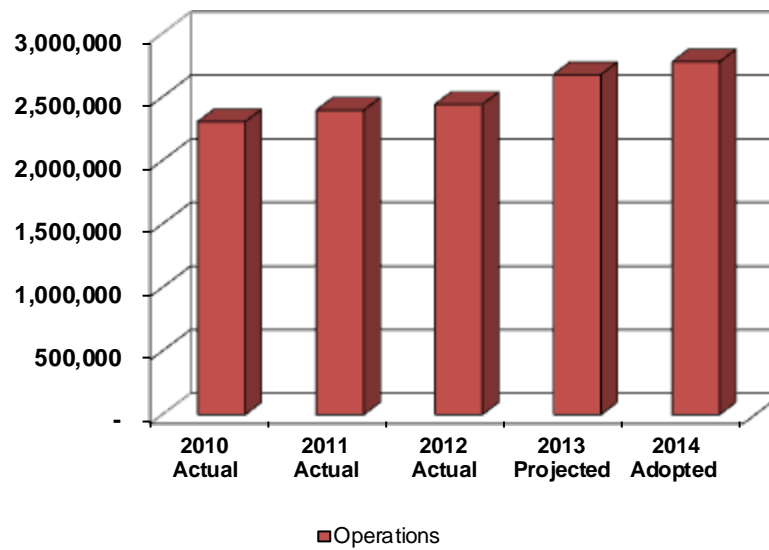
- Contributions to the Internal Service Fund have been increased to mitigate the existing deficit within the fund.

Self-Insurance

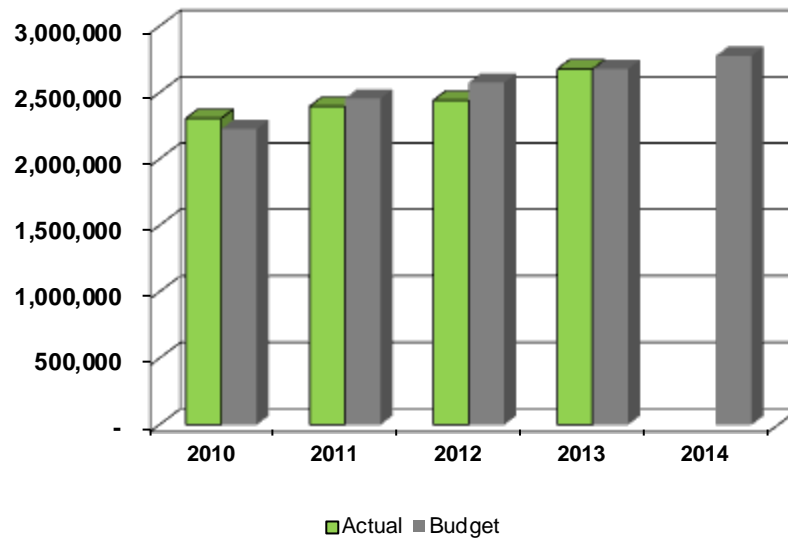
Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502239	Workers' Compensation-Claims	650,000	650,000	650,000	675,000
502242	Property Losses Not Insured	100,000	100,000	100,000	150,000
502247	Liability-Claims	250,000	500,000	500,000	700,000
502249	Incurred But Not Reported-Reserve	700,000	700,000	700,000	1,000,000
<i>Total Expenditure Classification</i>		1,700,000	1,950,000	1,950,000	2,525,000
<u>Funding Allocation</u>					
	Sewer Revenues 30%	510,000	585,000	585,000	757,500
	Water Revenues 70%	1,190,000	1,365,000	1,365,000	1,767,500
<i>Total Funding Allocation</i>		1,700,000	1,950,000	1,950,000	2,525,000

Taxes & Fees
Specials Agreements & Programs
Contingencies

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	-	-	-
Operations	2,306,558	2,396,652	2,442,178	2,677,000	2,777,000
Maintenance	-	-	-	-	-
Total	2,306,558	2,396,652	2,442,178	2,677,000	2,777,000



	2010	2011	2012	2013	2014
Actual	2,306,558	2,396,652	2,442,178	2,677,000	
Budget	2,225,000	2,455,000	2,575,000	2,677,000	2,777,000
Variance	81,558	(58,348)	(132,822)	-	

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 budget for 2014 totals \$2,777,000, which is \$100,000 or 3.7% above the expenditure level adopted for 2013.

Operations: \$100,000

- Increases are anticipated due to property tax increases.

Taxes & Fees

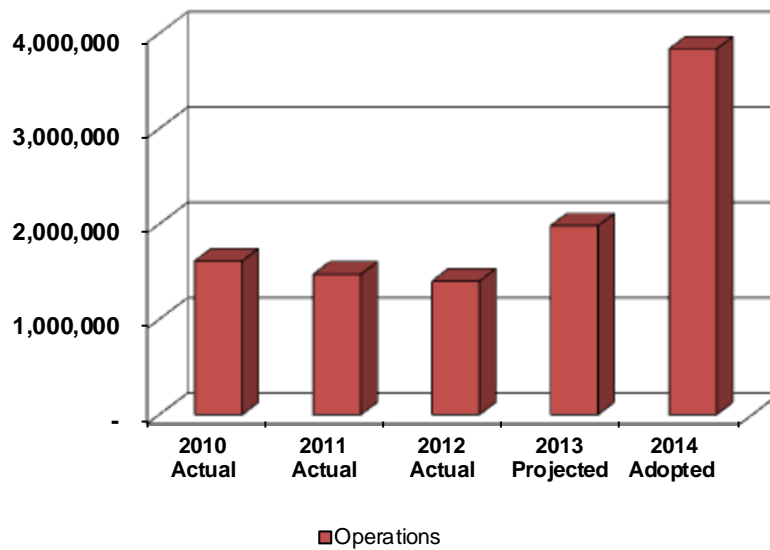
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Summary

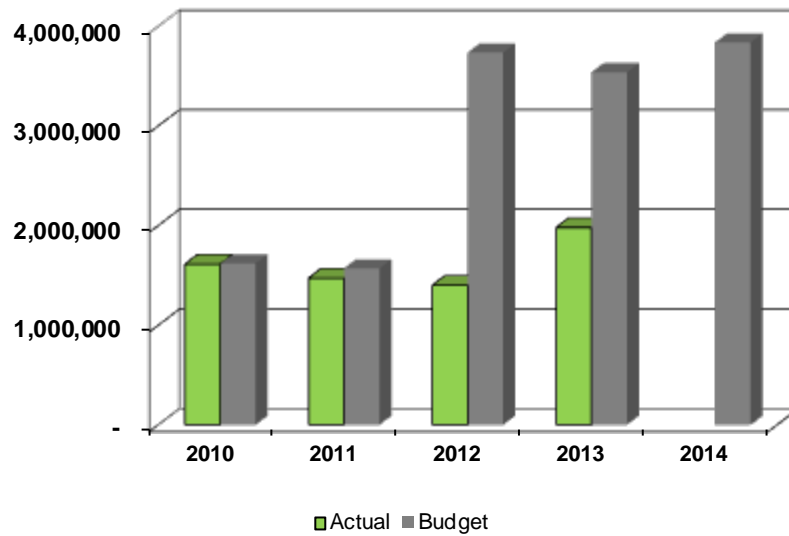
Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502028	Property Taxes	2,442,178	2,667,000	2,667,000	2,767,000
502306	Property Appraisals	-	10,000	10,000	10,000
<u>Total Expenditure Classification</u>		2,442,178	2,677,000	2,677,000	2,777,000
<u>Funding Allocation</u>					
Sewer Revenues 0%		-	-	-	-
Water Revenues 100%		2,442,178	2,677,000	2,677,000	2,777,000
<u>Total Funding Allocation</u>		2,442,178	2,677,000	2,677,000	2,777,000

Special Agreements & Programs

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	-	-	-
Operations	1,612,888	1,472,981	1,400,996	1,980,800	3,836,700
Maintenance	-	-	-	-	-
Total	1,612,888	1,472,981	1,400,996	1,980,800	3,836,700



	2010	2011	2012	2013	2014
Actual	1,612,888	1,472,981	1,400,996	1,980,800	
Budget	1,618,400	1,568,800	3,734,700	3,536,700	3,836,700
Variance	(5,512)	(95,819)	(2,333,704)	(1,555,900)	

Special Agreements & Programs

Summary

Description

The Special Agreements and Programs budget reflects the costs of special agreements, certain consultant engagements, and other activities not allocated to departmental budgets. The budget for 2014 totals \$3,836,700, is increasing by \$300,000 or 8.5% above the expenditure level adopted for 2013.

The *Colebrook Reservoir Lease* is a 50-year operating lease agreement with the U.S. Army Corps of Engineers for water storage rights, requiring minimum annual rental.

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 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 providing water distribution system interconnections per written agreement with The Connecticut Water Company and the Town of Berlin. It also represents 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.

Dues-Professional Associations funds the District's membership in the MetroHartford Alliance.

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

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

The *Glastonbury* account provides for 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.

The *Paving* program is for the repair of roads, driveways, parking lots or any other surface impacted by MDC workforce.

Special Agreements & Programs

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<i>Summary by Activity</i>				
Combined	-	-	-	-
Sewer	439,190	571,000	571,000	671,000
Water	961,805	2,965,700	1,409,800	3,165,700
<i>Total Summary by Activity</i>	1,400,996	3,536,700	1,980,800	3,836,700
<i>Funding Allocation</i>				
Sewer Revenues 16%	439,190	571,000	571,000	671,000
Water Revenues 84%	961,805	2,965,700	1,409,800	3,165,700
<i>Total Funding Allocation</i>	1,400,996	3,536,700	1,980,800	3,836,700

Sewer**Budget Commentary**

The Special Agreements and Programs budget totals \$671,000 for 2014, is \$100,000 or 17.5% higher than the adopted level for 2013.

Operations: \$100,000

- *Consultant Services* expenses have been increased to cover non-capital related projects.

Special Agreements & Programs

7410010

Sewer

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Operations</u>				
502181	Mattabassett District	221,915	275,000	275,000	275,000
502182	New Britain	163,275	230,000	230,000	230,000
502296	Consultant Services	-	-	-	100,000
502648	Septic Reimbursements	54,000	60,000	60,000	60,000
502649	Glastonbury	-	6,000	6,000	6,000
	Total Expenditure Classification	439,190	571,000	571,000	671,000
	<u>Funding Allocation--(Composite)</u>				
	Sewer Revenues 100%	439,190	571,000	571,000	671,000
	Water Revenues 0%	-	-	-	-
	Total Funding Allocation	439,190	571,000	571,000	671,000

Water

Budget Commentary

The Special Agreements and Programs budget totals \$3,165,700 for 2014, an increase of \$200,000 or 6.7% above the adopted level for 2013.

Operations: \$200,000

- Expenses for *Legal Services* are expected to increase due to increased collection activity.
- *Consultant Services* expenses have been increased to cover non-capital projects.

Special Agreements & Programs

7410020

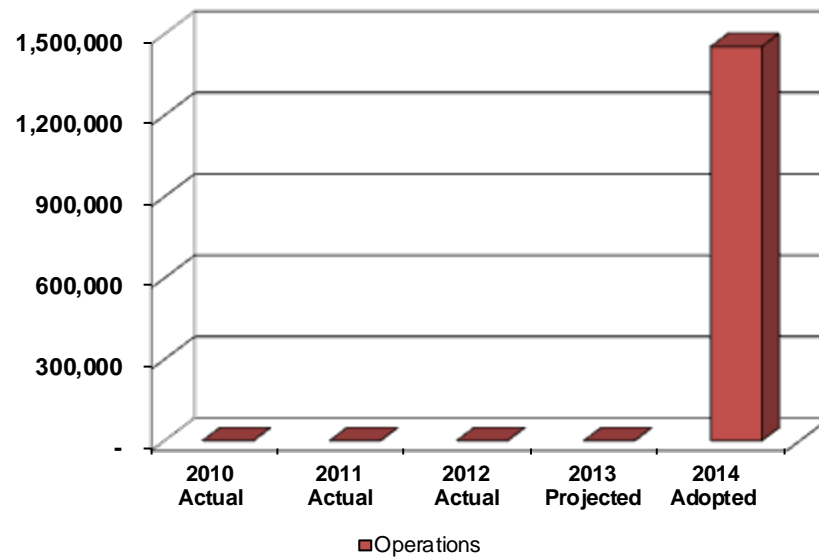
Water

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Operations</u>					
502002	Colebrook Reservoir Lease	204,222	204,300	204,300	204,300
502197	Lock Box Fee	59,521	135,000	135,000	135,000
502201	Meter Services	574	33,000	33,000	33,000
502271	Dues - Professional Associations	120,000	237,500	237,500	237,500
502275	Employee Activities	-	-	-	-
502292	Legal Services	577,488	800,000	800,000	900,000
502296	Consultant Services	-	-	-	100,000
503320	Paving	-	1,555,900	-	1,555,900
Total Expenditure Classification		961,805	2,965,700	1,409,800	3,165,700
<u>Funding Allocation--(Composite)</u>					
Sewer Revenues 0%		-	-	-	-
Water Revenues 100%		961,805	2,965,700	1,409,800	3,165,700
Total Funding Allocation		961,805	2,965,700	1,409,800	3,165,700

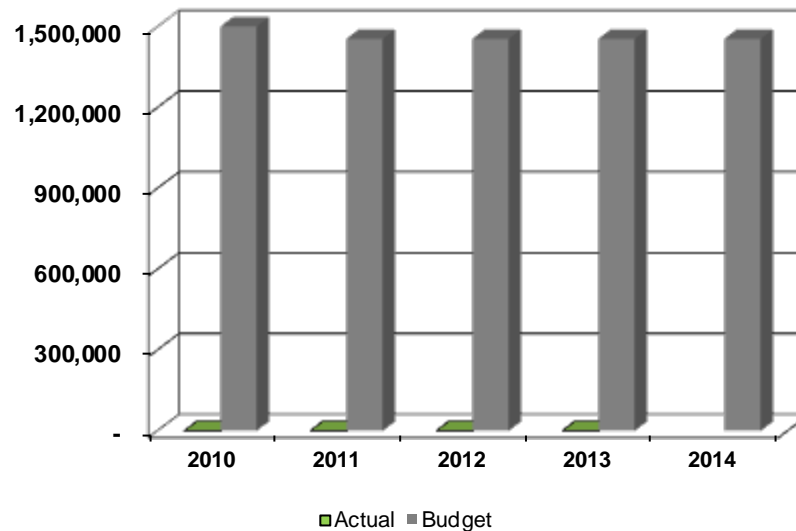
Budget Commentary

The Clean Water Project (formerly known as the Long-Term Control Plan) is a Capital Improvement Program begun in 2006, and supported by the Project Control department, which directs and oversees the management, communications, administration, and implementation of the Clean Water Project. There is 1 position in the Clean Water Project for 2014. The Clean Water Project has been merged into the District organization.

Five-Year Expenditure Trends



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	-	-	-
Operations	-	-	-	-	1,454,200
Maintenance	-	-	-	-	-
Total	-	-	-	-	1,454,200



	2010	2011	2012	2013	2014
Actual	-	-	-	-	-
Budget	1,500,000	1,454,200	1,454,200	1,454,200	1,454,200
Variance	(1,500,000)	(1,454,200)	(1,454,200)	(1,454,200)	

Summary**Description**

The Contingencies appropriation is a 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 2014 Contingency account totals \$1,454,200, which is unchanged from the adopted 2013 level.

Operations: \$0

- Funding for 2014 is set for unanticipated expenditures and emergency needs.

Contingencies

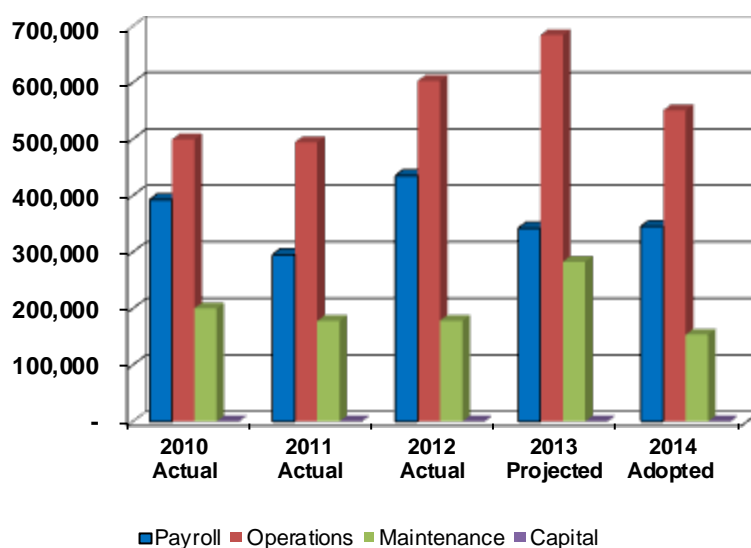
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Summary

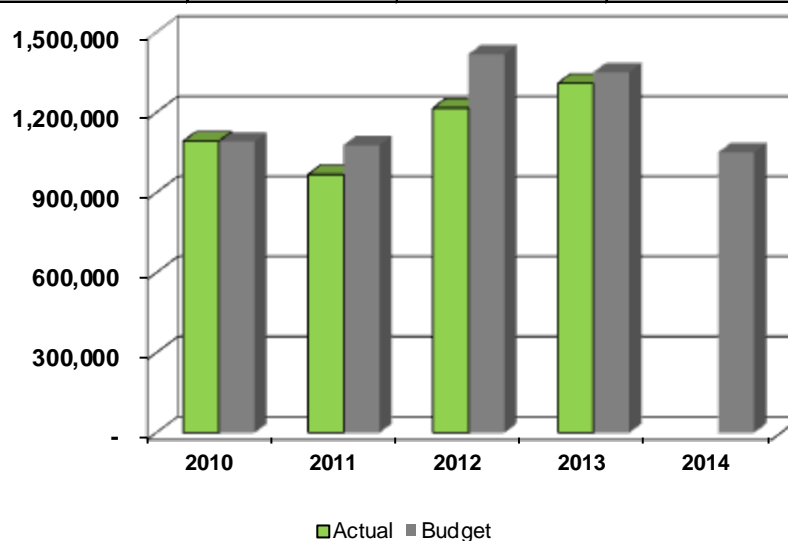
Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
509901	Contingencies	-	1,454,200	-	1,454,200
	<i>Funding Allocation--(Composite)</i>				
	Sewer Revenues 38%	-	558,600	-	558,600
	Water Revenues 62%	-	895,600	-	895,600
	<i>Total Funding Allocation</i>	-	1,454,200	-	1,454,200

Riverfront Parks System

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	392,796	295,536	435,422	342,100	345,500
Operations	499,235	494,317	602,828	684,100	550,900
Maintenance	200,005	177,829	178,360	282,700	153,600
Capital	-	-	-	-	-
Total	1,092,037	967,682	1,216,610	1,308,900	1,050,000



	2010	2011	2012	2013	2014
Actual	1,092,037	967,682	1,216,610	1,308,900	
Budget	1,090,700	1,077,100	1,417,900	1,350,500	1,050,000
Variance	1,337	(109,418)	(201,290)	(41,600)	

Administration**Description**

The Riverfront Parks System budget provides for expenditures related to maintenance and the provision of ranger services associated with Riverfront Recapture, Inc.'s (RRI) regional parks system in Hartford and East Hartford, in accordance with an agreement between the District and RRI. Major elements of the system include:

- Charter Oak Landing and Boat Launch Area, Hartford
- Riverfront Plaza and Founders Bridge Promenade, Hartford
- Riverside Park and Boat Launch Area, Hartford
- Great River Park and Boat Launch Area, East Hartford
- Bulkeley Bridge Walkabout

Maintenance of the Riverfront Parks System – which is performed on a year-round basis by MDC maintenance workers – includes turf care, snow removal, litter control and trash removal, facility maintenance and repair, dock storage and maintenance, event clean-up, park gate opening and closing, as well as other associated duties.

Park ranger services are funded by the District (up to a maximum of \$300,000 per year) under contract with RRI.

Budget Commentary

The Riverfront Parks budget for 2014 totals \$1,050,000 a decrease of \$300,500 or 22.3% from the expenditure level adopted for 2013.

Payroll: (\$38,200)

- *Regular Pay* includes increments and cost-of-living increases.
- *Overtime* expenses are expected to be lower in 2014

Operations: (\$133,200)

- Costs associated with operations have been reduced to cover necessary expenses for 2014.

Maintenance: (\$129,100)

- Expenses associated with the *Riverfront Facility Maintenance* have been decreased due to lower anticipated maintenance for building and river structures.

Administration

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Payroll</u>				
501101	Regular Pay	376,694	332,000	307,400	337,200
501201	Overtime	58,727	51,200	34,200	7,800
501301	Temporary Help	-	-	-	-
501401	Standby & Premium Pay	-	500	500	500
501601	Longevity Pay	-	-	-	-
	Total Payroll	435,422	383,700	342,100	345,500
	<u>Operations</u>				
502011	Meal Allowances	1,000	500	500	500
502022	Salt & Sand Ice Control	776	4,700	4,700	2,000
502026	Clothing & Apparel	1,350	4,100	4,100	4,100
502056	OPEB Trust Contribution	43,000	43,000	43,000	49,000
502060	Riverfront Rangers	282,196	300,000	300,000	300,000
502061	Materials from Stock	43,792	32,000	32,000	15,000
502103	Electrical Supplies	6,723	10,000	10,000	500
502111	Small Tools	3,121	15,000	15,000	2,000
502188	Refuse Collection	14,270	16,000	16,000	15,000
502203	Grounds Care	18,201	27,100	27,100	9,000
502214	Gasoline	15,561	30,000	30,000	16,000
502216	Diesel Fuel	17,971	17,100	17,100	17,000
502239	Workers' Compensation-Claims	-	10,200	10,200	10,200
502287	Outside Services	200	22,000	22,000	5,000
502319	Equipment Rental	8,664	10,000	10,000	4,800
502500	Blue Cross	38,668	51,000	51,000	41,900
502501	Blue Shield	20,168	11,000	11,000	17,100
502503	Group Life	339	2,500	2,500	2,500
502505	Pension Regular	54,786	52,000	52,000	11,000
502508	Social Security	32,043	25,400	25,400	27,800
502509	Unemployment Compensation	-	500	500	500
	Total Operations	602,828	684,100	684,100	550,900
	<u>Maintenance</u>				
503204	Power Operated Equipment	10,608	4,000	4,000	4,000
503207	Tool & Work Equipment	8,860	13,000	13,000	10,000
503208	Transportation Equipment	13,131	24,800	24,800	13,000
503218	Riverfront Facility Maintenance	145,762	240,900	240,900	126,600
	Total Maintenance	178,360	282,700	282,700	153,600
	Total Expenditure Classification	1,216,610	1,350,500	1,308,900	1,050,000
	<u>Funding Allocation</u>				
	Sewer Revenues 0%	-	-	-	-
	Water Revenues 100%	1,216,610	1,350,500	1,308,900	1,050,000
	Total Funding Allocation	1,216,610	1,350,500	1,308,900	1,050,000

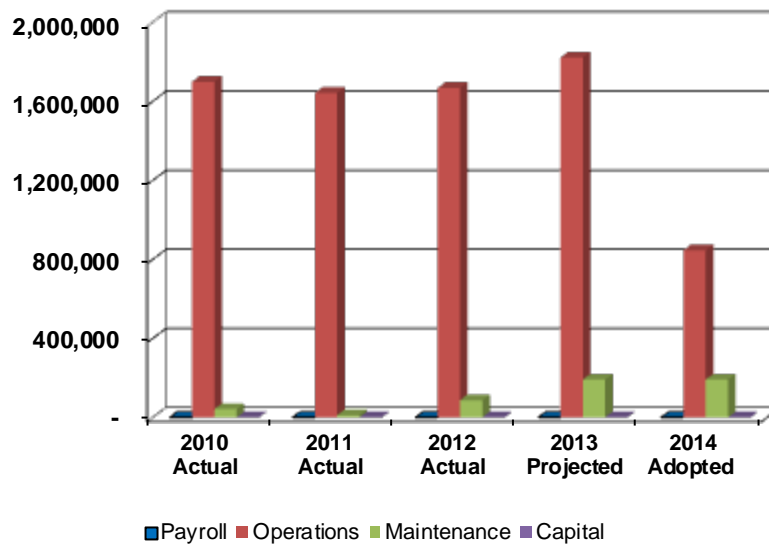
Administration

Authorized Positions	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
Bldgs. & Ground Maint. Crew Leader	1	-	-	-
Bldgs. & Grounds Maintainer 1	3	4	4	4
Parks & Grounds Maint	-	2	2	2
Water Supply Maintainer 2	2	-	-	-
Water Supply Maintainer 3	1	-	-	-
<i>Total Authorized Positions</i>	<u>7</u>	<u>6</u>	<u>6</u>	<u>6</u>

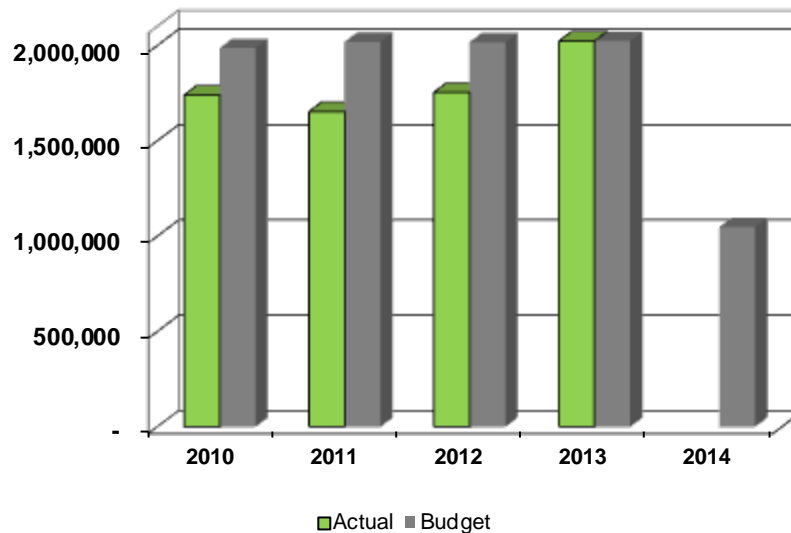
Hydroelectric

Hydroelectric

Five-Year Expenditure Trend



	2010 Actual	2011 Actual	2012 Actual	2013 Projected	2014 Adopted
Payroll	-	-	-	-	-
Operations	1,697,669	1,641,600	1,666,721	1,820,800	845,300
Maintenance	42,042	11,300	86,785	191,400	191,400
Capital	-	-	-	-	-
Contingency	-	-	-	10,000	10,000
Total	1,739,711	1,652,900	1,753,507	2,022,200	1,046,700



	2010	2011	2012	2013	2014
Actual	1,739,711	1,652,900	1,753,507	2,022,200	
Budget	1,985,500	2,018,100	2,016,300	2,022,200	1,046,700
Variance	(245,789)	(365,200)	(262,793)	-	

Hydroelectric

Summary

Description

The Hydroelectric account provides for all operating, maintenance, capital outlay, and debt service costs associated with the Goodwin and Colebrook facilities, as well as development costs associated with potential hydroelectric projects.

It is anticipated that all hydroelectric expenditures will be supported by revenue from the sale of power generated at the Goodwin and Colebrook facilities, interest income from the investment of available cash, and a draw down from surplus.

Specific expenditures for each project appear on the pages that follow.

Budget Commentary

The 2014 Hydroelectric budget totals \$1,046,700, a \$975,500 or 48.2% decrease from the level adopted in support of 2013 operations.

Hydroelectric

Summary

Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>Summary by Activity</u>				
Goodwin/Colebrook	253,507	427,200	427,200	451,700
Development	1,500,000	1,595,000	1,595,000	595,000
<i>Total Summary by Activity</i>	1,753,507	2,022,200	2,022,200	1,046,700
<u>Summary by Major Account</u>				
Operations	1,666,721	1,820,800	1,820,800	845,300
Maintenance	86,785	191,400	191,400	191,400
<i>Total Summary by Major Account</i>	1,753,507	2,022,200	2,022,200	1,046,700

Goodwin/Colebrook**Description**

The MDC's Goodwin hydroelectric power facility is located at the Goodwin Dam in Hartland, Connecticut. A "run-of-the-river" facility, 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 12,500,000 kilowatt-hours of electricity, enough power to serve 2,000 homes for one year.

The Colebrook hydroelectric power facility is located at the U.S. Army Corps of Engineers' Colebrook River Reservoir and Dam in Colebrook, Connecticut. The Colebrook facility is equipped with two sets of underwater turbines and annually generates approximately 5,700,000 kilowatt-hours of electricity.

Budget Commentary

The Goodwin/Colebrook Hydroelectric budget for 2014 is \$451,700 which is up by \$24,500 or 5.7% above the expenditure level adopted in support of 2013 hydroelectric power operations.

Operations: \$24,500

- *FERC Allotment* increased due to reduced Hydro production.
- *Operator & Maintenance Charge – NE Utilities* is increasing due to rate increase from NU.
- Increases in *Outside Services* due to FERC drill scheduled for 2014.
- Increase in *Consultant Services* is the result of electrical testing of hydro generating equipment.

Maintenance: \$0

- There are no changes to the 2014 budget.

Goodwin/Colebrook

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Operations</u>				
502043	FERC	10,231	11,000	11,000	12,000
502050	Operator & Maint. Chrg-NE Utilities	23,572	25,000	25,000	25,600
502061	Materials from Stock	-	200	200	200
502107	Office Supplies & Expenses	1,723	4,000	4,000	4,000
502111	Small Tools	2,766	5,200	5,200	5,200
502113	Fish	19,740	22,000	22,000	22,000
502207	Tool & Work Equipment	4,434	5,200	5,200	5,200
502215	Oil & Lubricants	2,684	5,000	5,000	5,000
502216	Diesel Fuel	-	1,500	1,500	1,500
502229	General Insurance	14,746	72,000	72,000	72,000
502255	Blueprints, Maps, & Charts	2,705	5,200	5,200	5,200
502263	Pollution Liability	875	-	-	900
502287	Outside Services	17,098	10,000	10,000	12,000
502296	Consultant Services	-	20,000	20,000	40,000
502298	Consulting - Hydro	20,369	-	-	-
502350	Electricity	6,676	16,500	16,500	16,500
502605	Geophysical & Safety Inspection	1,602	2,000	2,000	2,000
502613	Stream Flow Study	37,500	31,000	31,000	31,000
	Total Operations	166,721	235,800	235,800	260,300
	<u>Maintenance</u>				
503203	Office Furniture & Equipment	-	1,000	1,000	1,000
503213	Hydro Equipment	85,199	185,200	185,200	185,200
503301	Buildings	1,586	5,200	5,200	5,200
	Total Maintenance	86,785	191,400	191,400	191,400
	<u>Capital Outlay</u>				
504203	Office Furniture & Equipment	-	-	-	-
504207	Tool & Work Equipment	-	-	-	-
504301	Buildings	-	-	-	-
504325	Reservoir Structures	-	-	-	-
	Total Capital Outlay	-	-	-	-
	<u>Debt Service</u>				
508360	Principal on Bonds	-	-	-	-
508364	Interest on Bonds	-	-	-	-
	Total Debt Service	-	-	-	-
	Total Expenditure Classification	253,507	427,200	427,200	451,700

Development**Description**

The Hydroelectric Development budget reflects allocations of hydro revenue apart from the direct expenses associated with the operation of the Goodwin and Colebrook projects. Most significant of these allocations is the amount to be contributed to the General Fund, which will lower the tax on member municipalities.

Budget Commentary

The Hydroelectric Development budget for 2014 totals \$595,000, which is a decrease of \$1,000,000 or 62.7% below the 2013 adopted budget

Operations: (1,000,000)

- *Contribution to General Fund* has decreased due to the depletion of the Hydro reserves.

Contingency: \$0

- There are no changes in the budget.

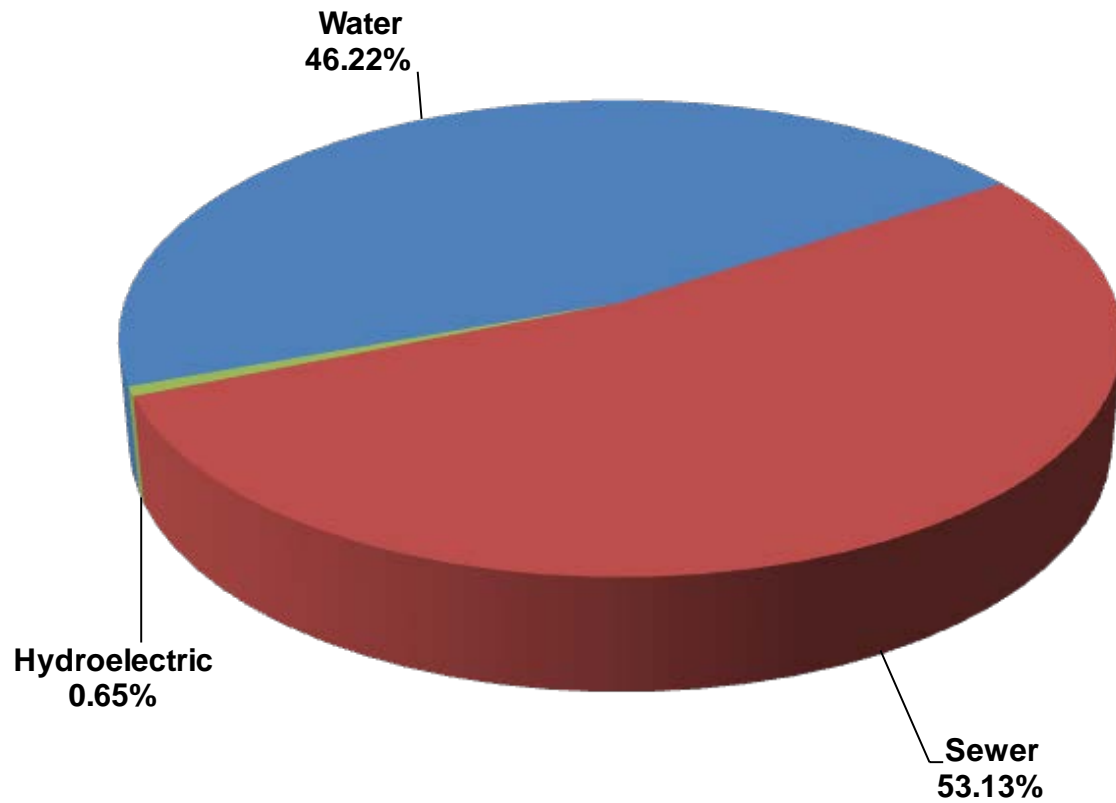
Development

Commitment Item	Expenditure Classification	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>Operations</u>				
502051	Contribution to General Fund	1,500,000	1,500,000	1,500,000	500,000
502292	Legal Services	-	10,000	10,000	10,000
502298	Consultant - Hydro	-	75,000	75,000	75,000
	<i>Total Operations</i>	1,500,000	1,585,000	1,585,000	585,000
	<u>Contingencies</u>				
509901	Contingencies	-	10,000	10,000	10,000
		1,500,000	1,595,000	1,595,000	595,000

Budget Revenues

Revenue Summary

Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Water	\$70,204,300	46.22%
Sewer	80,716,300	53.13%
Hydroelectric	994,700	0.65%
	<u>\$151,915,300</u>	<u>100.00%</u>

Revenue Summary

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 for the operation and maintenance of the District's water supply, treatment and distribution facilities and equipment. The major source of water revenue is the metered sale of water to approximately 400,000 people (95,000 customer 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 for the operation and maintenance of the District's sewerage system facilities and equipment. The receipt of the tax levied on member municipalities is the major 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 and Colebrook River Dam hydroelectric power facilities. The major sources of revenue for the Hydroelectric Operating Fund are derived from the sale of power generated at the Goodwin/Colebrook hydro facilities and available surplus funds provided by the contract rate settlement with the Connecticut Light and Power Company (CL&P).

Revenue Summary

Water Utility and Sewer Revenues

Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>WATER REVENUES</u>				
Sale of Water	\$65,771,667	\$62,995,500	\$63,931,500	\$65,664,900
Other Operating Revenues	3,194,072	3,446,100	3,483,600	3,058,000
Total Operating Revenues	68,965,739	66,441,600	67,415,100	68,722,900
Non-Operating Revenues	3,806,091	1,582,100	1,680,800	1,481,400
Contributions (to) from Working Funds	0	0	0	0
Total Other Revenues	3,806,091	1,582,100	1,680,800	1,481,400
Total Water Revenues	\$72,771,830	\$68,023,700	\$69,095,900	\$70,204,300
<u>SEWER REVENUES</u>				
Tax on Member Municipalities	\$33,493,200	\$34,799,400	\$34,799,400	\$36,156,600
Revenue from Other Govt. Agencies	3,689,993	2,860,500	3,668,000	2,963,400
Other Sewer Revenues	7,561,184	7,927,300	7,443,500	12,083,600
Sewer User Charge Revenues	5,464,496	6,131,200	4,538,000	6,321,600
Total Operating Revenues	50,208,873	51,718,400	50,448,900	57,525,200
Contributions (to) from Other Funds	13,728,145	37,660,000	15,753,000	20,210,700
Designated from Surplus	0	3,295,600	2,455,500	2,980,400
Total Other Revenues	13,728,145	40,955,600	18,208,500	23,191,100
Total Sewer Revenues	\$63,937,018	\$92,674,000	\$68,657,400	\$80,716,300
Total Water and Sewer Revenues	\$136,708,848	\$160,697,700	\$137,753,300	\$150,920,600

Revenue Summary

Hydroelectric Revenues

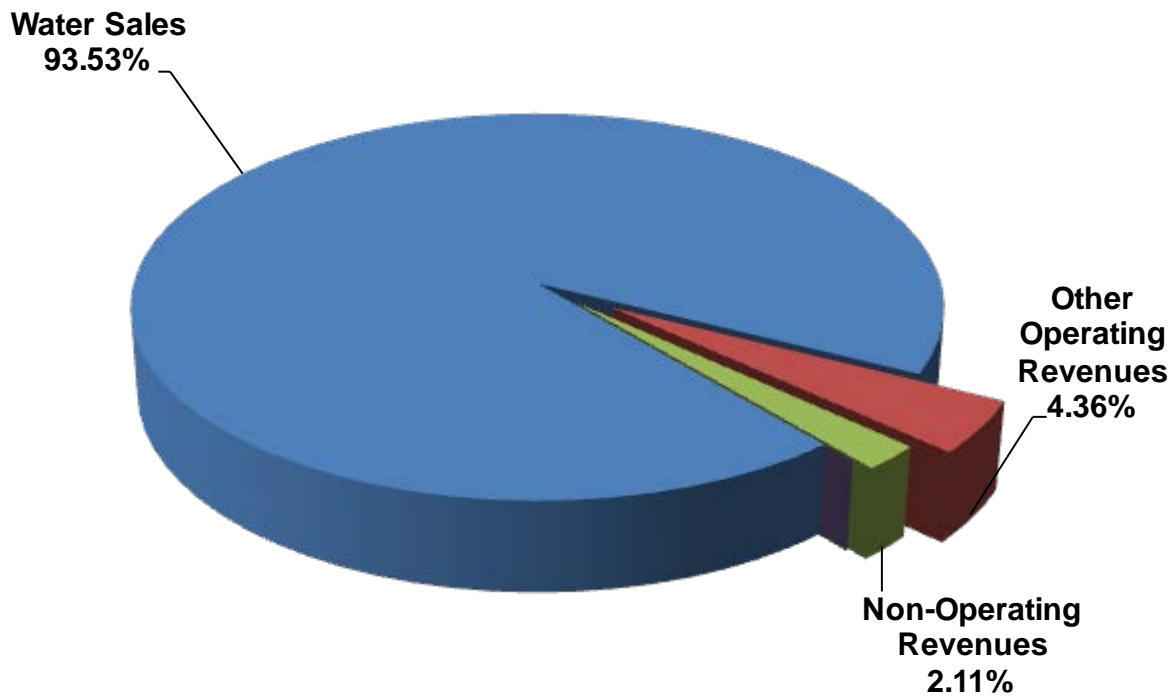
Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>HYDROELECTRIC REVENUES</u>				
Power Sales	\$696,703	\$878,400	\$878,400	\$931,900
Interest Income	608	4,000	4,000	1,000
Miscellaneous Nonrecurring Revenue	0	0	0	0
Designated from Surplus	1,500,000	1,139,800	1,139,800	61,800
Total Hydroelectric Revenues	\$2,197,311	\$2,022,200	\$2,022,200	\$994,700

Water Utility Revenues

Water Sales
Other Operating Revenues
Non-operating Revenues
Working Funds

Water Utility Revenues

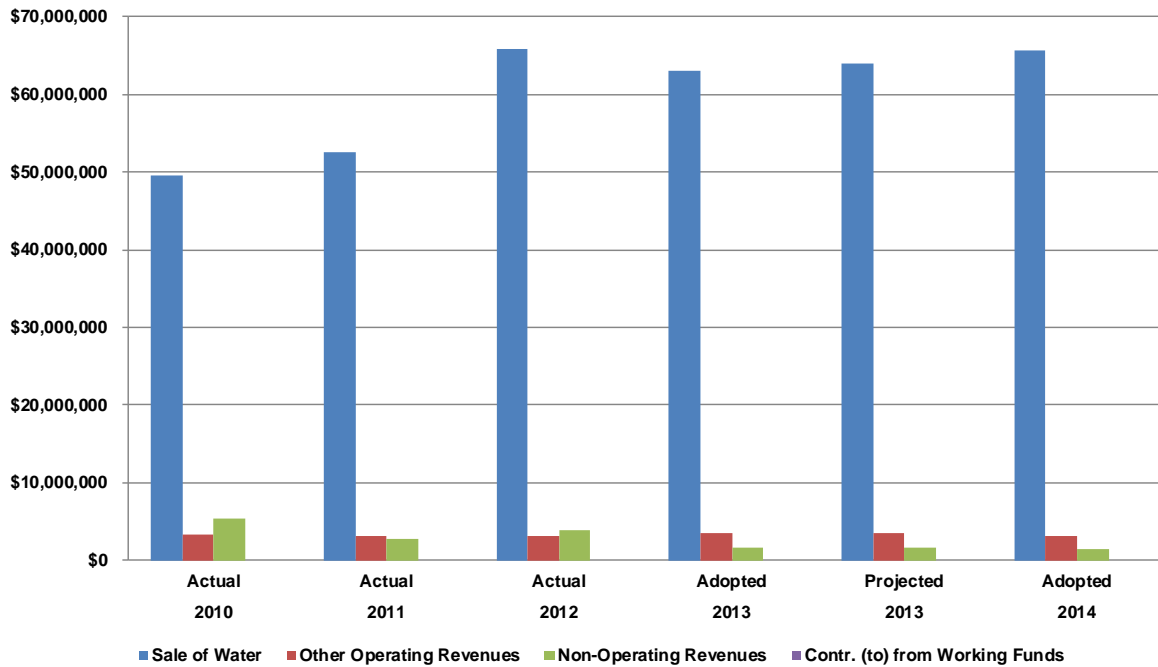
Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Water Sales	\$65,664,900	93.53%
Other Operating Revenues	3,058,000	4.36%
Non-Operating Revenues	1,481,400	2.11%
Contribution (to) from Working Funds	0	0.00%
Total Revenues:	<u>\$70,204,300</u>	<u>100.00%</u>

Water Utility Revenues

Five-Year Revenue Trend



	2010	2011	2012	2013	2013	2014
	Actual	Actual	Actual	Adopted	Projected	Adopted
Sale of Water	\$49,573,833	\$52,483,940	\$65,771,667	\$62,995,500	\$63,931,500	\$65,664,900
Other Operating Revenues	3,288,731	3,163,935	3,194,072	3,446,100	3,483,600	3,058,000
Non-Operating Revenues	5,411,461	2,743,603	3,806,091	1,582,100	1,680,800	1,481,400
Contr. (to) from Working Funds	0	0	0	0	0	0
	<u>\$58,274,025</u>	<u>\$58,391,478</u>	<u>\$72,771,830</u>	<u>\$68,023,700</u>	<u>\$69,095,900</u>	<u>\$70,204,300</u>

Water Utility Revenues

Sale of Water and Other Operating Revenues

Source Description

Sale of Water: The Sale of Water is comprised of Customer Service Charge 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). Also included in this category is revenue from the sale of *treated and untreated water* to other water companies under a series of agreements with the District.

Other Operating Revenues: *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; *rental fees* collected from leasing of district property; and *miscellaneous (other) water revenues* for minor or incidental services and materials provided by the District.

Budget Commentary

Projected Revenue from the Sale of Water totals \$65,664,900, an overall increase of \$2,331,300 or 3.7% above the level adopted in support of 2013 operations. The anticipated revenue increase is due to the full year impact of the Customer Service Charge and Water Use revenue. The water rate of \$2.50 per CCF has been increased to \$2.53 per CCF. Consumption is estimated at 18.6M CCF, which is unchanged from the 2013 assumption.

Other Operating Revenues are projected to be \$3,058,000, a decrease of \$388,100 or 11.3% due primarily to lower *Water Billing Penalties* revenues.

Water Utility Revenues

Sale of Water and Other Operating Revenues

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>SALE OF WATER</u>					
<u>SERVICE CHARGES</u>					
(1)	Domestic	\$15,429,369	\$14,013,900	\$14,013,900	\$16,410,600
(2)	Commercial	1,513,758	1,555,100	1,555,100	1,418,500
450090	Industrial	198,006	254,100	254,100	186,800
(3)	Public Authorities	499,581	549,500	549,500	470,900
(4)	Other Water Companies	4,175	7,600	7,600	3,900
	Total	17,644,889	16,380,200	16,380,200	18,490,700
<u>WATER USE CHARGE</u>					
(5)	Domestic	\$32,698,780	\$31,250,000	\$30,888,300	\$31,137,500
(6)	Commercial	10,009,382	9,750,000	10,217,500	10,505,600
450085	Industrial	1,187,857	1,770,000	1,400,000	1,558,200
(7)	Public Authorities	2,722,298	2,247,500	3,016,000	2,946,000
(8)	Other Water Companies	1,508,461	1,597,800	2,029,500	1,026,900
	Total	48,126,778	46,615,300	47,551,300	47,174,200
<u>OTHER OPERATING REVENUES</u>					
(9)	Hydrant Maintenance	\$807,857	\$866,100	\$920,000	\$920,000
450200	Fire Protection Services	1,644,592	1,421,000	1,421,000	1,438,000
(10)	Water Billing Penalties	636,478	1,116,000	1,096,600	600,000
(11)	Rental of Water Property	105,145	43,000	46,000	100,000
	Total	3,194,072	3,446,100	3,483,600	3,058,000
Total Operating Revenues		<u>\$68,965,739</u>	<u>\$66,441,600</u>	<u>\$67,415,100</u>	<u>\$68,722,900</u>

Commitment Items

- (1) 450070, 450095, 450100, 450105, 450120, 450140
- (2) 450080, 450130, 450150
- (3) 450160, 450170
- (4) 450180, 450190
- (5) 450065, 450115, 450135, 450206
- (6) 450075, 450125, 450145
- (7) 450155, 450165
- (8) 450175, 450185
- (9) 450195, 450205
- (10) 450052, 450210
- (11) 450015, 450215

Water Utility Revenues

Non-Operating Revenues

Source Description

Non-operating Revenues

Non-operating Revenues are composed of:

- *Investment Income*: funds earned on cash balances in the Water Utility Fund and the Water Bond Fund, coupled with interest charged on main pipe receivables.
- *Indirect Costs*: charges for administrative overhead on bill jobs.
- *Short-Term Bill Jobs*: revenues for payroll additives, material handling, and equipment costs associated with the repair of District property damaged by others; also metered hydrant billings.
- *Sand and Gravel Sales*: revenue from the sale of sand and gravel from District-owned property.
- *Forestry Operations*: income from the bid sale of standing timber to logging companies and the sale of firewood to the general public.
- *Sale of Material/Equipment*: income from the sale of scrap materials and obsolete equipment.
- *Recreation*: fees charged for parking, boat rentals, and the launching of private boats at District recreational facilities.
- *Collection/Liens*: fees charged for the release of liens
- *Other Miscellaneous*: fees levied for private meter readings, lien filing, and “turn-on” services; sale of scrap materials, non-recurring items.
- *State and Federal Grants*: revenue attributable to project costs that are reimbursed with applicable State or Federal approved grant monies.
- *Developers/Bill Jobs*: reimbursement to the District for payroll additives and material handling costs associated with the repair or relocation of water system facilities on behalf of the State of Connecticut, local government agencies and/or developers.
- *Capital Project Closeouts*: return of funds to the Water Utility Fund of balances remaining in capital projects that are closed.
- *Contributions for Extensions, Mains, Services*: 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 for 2014 are \$1,481,400 a decrease of \$100,700 from the level adopted for 2013, as a result of the following:

- Revenues for *Developers Bill Jobs* are also expected to be lower due to market conditions.

Water Utility Revenues

Non-Operating Revenues

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>NON-OPERATING REVENUES</u>					
	Interest Income				
440005	Interest Income	\$9,148	\$30,000	\$10,000	\$10,000
450235	Main Pipe Assessments	85,540	60,000	93,000	80,000
	Total	94,688	90,000	103,000	90,000
430023	Refund/Reimbursements	0	0	0	10,000
450240	Indirect Costs	34,648	20,000	20,000	20,000
450280	Forestry Operations	214,873	200,300	200,300	200,400
450220	Sale of Material/Equipment	0	0	0	10,000
450260	Recreation Income	71,887	75,000	75,000	75,000
450288	Collection/Liens	0	0	0	70,000
410025	Special Sewer Service Charge	6,198	0	0	0
450040	Non Taxable Fees Misc Sales	99,484	0	0	0
450060	Misc Nonrecurring Revenue	20,419	0	0	0
450064	Adj. Prior Water Sales	(152,747)	0	0	0
450285	Nor Other Misc	3,280	0	100,000	10,000
450286	Nor Other Misc Water	169,096	0	0	0
450295	Misc Nonrecurring Revenue	905	100,000	0	0
450020	Bill Job P/R & Materials	75,154	122,100	63,000	100,000
450025	Developers P/R Mat Equip	59,777	97,100	105,000	90,000
450030	Bill Job & Dev P/R Additives	34,035	55,300	22,000	50,000
450245	Short-Term Bill Jobs	57,114	75,000	45,000	40,000
450250	Long-Term Bill Jobs	152,189	247,300	574,000	200,000
450403	Contributed Capital - Mains	2,846,927	496,800	360,000	500,000
450410	CAC - Hydrant	17,600	3,100	13,000	15,000
450430	CAC - High Pressure	564	100	500	1,000
Total Non-Operating Revenues		\$3,806,091	\$1,582,100	\$1,680,800	\$1,481,400

Water Utility Revenues

Other Non-Operating Revenues

Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
OTHER NON-OPERATING REVENUES				
Contributions from (to) Working Funds	\$0	\$0	\$0	\$0

Source Description

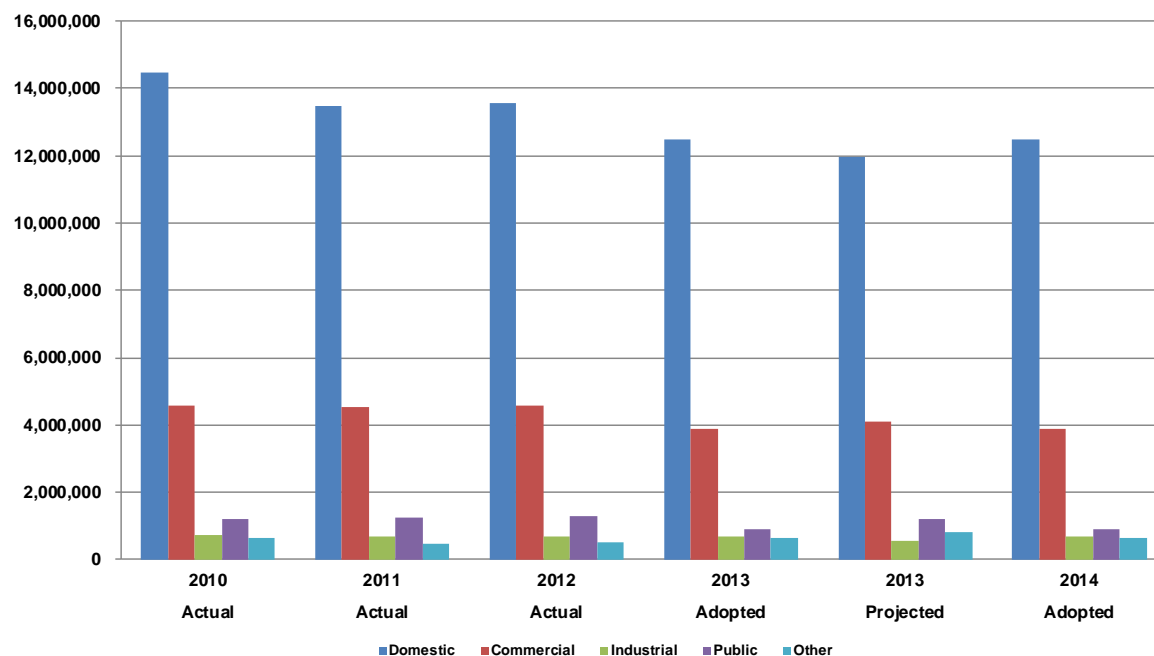
Sound financial management practices call for the maintenance of a cash reserve sufficient to withstand a shortfall in revenues and/or increases in unanticipated expenditures. The District's policy is to use a portion of these funds, if available, in support of operations while maintaining a prudent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

Budget Commentary

The demand from working funds is forecast to be - 0 - .

Water Utility Revenues

Water Consumption By Customer Class (CCF)*



	Actual 2010	Actual 2011	Actual 2012	Adopted 2013	Projected 2013	Adopted 2014
Domestic	14,459,864	13,482,153	13,576,817	12,500,000	11,980,700	12,500,000
Commercial	4,569,140	4,542,850	4,587,446	3,900,000	4,087,000	3,900,000
Industrial	724,085	699,760	673,803	708,000	560,000	708,000
Public	1,198,648	1,250,747	1,295,238	899,000	1,206,600	899,000
Other	658,151	490,823	507,389	639,000	811,800	639,000
Total	21,609,888	20,466,333	20,640,693	18,646,000	18,646,100	18,646,000

* CCF = 100 cubic feet or approximately 748.1 gallons

Water Consumption

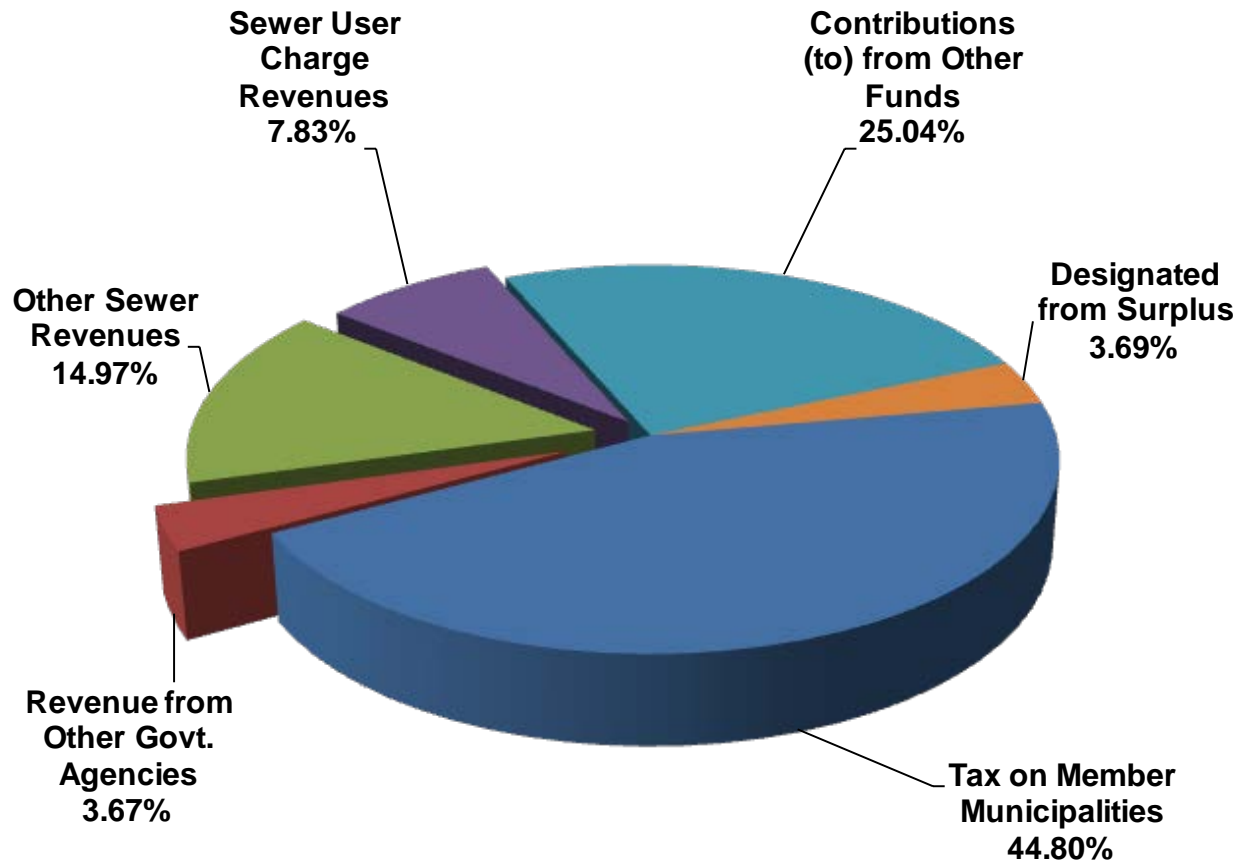
Projected water consumption for 2014 is expected to be the same as the 2013 Adopted Budget.

Sewer Revenues

Taxation
Other Government Agencies
Other Sewer Revenues
Sewer User Charge
Contributions/Transfers
Designated from Surplus

Sewer Revenues

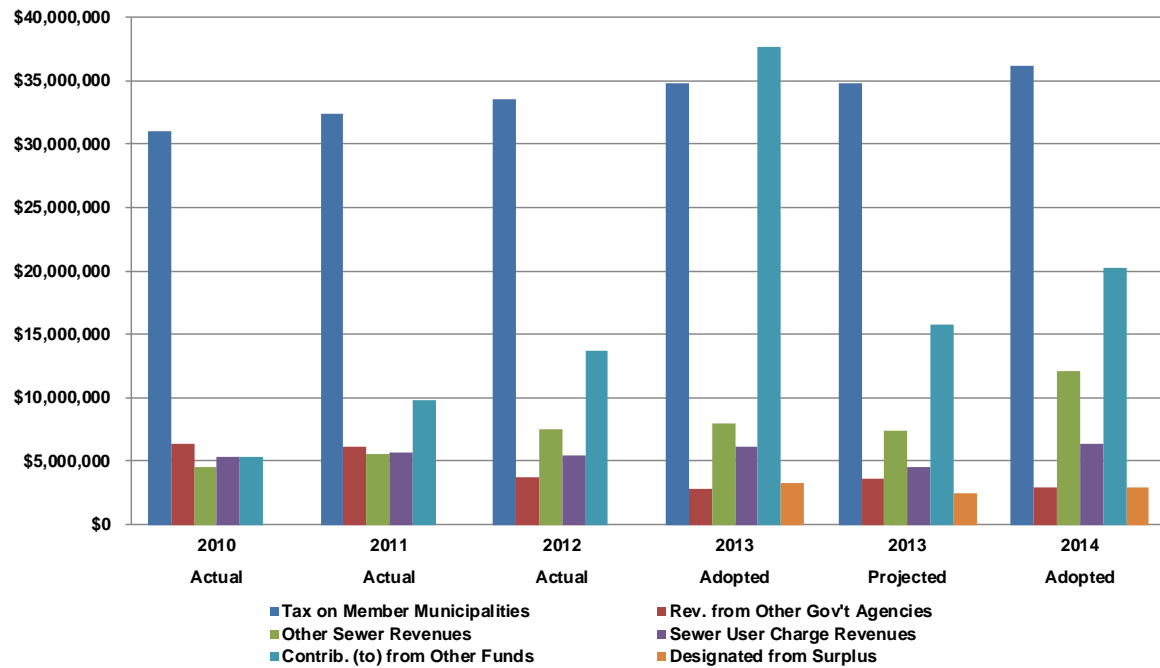
Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Tax on Member Municipalities	\$36,156,600	44.80%
Revenue from Other Govt. Agencies	\$2,963,400	3.67%
Other Sewer Revenues	\$12,083,600	14.97%
Sewer User Charge Revenues	\$6,321,600	7.83%
Contributions (to) from Other Funds	20,210,700	25.04%
Designated from Surplus	2,980,400	3.69%
Total Revenues:	\$80,716,300	100.00%

Sewer Revenues

Five-Year Revenue Trend



	Actual 2010	Actual 2011	Actual 2012	Adopted 2013	Projected 2013	Adopted 2014
Tax on Member Municipalities	\$30,967,000	\$32,360,500	\$33,493,200	\$34,799,400	\$34,799,400	\$36,156,600
Rev. from Other Gov't Agencies	6,316,756	6,126,080	3,689,993	2,860,500	3,668,000	2,963,400
Other Sewer Revenues	4,478,422	5,596,692	7,561,184	7,927,300	7,443,500	12,083,600
Sewer User Charge Revenues	5,387,087	5,648,812	5,464,496	6,131,200	4,538,000	6,321,600
Contrib. (to) from Other Funds	5,372,200	9,817,075	13,728,145	37,660,000	15,753,000	20,210,700
Designated from Surplus	0	0	0	3,295,600	2,455,500	2,980,400
Total	\$52,521,465	\$59,549,159	\$63,937,018	\$92,674,000	\$68,657,400	\$80,716,300

Sewer Revenues

Tax on Member Municipalities

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>MEMBER MUNICIPALITIES</u>					
	Total	33,493,200	34,799,400	34,799,400	36,156,600

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 2014 will be equivalent to 50% of the total 2013 tax levy. This amount (when paid) will be subtracted from the total 2014 tax levy; the balance is the amount due in the second half of the year.

Budget Commentary

The adopted Tax on Member Municipalities totals \$36,156,600, which is \$1,357,200 or 3.9% higher than the tax levy adopted for 2013.

Sewer Revenues

Tax on Member Municipalities

Member Municipalities Tax History and 2014 Installment Schedule

Tax History by Town	2010	2011	2012	2013	2014
Hartford	\$8,614,800	\$9,046,600	\$9,472,000	\$9,955,500	\$10,374,400
East Hartford	\$3,757,200	\$3,769,700	\$3,856,000	\$3,964,500	\$4,213,200
Newington	\$2,628,400	\$2,794,700	\$2,888,200	\$3,014,900	\$3,132,300
Wethersfield	\$2,510,900	\$2,619,900	\$2,682,500	\$2,756,900	\$2,824,400
Windsor	\$2,766,400	\$2,893,400	\$2,956,200	\$3,026,500	\$3,111,900
Bloomfield	\$2,268,900	\$2,399,000	\$2,488,900	\$2,584,900	\$2,612,500
Rocky Hill	\$1,769,500	\$1,869,100	\$1,941,700	\$2,011,100	\$2,089,100
West Hartford	\$6,650,900	\$6,968,100	\$7,207,700	\$7,485,100	\$7,798,800
Total	\$30,967,000	\$32,360,500	\$33,493,200	\$34,799,400	\$36,156,600

Tax Percentage	2010	2011	2012	2013	2014
Hartford	27.82%	27.96%	28.28%	28.61%	28.69%
East Hartford	12.13%	11.65%	11.51%	11.39%	11.65%
Newington	8.49%	8.64%	8.62%	8.66%	8.66%
Wethersfield	8.11%	8.10%	8.01%	7.92%	7.81%
Windsor	8.93%	8.94%	8.83%	8.70%	8.61%
Bloomfield	7.33%	7.41%	7.43%	7.43%	7.23%
Rocky Hill	5.71%	5.78%	5.80%	5.78%	5.78%
West Hartford	21.48%	21.52%	21.52%	21.51%	21.57%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

Installment Date	1/15/2014	4/16/2014	7/16/2014	10/15/2014	Total
Hartford	\$2,488,875	\$2,488,875	\$2,698,325	\$2,698,325	\$10,374,400
East Hartford	991,125	991,125	1,115,475	1,115,475	4,213,200
Newington	753,725	753,725	812,425	812,425	3,132,300
Wethersfield	689,225	689,225	722,975	722,975	2,824,400
Windsor	756,625	756,625	799,325	799,325	3,111,900
Bloomfield	646,225	646,225	660,025	660,025	2,612,500
Rocky Hill	502,775	502,775	541,775	541,775	2,089,100
West Hartford	1,871,275	1,871,275	2,028,125	2,028,125	7,798,800
Total	\$8,699,850	\$8,699,850	\$9,378,450	\$9,378,450	\$36,156,600

Sewer Revenues

Other Government Agencies

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>OTHER GOVERNMENT AGENCIES</u>					
430010	CRRA - Indirect Costs	336,885	0	0	0
430015	Other Miscellaneous	5,000	0	0	0
430035	State and Federal Grants	0	0	0	0
450000	Sludge Handling Services	3,024,760	2,587,500	3,395,000	2,900,000
450010	Household Hazardous Waste Disposal	323,348	273,000	273,000	63,400
	Total	3,689,993	2,860,500	3,668,000	2,963,400

Source Description

Revenue from Other Government Agencies comprise 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:

- *State and Federal Grants*: revenues from District labor charged to various State contract projects.
- *Sludge Handling Services*: revenue from the processing of sewage sludge primarily from non-member towns.
- *Household Hazardous Waste Disposal*: fees charged for providing household hazardous waste collection services to non-member towns.
- *CRRA-Direct Costs*: fees paid annually to the District for the operation of the Mid-Connecticut Project waste processing facility.
- *CRRA-Indirect Costs*: fees paid annually to the District for administrative overhead associated with the District's role in the operation of the Mid-Connecticut Project.
- *P.M. Unit Overhead: Payments to the General Fund for indirect costs related to the long-term control plan.*
- *Miscellaneous Other Government Agencies*: revenues generated from miscellaneous services (such as data processing) performed by the District on behalf of government agencies.

Budget Commentary

Revenue from Other Government Agencies for 2014 is projected to be \$2,963,400, which is \$102,900 or 3.6% higher than the level adopted for 2013.

The increase in *Sludge Handling Services* is the driver of the increase. This is related to the Heat Recovery Project at the Hartford Water Pollution Control facility.

Sewer Revenues

Other Sewer Revenues

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
OTHER SEWER REVENUES					
430023	Refund/Reimbursements	\$0	\$0	\$0	\$1,000
440005	General Fund Investment Income	16,592	50,000	23,000	50,000
450005	Septage Fees	907,513	897,800	838,000	680,000
450007	FOG Charges	104,550	68,000	47,000	68,000
450008	Groundwater Remediation	0	0	0	50,000
450015	Headquarters Rental Fees	3,857	5,000	4,000	5,000
450020	Bill Jobs Revenue, Payroll, Mat., Equip.	19,492	85,000	20,000	85,000
450025	Developers Rev., Payroll, Mat., Equip.	6,803	268,000	7,000	268,000
450030	Payroll Act. for Developers and Bill Job:	10,953	30,000	3,000	30,000
450040	Non-Taxable Fees and Misc. Sales	5,778	130,000	11,000	0
450045	Taxable Fees and Misc. Sales	2,179	80,000	3,000	0
450060	Miscellaneous Non-Recurring	3,951	0	0	0
450115	OR Dom RLGS	(5,158)	0	0	0
450215	Property Rents	158,127	62,000	158,000	62,000
450220	Sale of Material/Equipment	0	0	0	5,000
450240	Indirect Costs	11,270	25,000	3,000	25,000
450242	PM Unit	6,226,500	6,226,500	6,226,500	10,291,000
450245	Short Term Bill Jobs	11,477	0	0	0
450250	Long Term Bill Jobs	5,235	0	0	0
450285	Other Miscellaneous	71,760	0	100,000	462,600
450288	Collection/Liens	0	0	0	1,000
450295	Non-Recurring Revenue	305	0	0	0
	Total	7,561,184	7,927,300	7,443,500	12,083,600

Source Description

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

- *Septage*: 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 Charges*: 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.
- *Remediated Groundwater Charges*: A maintenance fee is required as part of the approval from MDC for acceptance of the discharge of remediated groundwater to the sanitary sewer. This fee is associated with the review and analysis of the permit application, location of the discharge and operational requirements to manage the groundwater at the wastewater treatment facility.
- *Headquarters Rental Fees*: revenues from the rental/lease of Headquarters facilities; also, fees collected from employees parking in the Headquarters garage.
- *Investment Income*: earnings on cash available for investment.
- *Taxable and Non-Taxable Fees and Miscellaneous Sales*: revenue from photocopies, map sales, administrative charges, insurance refunds, rebates, and other items not readily classified.
- *Property Rents*: 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.

Sewer Revenues

Other Sewer Revenues

- *Developers Revenue*: 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.
- *Bill Job Revenue*: revenue from payroll costs, material, and equipment costs associated with repair of District property damaged by others.
- *Payroll Additives*: recovered employee benefit costs charged on bill jobs.
- *Indirect Costs*: administrative overhead costs charged on bill jobs.

Budget Commentary

Other Sewer Revenues for 2014 is projected to increase \$4,156,300 from the level adopted for 2013.

The entire increase is due to the increase in the *PM Unit* overhead charge for the Clean Water Project.

Sewer Revenues

Sewer User Charge

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>SEWER USER CHARGE</u>					
(1)	High Flow Users (Net of Reserves)	\$999,531	\$1,212,200	(\$130,000)	\$1,445,500
420000	Non-Municipal Tax Exempt Properties	2,887,171	3,056,300	3,170,000	3,133,800
420010	High Strength	894,631	883,300	842,000	916,100
420020	Town of Manchester	109,863	58,500	82,000	103,200
420030	Town of South Windsor	19,688	8,500	20,000	13,600
420035	Town of Farmington	69,846	91,400	70,000	73,100
420040	Bradley/Hamilton Standard/East Granby	334,177	632,900	335,000	4,500
420045	CRRA Landfill Discharge Fees	141,276	164,300	141,000	489,200
420047	Town of Cromwell	4,077	4,800	4,000	121,600
450210	Forfeited Discounts	4,236	19,000	4,000	21,000
	Total	5,464,496	6,131,200	4,538,000	6,321,600

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. F.O.G. charges are reimbursements from class II and III food service establishments for processing and inspection.

Budget Commentary

Sewer User Charge revenue is projected to increase \$190,400 or 3.1% above the revenue level adopted for 2013.

- The primary driver for the increase in this category is related to the rate increase from \$2.52 to \$2.62.

Sewer Revenues

Other Financing Sources

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>OTHER FINANCING SOURCES</u>					
	Contributions (to) from Other Funds				
600001	Debt Service Fund	\$3,000,000	\$0	\$0	\$0
600002	Water Utility Fund	0	0	0	0
600004	Assessable Fund	2,200,000	2,200,000	2,200,000	1,000,000
600006	Hydroelectric Fund	1,500,000	1,000,000	1,000,000	500,000
600007	Special Sewer Service Fund	7,028,145	34,460,000	12,553,000	18,710,700
	Total	13,728,145	37,660,000	15,753,000	20,210,700

Source Description

Contributions (to) from Other Funds such as *Hydroelectric Fund* 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.

Contributions from the *Special Sewer Service Fund* are for the repayment of Clean Water Project debt.

Budget Commentary

The drivers are as follows:

- Funds from the *Hydroelectric Fund* have been reduced by \$500,000 due to lower fund balance.
- The contribution from the *Assessable Fund* has been reduced by \$1,200,000 due to lower fund balance.
- The budget for the *Special Sewer Service Fund* has decreased, which is directly related to the amount of Clean Water Project debt due.

Sewer Revenues

Designated From Surplus

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
	<u>DESIGNATED FROM SURPLUS</u>	\$0	\$3,295,600	\$2,455,500	\$2,980,400

Source Description

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

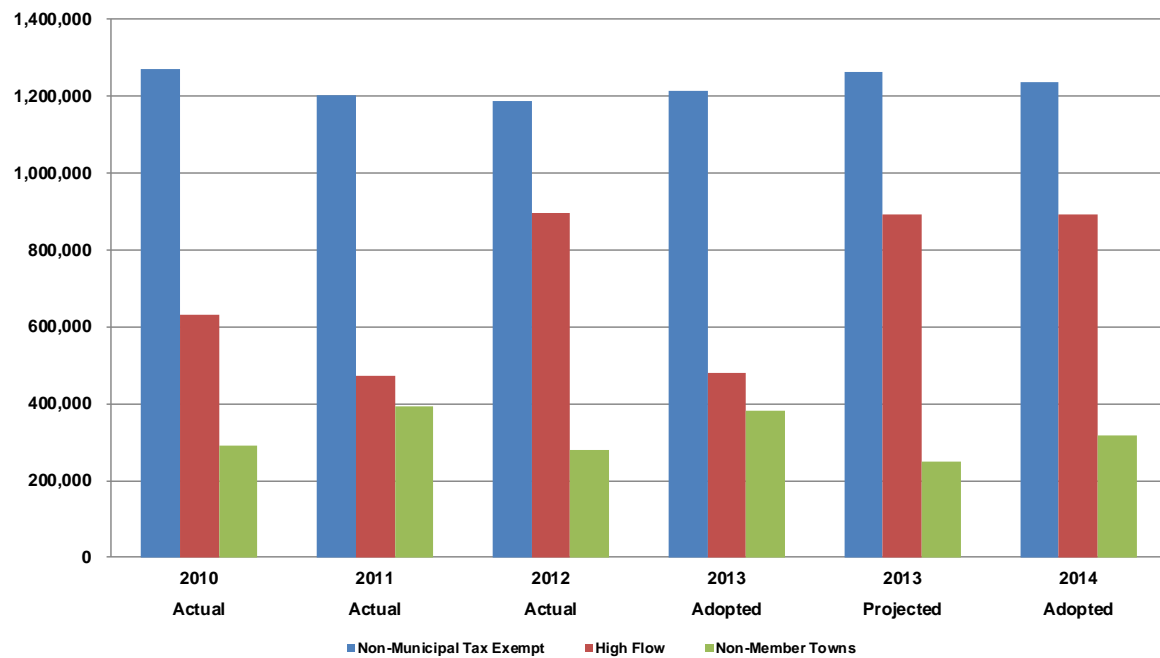
- An unallocated surplus carried over from the prior year.
- Expenditure savings realized during the current year (compared to the adopted expenditure level).
- Excess revenue received in the current year (over and above adopted revenue projections).

Budget Commentary

It is anticipated that there will be \$2,980,400 of surplus funds available to support the 2014 budget expenditures.

Sewer Revenues

Sewer User Flow By Customer Class (CCF)*



	Actual 2010	Actual 2011	Actual 2012	Adopted 2013	Projected 2013	Adopted 2014
Non-Municipal Tax Exempt	1,270,633	1,201,926	1,188,136	1,212,830	1,263,723	1,236,558
High Flow	629,567	473,753	893,981	481,020	890,800	890,800
Non-Member Towns	291,251	391,247	279,393	381,090	247,421	317,748
Total	2,191,451	2,066,925	2,361,510	2,074,940	2,401,944	2,445,106

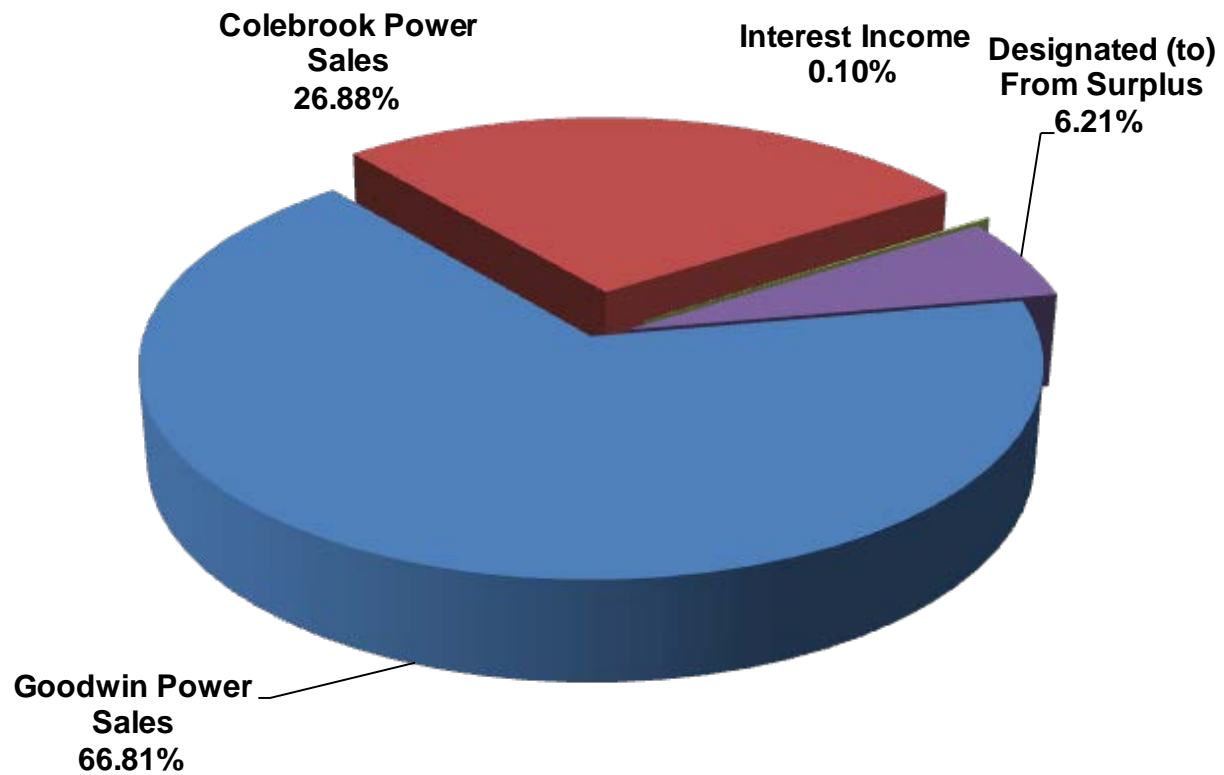
* CCF = 100 cubic feet or approximately 750 gallons

Hydroelectric Revenues

Goodwin Power Sales
Colebrook Power Sales
Other Hydroelectric Revenues

Hydroelectric Revenues

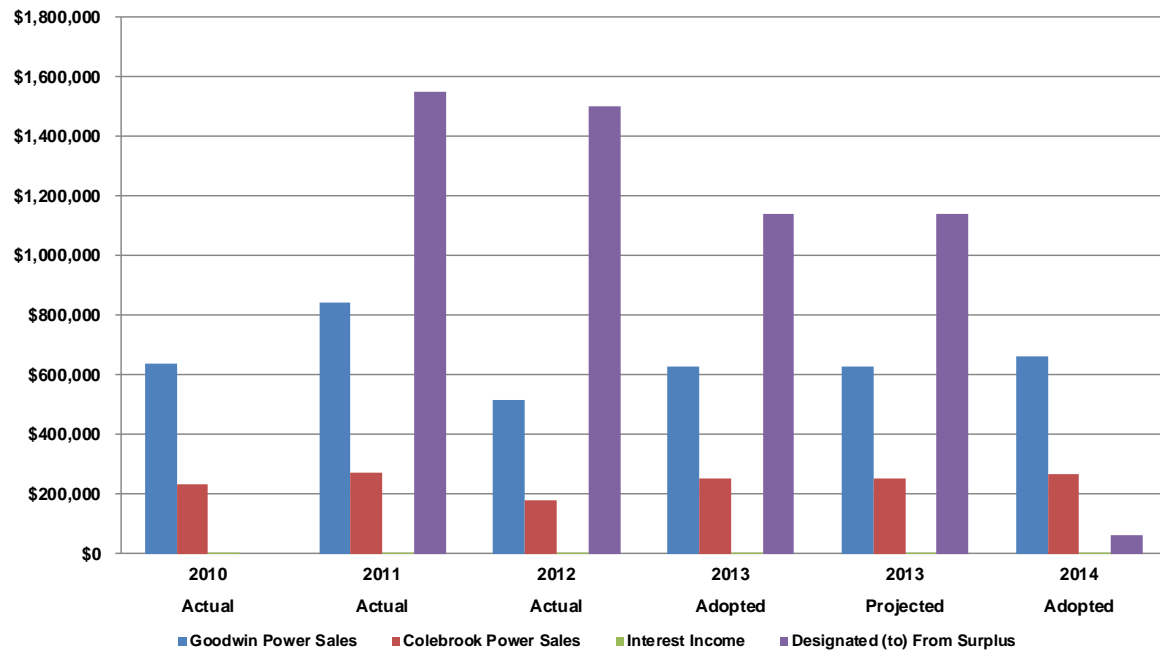
Revenue Breakdown



<u>Fund</u>	<u>Revenue</u>	<u>Percentage</u>
Goodwin Power Sales	\$664,500	66.81%
Colebrook Power Sales	267,400	26.88%
Subtotal	\$931,900	93.69%
Interest Income	1,000	0.10%
Designated (to) From Surplus	61,800	6.21%
Total Revenues:	\$994,700	100.00%

Hydroelectric Revenues

Five-Year Revenue Trend



	Actual 2010	Actual 2011	Actual 2012	Adopted 2013	Projected 2013	Adopted 2014
Goodwin Power Sales	\$635,790	\$842,976	\$515,449	\$626,300	\$626,300	\$664,500
Colebrook Power Sales	233,372	272,699	181,254	252,100	252,100	267,400
Interest Income	4,122	2,944	608	4,000	4,000	1,000
Designated (to) From Surplus	0	1,550,000	1,500,000	1,139,800	1,139,800	61,800
Total	\$873,284	\$2,668,619	\$2,197,311	\$2,022,200	\$2,022,200	\$994,700

Hydroelectric Revenues

Summary

Commitment Item	Description	2012 Actual	2013 Adopted	2013 Projected	2014 Adopted
<u>HYDROELECTRIC REVENUES</u>					
	Power Sales				
450320	Goodwin Power Sales	\$515,449	\$626,300	\$626,300	\$664,500
450320	Colebrook Power Sales	181,254	252,100	252,100	267,400
	Total	696,703	878,400	878,400	931,900
440005	Interest Income	\$608	\$4,000	\$4,000	\$1,000
600040	Designated (to) From Surplus	1,500,000	1,139,800	1,139,800	\$61,800
	Total	1,500,608	1,143,800	1,143,800	62,800
Total Revenues		\$2,197,311	\$2,022,200	\$2,022,200	\$994,700

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.

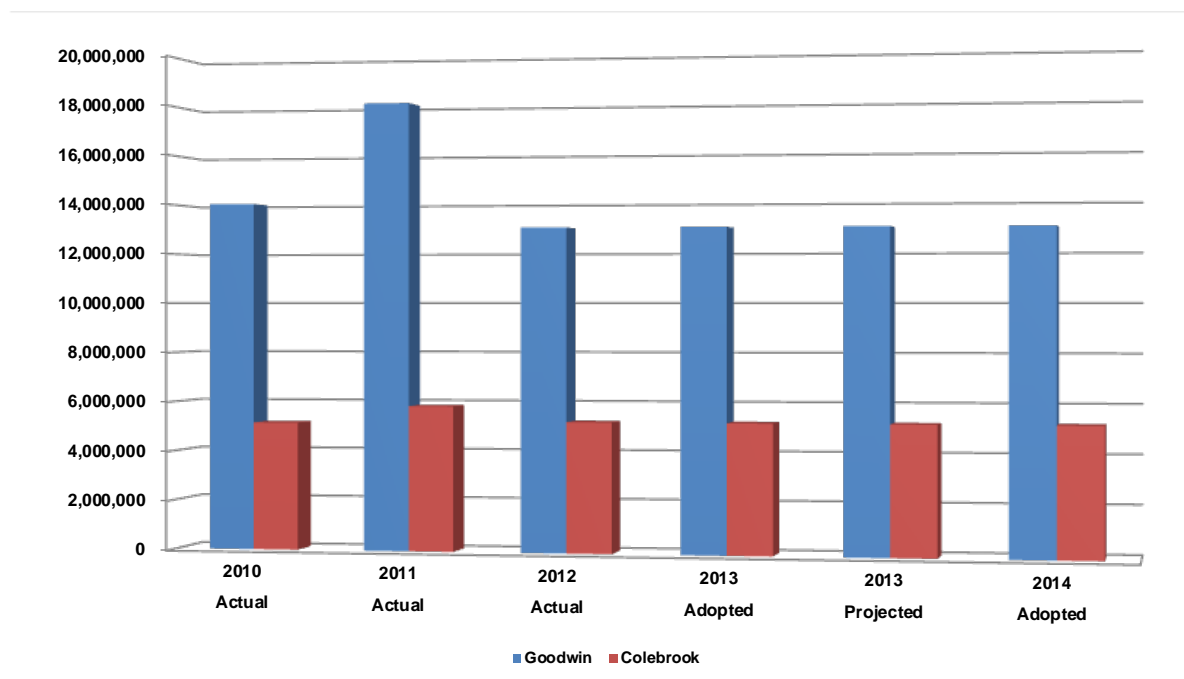
Budget Highlights

The 2014 budget revenues from the sale of power generated at Goodwin and Colebrook in the coming year assumes a full production year. The total budget of \$994,700 reflects a \$1,078,000 decrease from the level adopted for 2013.

The reduction is due entirely to lower *Designated (to) From Surplus* transfers in 2014. This is the result of lower hydro reserves.

Hydroelectric Revenues

Power Generation by Kilowatt Hours



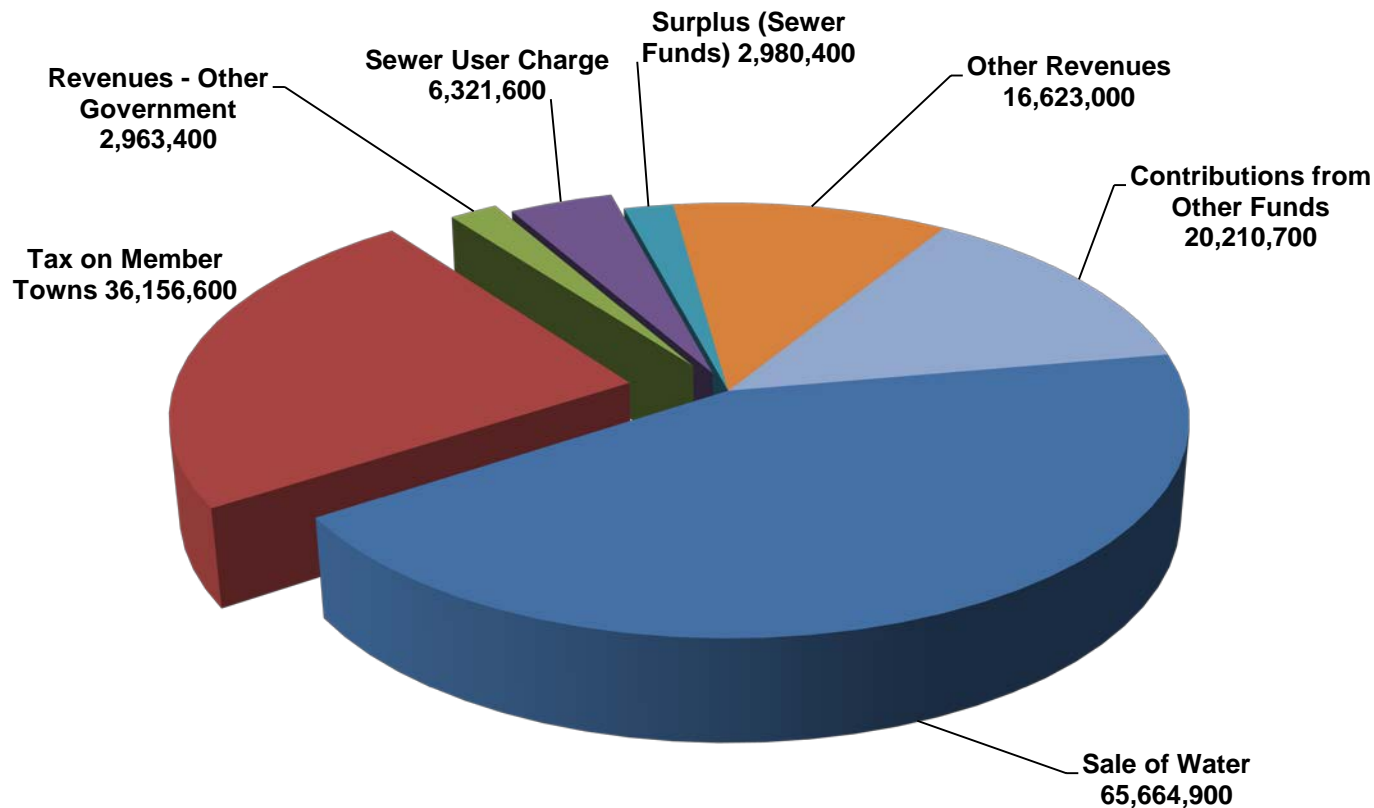
	Actual 2010	Actual 2011	Actual 2012	Adopted 2013	Projected 2013	Adopted 2014
Goodwin	14,029,702	18,066,400	13,027,000	13,027,000	13,027,000	13,027,000
Colebrook	5,150,218	5,846,120	5,243,000	5,243,000	5,243,000	5,243,000
Total	19,179,920	23,912,520	18,270,000	18,270,000	18,270,000	18,270,000

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	20.63%
Commercial	6.96%
Industrial	1.03%
Public Authorities/Other	2.63%
Customer Service Charge	12.25%
Surcharge Non-Member Towns	0.88%
Special Surcharge Non-Member Towns	0.21%
Total Sale of Water	44.60%

Town Tax

Hartford	6.87%
East Hartford	2.79%
Newington	2.08%
Wethersfield	1.87%
Windsor	2.06%
Bloomfield	1.73%
Rocky Hill	1.38%
West Hartford	5.17%
Total	23.95%

\$150,920,600

Exhibits

Tax Computation Schedule

2014 Tax Computation Schedule Average Annual Receipts from Taxation on Member Towns for the Three Year Period Ending Previous to July 1, 2013

Municipality	Year	Amount	Average	% of Total	2014 Tax	2013 Tax	Change	% Change
Hartford	2011	272,973,000						
	2012	276,094,000						
	2013	253,955,422						
	Total	<u>799,712,754</u>	<u>267,674,141</u>	<u>28.693438%</u>	<u>10,374,400</u>	<u>9,955,500</u>	<u>418,900</u>	<u>4.21%</u>
East Hartford	2011	103,943,000						
	2012	107,495,000						
	2013	114,673,574						
	Total	<u>309,740,952</u>	<u>108,703,858</u>	<u>11.652554%</u>	<u>4,213,200</u>	<u>3,964,500</u>	<u>248,700</u>	<u>6.27%</u>
Newington	2011	77,704,000						
	2012	80,895,000						
	2013	83,846,954						
	Total	<u>234,012,296</u>	<u>80,815,318</u>	<u>8.663031%</u>	<u>3,132,300</u>	<u>3,014,900</u>	<u>117,400</u>	<u>3.89%</u>
Wethersfield	2011	70,620,970						
	2012	72,867,903						
	2013	75,124,566						
	Total	<u>213,455,439</u>	<u>72,871,146</u>	<u>7.811452%</u>	<u>2,824,400</u>	<u>2,756,900</u>	<u>67,500</u>	<u>2.45%</u>
Windsor	2011	78,440,338						
	2012	79,806,333						
	2013	82,621,662						
	Total	<u>233,796,052</u>	<u>80,289,444</u>	<u>8.606660%</u>	<u>3,111,900</u>	<u>3,026,500</u>	<u>85,400</u>	<u>2.82%</u>
Bloomfield	2011	64,430,555						
	2012	66,310,109						
	2013	71,477,368						
	Total	<u>195,088,663</u>	<u>67,406,011</u>	<u>7.225615%</u>	<u>2,612,500</u>	<u>2,584,900</u>	<u>27,600</u>	<u>1.07%</u>
Rocky Hill	2011	52,381,560						
	2012	53,019,340						
	2013	56,298,232						
	Total	<u>155,786,016</u>	<u>53,899,711</u>	<u>5.777801%</u>	<u>2,089,100</u>	<u>2,011,100</u>	<u>78,000</u>	<u>3.88%</u>
West Hartford	2011	192,984,000						
	2012	200,033,000						
	2013	210,631,537						
	Total	<u>579,801,534</u>	<u>201,216,179</u>	<u>21.569450%</u>	<u>7,798,800</u>	<u>7,485,100</u>	<u>313,700</u>	<u>4.19%</u>
Total Taxation: Member Towns:			932,875,808	100.000000%	36,156,600	34,799,400	1,357,200	3.90%

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 2012 tax due in the first half of the coming year is equivalent to 50% of the total 2011 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 2012 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	2013 Population	2010 Population	2000 Population	% Change 2013—2010	Square Miles	Density ¹
Bloomfield	20,502	20,696	19,857	-0.9	26.4	752
East Hartford	51,594	48,766	49,575	5.8	18.7	2,651
Hartford	124,867	124,775	121,578	0.0	18.4	6,608
Newington	30,562	29,306	29,306	4.3	13.2	2,220
Rocky Hill	19,729	18,827	17,966	4.8	13.9	1,292
West Hartford	63,268	61,045	63,589	3.6	22.2	2,864
Wethersfield	26,690	25,767	26,271	3.6	13.0	2,020
Windsor	29,119	29,044	28,237	0.3	31.1	908

¹ Based on 2010 population. Source: 1990-2010 – U.S. Department of Commerce, Bureau of Census. 2013 CAFR.

Income Levels			
Municipality	Income Per Capita	Median Family Income	Median Household Income
Bloomfield	\$28,843	\$70,867	\$59,880
East Hartford	25,387	51,284	49,611
Hartford	29,107	29,107	28,970
Newington	35,055	64,234	71,817
Rocky Hill	61,161	72,726	60,247
West Hartford	43,998	75,744	78,488
Wethersfield	38,912	67,788	72,041
Windsor	36,595	69,899	63,295
District Average	\$32,081	\$62,687	\$60,561
State Average	\$37,627	\$73,181	\$69,243

Source: 2010 MDC Bond Prospectus and 2012/2013 CAFR

Labor Force Data — June 2013 —			
Municipality	Employed	Unemployed	Percent
Bloomfield	9,156	1,108	9.7
East Hartford	23,880	3,179	10.5
Hartford	43,018	8,553	15.15
Newington	15,928	1,448	7.0
Rocky Hill	10,481	833	6.1
West Hartford	28,279	2,425	6.8
Wethersfield	12,647	1,226	7.1
Windsor	15,083	680	8.1
Hartford Labor Market	570,231	18,854	7.6
State of Connecticut	1,916,600	178,100	8.4

Source: City of Hartford¹

Exhibits

HISTORICAL WATER USE RATES

Year Adopted	Water Use Rates (Per CCF)	Raw Water Rates (Per CCF)
2004	\$1.57	\$0.50
2005	\$1.77	\$0.60
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

Exhibits

HISTORICAL WATER SURCHARGES

	<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>		<u>2014</u>	
	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Monthly</u>	<u>Quarterly</u>
<u>Customer Service Charge</u>										
Size of Meter										
5/8"	\$11.73	\$13.80	\$13.00	\$15.30	\$13.10	\$39.30	\$13.48	\$40.44	\$13.48	\$40.44
3/4"	\$11.73	\$13.80	\$13.00	\$15.30	\$13.10	\$39.30	\$13.48	\$40.44	\$13.48	\$40.44
1"	\$11.73	\$13.80	\$13.00	\$15.30	\$13.10	\$39.30	\$13.48	\$40.44	\$13.48	\$40.44
1 1/2"	\$19.38	\$36.90	\$21.48	\$40.90	\$27.50	\$82.50	\$28.29	\$84.87	\$28.29	\$84.87
2"	\$19.38	\$36.90	\$21.48	\$40.90	\$27.50	\$82.50	\$28.29	\$84.87	\$28.29	\$84.87
3"	\$112.51	\$315.98	\$124.72	\$350.26	\$178.42	\$535.26	\$183.52	\$550.56	\$183.52	\$550.56
4"	\$112.51	\$315.98	\$124.72	\$350.26	\$178.42	\$535.26	\$183.52	\$550.56	\$183.52	\$550.56
6"	\$112.51	\$315.98	\$124.72	\$350.26	\$178.42	\$535.26	\$183.52	\$550.56	\$183.52	\$550.56
8"	\$112.51	\$315.98	\$124.72	\$350.26	\$178.42	\$535.26	\$183.52	\$550.56	\$183.52	\$550.56
12"	\$112.51	\$315.98	\$124.72	\$350.26	\$178.42	\$535.26	\$183.52	\$550.56	\$183.52	\$550.56
<u>Surcharge Outside the Metropolitan District</u>										
Size of Meter										
5/8"	\$3.96	\$11.88	\$4.39	\$13.17	\$13.18	\$39.54	\$35.25	\$105.75	\$16.58	\$49.74
3/4"	\$5.39	\$16.17	\$5.97	\$17.91	\$14.32	\$42.96	\$38.30	\$114.90	\$18.58	\$55.74
1"	\$6.75	\$20.25	\$7.48	\$22.44	\$18.44	\$55.32	\$49.30	\$147.90	\$23.20	\$69.60
1 1/2"	\$11.90	\$35.70	\$13.19	\$39.57	\$23.73	\$71.19	\$63.46	\$190.38	\$29.89	\$89.67
2"	\$17.21	\$51.63	\$19.08	\$57.24	\$38.10	\$114.30	\$101.87	\$305.61	\$48.14	\$144.42
3"	\$31.92	\$95.76	\$35.38	\$106.14	\$144.36	\$433.08	\$386.04	\$1,158.12	\$182.49	\$547.47
4"	\$48.11	\$144.33	\$53.33	\$159.99	\$180.45	\$541.35	\$482.55	\$1,447.65	\$232.39	\$697.17
6"	\$90.61	\$271.83	\$100.44	\$301.32	\$280.70	\$842.10	\$750.63	\$2,251.89	\$344.57	\$1,033.71
8"	\$147.88	\$443.64	\$163.93	\$491.79	\$390.95	\$1,172.85	\$1,018.72	\$3,056.16	\$479.04	\$1,437.12
12"	\$244.20	\$732.60	\$270.70	\$812.10	\$591.48	\$1,774.44	\$1,581.69	\$4,745.07	\$724.75	\$2,174.26
<u>Charges for Private Fire Protection Service</u>										
Size of Meter										
2"	\$12.05	\$36.15	\$13.36	\$40.08	\$13.81	\$41.43	\$14.21	\$42.63	\$14.38	\$43.14
3"	\$15.69	\$47.07	\$17.39	\$52.17	\$17.98	\$53.94	\$18.50	\$55.50	\$18.72	\$56.16
4"	\$23.56	\$70.68	\$26.12	\$78.36	\$26.99	\$80.97	\$27.77	\$83.31	\$28.10	\$84.30
6"	\$39.49	\$118.47	\$43.77	\$131.31	\$45.26	\$135.78	\$46.56	\$139.68	\$47.12	\$141.36
8"	\$59.37	\$178.11	\$65.81	\$197.43	\$68.05	\$204.15	\$70.01	\$210.03	\$70.85	\$212.55
10"	\$99.44	\$298.32	\$110.23	\$330.69	\$113.96	\$341.88	\$117.24	\$351.72	\$118.65	\$355.95
12"	\$139.82	\$419.46	\$154.99	\$464.97	\$160.27	\$480.81	\$164.89	\$494.67	\$166.87	\$500.61

Exhibits

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

<u>Water Assessment Rates and Other Related Charges:</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Main Pipe Assessment (per ft)	\$41.00	\$41.00	\$41.00
Service Pipe Taps (Does not include materials)			
1" Service Tap	\$400.00	\$400.00	-
1-1/2" & 2" Service Taps	\$400.00	\$400.00	-
4", 6", & 8" Service Taps	\$621.00	\$621.00	-
Domestic (Includes spacer and meter costs)			
1" Service Tap with 5/8" Meter	-	-	\$550.00
1" Service Tap with 3/4" Meter	-	-	\$575.00
1-1/2" Service Tap with 1" Meter	-	\$400.00	\$695.00
2" Service Tap with 1-1/2" Meter	-	\$400.00	\$940.00
4" Service Tap with 2" Meter	-	\$400.00	\$990.00
4" Service Tap with 3" Meter	-	-	\$1,120.00
6" Service Tap with 4" Meter	-	\$621.00	\$1,320.00
8" Service Tap with 6" Meter	-	\$621.00	\$1,945.00
10" Service Tap with 8" Meter	-	\$621.00	\$2,910.00
Fire Service			
2" Fire Service Tap	-	-	\$565.00
4" Fire Service Tap	-	-	\$460.00
6" Fire Service Tap	-	-	\$460.00
8" Fire Service Tap	-	-	\$460.00
Hydrants			
Installed after the main	\$8,800.00	\$8,800.00	\$9,800.00
Hydrant Maintenance	\$80.00	\$80.00	\$100.00
Hydrant Relocation	-	-	\$15,000.00
			deposit + actual cost + overhead
Fire Flow Testing	-	-	\$340.00

Exhibits

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

<u>Special Meter Charges and Deposits:</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Hydrant Meters			
Non-refundable administrative and meter reading fee - includes \$100 minimum water use	\$250.00	\$250.00	-
Administrative and meter reading fee, including connection and inspection fees + actual water use to be billed	-	-	\$1,000.00
Hydrant Meter Deposit	actual cost	actual cost	\$1,500.00
Connection / Inspection Fee	\$750.00	\$750.00	-
Subsequent re-inspection and testing fee, if backflow prevention device required	\$50.00	\$50.00	\$50.00
Frozen, Lost or Damaged Meters			
5/8" meter	\$126.00	\$126.00	\$200.00
3/4" meter	\$142.00	\$142.00	\$240.00
1" meter	\$164.00	\$164.00	\$275.00
1-1/2" Meter		-	\$920.00
2" Meter		-	\$1,155.00
3" Meter		-	\$1,355.00
4" Meter		-	\$1,615.00
6" Meter		-	\$2,560.00
8" Meter		-	\$4,000.00
Radio transmitter unit	\$100.00	\$100.00	\$155.00
Repair meter larger than 1"	actual cost + overhead	actual cost + overhead	-
Replace meter larger than 1"	replacement + handling cost	replacement + handling cost	-

Exhibits

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

<u>Special Meter Charges and Deposits:(Cont'd)</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Spacer Charges			
5/8", 3/4"	\$59.00	\$59.00	\$145.00
1"	-	\$98.00	\$150.00
1-1/2"	\$98.00	\$98.00	\$200.00
2" & larger	\$115.00	\$115.00	\$220.00
Damaged Hydrant Charge			
Replacement	actual cost + overhead	actual cost + overhead	actual cost + overhead
Repair	actual cost + overhead	actual cost + overhead	actual cost + overhead
Delinquent Account Review and Lien Fees	\$13.00	\$13.00	\$85.00
Checks Returned for Insufficient Funds	\$40.00	\$40.00	\$50.00
Shut-Off for Non-Payment	\$75.00	\$75.00	\$98.00
Emergency Inspection	\$250.00	\$250.00	-
Scheduled Overtime/Emergency Inspections	\$190.00	\$190.00	\$325.00
Off and On Within 12 Months	\$81.00	\$81.00	\$95.00
Install Permanent Meter (No Service Tap)	\$81.00	\$81.00	-
5/8" - 1" Meter		-	\$96.00
2" Meter & Larger		-	\$240.00
Backflow Prevention Device Testing	\$50.00	\$50.00	\$88.00
Check reading & leaks (no problem found)	\$81.00	\$81.00	\$90.00
Water Wagon-Saturday	-	-	\$1,030.00
Water Wagon-Sunday	-	-	\$1,350.00
Water Tanker -Administrative Fee + actual water use to be billed	-	-	\$75.00
Administrative Review for Water and/or Sewer Services	-	-	\$465.00

Exhibits

HISTORICAL SEWER RATES

Year Adopted	Member Town Ad Valorem	Sewer Rates (Per CCF)	BOD Rates (Per CCF)	COD Rates (Per CCF)	Suspended Solids Rates (Per CCF)	Special Sewer Surcharge (Per CCF)
2004	\$ 25,684,985	\$1.61	\$0.22	\$0.22	\$0.17	N/A
2005	\$ 26,991,288	\$1.70	\$0.22	\$0.22	\$0.17	N/A
2006	\$ 29,214,143	\$1.84	\$0.22	\$0.22	\$0.17	N/A
2007	\$ 30,966,992	\$1.96	\$0.24	\$0.24	\$0.19	N/A
2008	\$ 32,670,177	\$2.08	\$0.25	\$0.25	\$0.20	\$0.35
2009	\$ 30,967,000	\$2.08	\$0.25	\$0.25	\$0.20	\$0.70
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

BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

Suspended Solids strength charge

N/A = Not Applicable

Exhibits

COMPOUND ANNUAL GROWTH RATE SCHEDULE

<u>Description</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>CAGR</u>	<u>2013-2014 Change</u>
Ad Valorem	\$30,967,000	\$33,134,800	\$33,493,200	\$34,799,400	\$36,156,600	3.9%	3.9%
Sewer Debt Service	\$12,858,000	\$19,205,400	\$28,229,300	\$50,262,400	\$37,914,700	31.0%	-24.6%
Total Sewer Budget	\$55,026,500	\$61,149,500	\$71,138,100	\$92,674,000	\$80,716,300	10.1%	-12.9%
Sewer User Charge	\$ 2.08	\$ 2.35	\$ 2.46	\$ 2.52	\$ 2.62	5.9%	4.0%
Base Water Rate	\$ 2.12	\$ 2.35	\$ 2.43	\$ 2.50	\$ 2.53	4.5%	1.2%
Water Debt Service	\$7,268,000	\$10,473,600	\$11,617,800	\$12,276,300	\$14,720,500	19.3%	19.9%
Total Water Budget	\$58,945,600	\$62,887,200	\$65,853,800	\$68,023,700	\$70,204,300	4.5%	3.2%

Exhibits

HISTORICAL HEADCOUNT

<u>Budget</u>	<u>2013</u>	<u>2014</u>	<u>Change</u>
Operating	431	435	4
Capital Improvement Program	107	113	6
Clean Water Project	<u>0</u>	<u>1</u>	<u>1</u>
Total	538	549	11

Glossary

Abbreviations/Acronyms

The following abbreviations are commonly used throughout the budget document.

Acronym	Description
AAP	Affirmative Action Plan
BPW	Bureau of Public Works
CCF	Hundred cubic feet
CIP	Capital Improvement Program
CWP	Clean Water Project
CMOM	Capacity, Management, Operations & Maintenance
CSO	Combined Sewer Overflow
CRRA	Connecticut Resources Recovery Authority
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
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
RRI	Riverfront Recapture, Inc.
SDWA	Safe Drinking Water Act
SSO	Sewer Separation Overflow
VMF	Vehicle Maintenance Facility

Glossary

Definitions

Activity: a specific line of work performed by one or more organizational components for the purpose of accomplishing a departmental responsibility.

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.

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.

Automated Work Order System: a system which provides for more accurate and timely reporting of personnel time, materials and supplies associated with individual jobs and corresponding work orders.

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.

Glossary

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

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.

Connecticut Plan: State of Connecticut master water supply plan, as developed by the state's public and private water purveyors under the direction of the Department of Public Health (DPH).

Connecticut Resources Recovery Authority (CRRA): one the State authorities responsible for Connecticut's solid waste disposal program, including the Hartford-based Mid-Connecticut Project.

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

Glossary

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.

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.

Environmental Systems Research Institute, Inc. (ESRI): A full service geographic information system (GIS) company that provides support services to the GIS Services activity.

Exclusive Service Area: the designated service (franchise) area of a water purveyor under the Connecticut Plan.

Expenditure: actual disbursement or expense.

Farmington River Watershed Association (FRWA): non-profit organization that oversees programs and projects on the Farmington River in Massachusetts and Connecticut.

Glossary

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

Ford Box: meter located in a meter pit outside the premises being served.

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.

Gravel Program: District's plan to extract and process sand and gravel from MDC-owned land for sale and in-house use.

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.

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.).

Glossary

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.

Mid-Connecticut Project: The CRRA's Hartford-based resources recovery project, which began commercial operation in mid-1988. The project handles approximately 2,500 tons of garbage per day from 64 municipalities. MDC personnel are responsible for waste transportation/processing and transfer station operations under a contract with the CRRA.

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 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.

Glossary

Pay-as-you-go: payment of current expenses and capital improvements with current revenues (as opposed to borrowed funds).

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.

Photogrammetry: the process of making maps or scale drawings from photographs, especially aerial photographs.

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.

Resource Recovery: a term given to the process by which solid waste (garbage) is reused/recycled and/or converted (through incineration) to a source of fuel/energy.

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

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.

Sub-Activity: unit within an activity.

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 help.

Glossary

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.

Transfer Station: a facility where “local” solid waste is delivered and temporarily stored prior to final delivery to the Mid-Connecticut Project’s regional waste-to-energy facility in the South Meadows section of Hartford.

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.

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.

Water Utility Coordinating Committee (WUCC): committee comprised of representatives from public and private water purveyors, regional planning agencies and state agencies with regulatory authority regarding potable water issues whose responsibility it is to develop a long-term water supply plan for a DPH-designated region.

Working Funds: surplus funds available to support the potable water “side” of the budget.

Workload Criteria: anticipated level of work to be accomplished during the budget year, upon which staffing is based.

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

2014 Capital Improvement Program

Summary

Overview

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

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

Major Capital Improvement Components

Wastewater

The primary projects included in this budget are the replacement of sewer mains and improvements and modernization to MDC's Water Pollution Control facilities. The following are some of next year's major expenditures.

Water Pollution Control Facilities	22,550,000*
Wastewater Pump Station Improvements	12,345,000*

Water

This budget anticipates a significant increase in water main replacements. A portion of these replacements are derived from the asset management program and the other portion is related to the Clean Water Project. In addition, there are plans to make improvements to the water infrastructure including the pipeline, storage facilities and pump stations. The following are some of the major expenditures for next year.

Basin Related Projects	4,950,000*
Radio Frequency Automated Meter Reading Program	5,000,000*
Dam Related Projects	15,800,000*

Combined

The primary projects are to improve various District Facilities.

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

2014 Capital Improvement Program

Summary

Five-Year Capital Improvement Program

It is anticipated that the District will continue to complete projects associated with the 2006 and 2013 Clean Water Project referendums, during 2014. The District will continue to maintain and improve its assets to ensure the safe and efficient operation of service. In addition, the District has undertaken a comprehensive asset management program which involves a systematic replacement of water and sewer infrastructure in a proactive manner. The results of this program are reflected in the tables below.

2014 Capital Improvement Program

Summary

Wastewater	2014	2015	2016	2017	2018
Assessable Sewer Program	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Backwater Valve Program	750,000	750,000	750,000	750,000	750,000
Pump Station Upgrades – Brookside Street, Newington	900,000	-	-	-	-
Pump Station Upgrades – Burnside Avenue, East Hartford	3,300,000	-	-	-	-
Dividend Brook Drainage Area	-	5,000,000	5,000,000	5,000,000	5,000,000
EH WPC Plant Infrastructure Renewal and Replacements	-	-	3,705,000	-	-
Pump Station Upgrades – Fishfy Street, Hartford	1,350,000	-	-	-	-
General Purpose Sewer	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Governor's Highway Pump Station, East Hartford	-	500,000	2,100,000	-	-
Greenhurst, West Hartford	-	4,000,000	-	-	-
Private Property Greenhurst, West Hartford	-	4,000,000	-	-	-
Pump Station Upgrades – Howard Avenue, Wethersfield	370,000	1,350,000	-	-	-
HWPCF Cake Storage	-	-	4,500,000	-	-
HWPCF Centrifuge Replacement, GT Replacement & Sludge Mix Tanks Design	-	850,000	4,500,000	-	-
HWPCF DAFT 1 & 2	-	3,500,000	-	-	-
Hartford WPCF DAFT Sludge Equalization Design	800,000	5,000,000	-	-	-
Hartford WPCF Final Settling Tank #1	3,000,000	-	-	-	-
HWPCF Final Settling Tank #2	-	3,000,000	-	-	-
HWPCF Final Settling Tank #3	-	-	3,250,000	-	-
HWPCF Final Settling Tank #4	-	-	3,250,000	-	-
HWPCF Final Settling Tank #5	-	-	-	3,500,000	-
HWPCF Final Settling Tank #6	-	-	-	3,500,000	-
HWPCF FOG Receiving Facility	-	-	-	3,600,000	-
Hartford WPCF Sludge Mixing Tank, Sludge Screening, GT & RSRF Upgrades	5,000,000	-	-	-	-
HWPCF Secondary Facility Architectural Improvements	-	-	-	-	4,500,000
HWPCF Secondary Facility General Improvements	-	-	-	-	4,500,000
Hartford WPCF West Primary Settling Tanks	3,100,000	-	-	-	-
Pump Station Upgrades – Island Road, Windsor	500,000	3,000,000	-	-	-
Mohawk Dr Pump Station, East Hartford	-	3,500,000	-	-	-
Rehabilitation/Replacement NM-14 Overflow, Hartford	1,050,000	-	-	-	-
No Meadows CSO (NM-2->NM-4)	-	-	1,000,000	-	-
Park Avenue Sewer Improvements	-	4,290,000	-	-	-
Sewer Replacement – Packard Street & Daniel Boulevard, Bloomfield	3,000,000	-	-	-	-
Prasser Pump Station, East Hartford	-	2,100,000	-	-	-
Private Property Inflow Disconnect Program	100,000	100,000	100,000	100,000	100,000
Pump Station Replacement – Rainbow Trunk, Windsor	5,000,000	-	-	-	-
Rocky Hill WPCF Upgrade – Aeration & Disinfection	3,000,000	-	-	-	-
Rocky Hill WPCF Upgrade – Electrical	4,000,000	-	-	-	-
Rocky Hill Upgrade BODR - CIP 1	-	-	5,000,000	-	-
Rocky Hill Upgrade BODR - CIP 2	-	-	-	5,000,000	-
Rocky Hill Upgrade BODR - CIP 3	-	-	-	-	5,000,000
Rocky Hill Upgrade BODR - CIP 4	-	-	-	-	5,000,000
Sewer Rehabilitation Program	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Sewer Replacement - Madison Avenue, Hartford	1,000,000	-	-	-	-
Sewer Extension – Marsh Street, Wethersfield	400,000	3,000,000	-	-	-
Sewer Replacement - Oakwood Avenue, West Hartford	4,100,000	-	-	-	-
Pump Station Replacement – Stonehedge - Ochialini, Newington	575,000	2,000,000	-	-	-
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Wastewater Pump Station Improvements	350,000	-	-	-	-
WPC Electrical Systems Upgrades	-	-	2,000,000	-	2,000,000
WPC Equipment & Facilities Refurbishment	1,400,000	1,500,000	1,600,000	1,700,000	1,700,000
WPC Renewal and Replacements	2,250,000	3,500,000	3,350,000	4,000,000	4,000,000
District-Wide Sewer Asset Management Program	1,000,000	-	-	-	-
Levee Protection System Improvements, East Hartford and Hartford	3,100,000	-	-	-	-
Renewable Energy Projects – Sewer Facilities	300,000	5,000,000	5,000,000	5,000,000	5,000,000
WPC SCADA Upgrades	-	-	-	2,000,000	-
Total Wastewater	\$ 65,195,000	\$ 71,440,000	\$ 60,605,000	\$ 49,650,000	\$ 53,050,000

2014 Capital Improvement Program

Summary

Water	2014	2015	2016	2017	2018
Radio Frequency	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Water Main Replacements - West Hartford	1,500,000	-	-	-	-
Blue Hills Ave Area WMR	-	4,000,000	-	-	-
Transmission Main Replacement - Hamilton St. and Park St., Hartford-Phase II	1,500,000	-	-	-	-
Cedar Mountain Tank Improvements	-	500,000	4,500,000	-	-
Church St WMR Phase II	-	2,320,000	-	-	-
Collinsville Tanks	-	-	500,000	500,000	-
Collinsville WTP Emergency Generator Replacement	500,000	-	-	-	-
Dam Safety Improvements	-	1,500,000	3,000,000	5,000,000	5,000,000
Eastbury Storage Tank Improvements	3,750,000	-	-	-	-
General Purpose Water Program	3,500,000	5,000,000	5,000,000	5,000,000	5,000,000
Goodwin Dam Bridge Rehabilitation & Spillway Channel Improvements	2,800,000	-	-	-	-
Long Hill Road Connector WM	-	2,500,000	-	-	-
Newington Standpipe	-	-	1,000,000	-	-
Transmission Main Extension - Newington	3,500,000	-	-	-	-
Oak Street Extension	-	3,500,000	-	-	-
Oakwood Ave WMR, West Hartford	1,550,000	-	-	-	-
Orchard Street Pump Station, Glastonbury	3,000,000	-	-	-	-
Paving Program	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Paxton Way Tank Improvements, Glastonbury	-	500,000	1,000,000	-	-
Phelps Brook Dam and East Dike Rehabilitation Project	3,000,000	-	-	-	-
Dam Safety Improvements - Res #1	3,000,000	-	-	-	-
Reservoir #1 Dam - Spillway Channel Modification	5,000,000	-	-	-	-
Reservoir #3 Dam Improvements	-	4,000,000	-	-	-
Reservoir #3 Dam Rehabilitation	-	2,400,000	-	-	-
Reservoir #6 Filter Basin Improvements	1,950,000	-	-	-	-
Reservoir #6 to Reservoir 5 Phase 2	-	5,000,000	-	-	-
Reservoir #6 Washwater Tanks	-	1,000,000	1,000,000	-	-
Rocky Hill Standpipe Improvements	-	-	1,000,000	-	-
Saville Dam Embankment Improvements	2,000,000	-	-	-	-
Simsbury Road WPS, Bloomfield	300,000	3,000,000	-	-	-
Tanks and Distribution	-	5,000,000	5,000,000	5,000,000	5,000,000
Pump Stations Improvements	-	5,000,000	5,000,000	5,000,000	5,000,000
Transmission Main - Kilkenny	-	5,000,000	-	-	-
Uplands Way WPS, Glastonbury	300,000	3,000,000	-	-	-
Various Transmission Main Design & Construction	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000
Vexation Tanks 1-4, Rocky Hill	3,300,000	3,000,000	3,000,000	3,000,000	3,000,000
Water Rehabilitation Program	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Water Supply Generators	2,800,000	-	-	-	-
Water Supply Improvements	-	3,845,000	2,350,000	-	-
Water Treatment Facility Upgrades	2,300,000	2,500,000	2,500,000	2,500,000	2,500,000
Wethersfield Pump Station Improvements	2,900,000	-	-	-	-
Wethersfield Water Mains	3,000,000	-	-	-	-
WHF 6MG Filter Basin Improvements	3,000,000	-	-	-	-
WHWTP Site Piping & Valve Improvements	-	-	3,800,000	-	-
WHWTP South Storage Tank Installation	-	-	-	3,500,000	-
District-Wide Water Asset Management Program	250,000	-	-	-	-
Water Pump Station Improvements	175,000	-	-	-	-
Renewable Energy Projects - Water	300,000	5,000,000	5,000,000	5,000,000	5,000,000
Wickham Hill Basins Phase 2	-	500,000	5,000,000	-	-
Total Water	\$ 66,275,000	\$ 79,165,000	\$ 59,750,000	\$ 45,600,000	\$ 41,600,000

2014 Capital Improvement Program

Summary

Combined	2014	2015	2016	2017	2018
Facility Roof Replacements	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Land Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Fleet Replacement	-	1,100,000	-	1,100,000	-
Facilities Improvement Program	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Information Systems	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Survey & Construction	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Engineering Services	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000
Construction Services	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000
Technical Services	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
Total Combined	\$ 24,000,000	\$ 25,000,000	\$ 23,900,000	\$ 25,000,000	\$ 23,900,000
Wastewater, Water, Combined Total	\$ 155,470,000	\$ 175,605,000	\$ 144,255,000	\$ 120,250,000	\$ 118,550,000

Total Authorized Positions 113

Charts are shown in thousands.

(1) WPC means Water Pollution Control

2014 Capital Improvement Program

Appropriation

The Metropolitan District's Capital Improvement Program budget for 2014 totals \$155,470,000 as reflected in the following summary, wastewater programs total \$65,195,000; water programs total \$66,275,000; and combined programs total \$24,000,000.

Wastewater

Assessable Sewer Program	\$ 500,000	
Backwater Valve Program	750,000	
Pump Station Upgrades – Brookside Street, Newington	900,000	
Pump Station Upgrades – Burnside Avenue, East Hartford	3,300,000	
Pump Station Upgrades – Fishfry Street, Hartford	1,350,000	
General Purpose Sewer	5,000,000	
Pump Station Upgrades – Howard Avenue, Wethersfield	370,000	
Hartford WPCF DAFT Sludge Equalization Design	800,000	
Hartford WPCF Final Settling Tank #1	3,000,000	
Hartford WPCF Sludge Mixing Tank, Sludge Screening, GT & RSRF Upgrades	5,000,000	
Hartford WPCF West Primary Settling Tanks	3,100,000	
Pump Station Upgrades – Island Road, Windsor	500,000	
Rehabilitation/Replacement NM-14 Overflow, Hartford	1,050,000	
Sewer Replacement – Packard Street & Daniel Boulevard, Bloomfield	3,000,000	
Private Property Inflow Disconnect Program	100,000	
Pump Station Replacement – Rainbow Trunk, Windsor	5,000,000	
Rocky Hill WPCF Upgrade – Aeration & Disinfection	3,000,000	
Rocky Hill WPCF Upgrade – Electrical	4,000,000	
Sewer Rehabilitation Program	5,000,000	
Sewer Replacement - Madison Avenue, Hartford	1,000,000	
Sewer Extension – Marsh Street, Wethersfield	400,000	
Sewer Replacement - Oakwood Avenue, West Hartford	4,100,000	
Pump Station Replacement – Stonehedge - Ochialini, Newington	575,000	
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000	
Wastewater Pump Station Improvements	350,000	
WPC Equipment & Facilities Refurbishment	1,400,000	
WPC Renewal and Replacements	2,250,000	
District-Wide Sewer Asset Management Program	1,000,000	
Levee Protection System Improvements, East Hartford and Hartford	3,100,000	
Renewable Energy Projects – Sewer Facilities	300,000	
Total Wastewater		\$ 65,195,000

2014 Capital Improvement Program

Appropriation

Water

Radio Frequency Automated Meter Reading	\$ 5,000,000	
Water Main Replacements – West Hartford	1,500,000	
Transmission Main Replacement - Hamilton St. and Park Terrace, Hartford, Phase II	1,500,000	
Collinsville WTP Emergency Generator Replacement	500,000	
Eastbury Basin Rehabilitation	3,750,000	
General Purpose Water Program	3,500,000	
Goodwin Dam Bridge Rehabilitation & Spillway Channel Improvements	2,800,000	
Transmission Main Extension – Newington	3,500,000	
Water Main Replacement Oakwood Avenue, West Hartford	1,550,000	
Orchard Street Water Pump Station, Glastonbury	3,000,000	
Paving Program	3,000,000	
Phelps Brook Dam and East Dike Rehabilitation Project	3,000,000	
Dam Safety Improvements – Res #1	3,000,000	
Reservoir #1 Dam – Spillway Channel Modification	5,000,000	
Bloomfield Water Treatment Facility Filtered Water Basin Improvements	1,950,000	
Saville Dam Embankment Improvements	2,000,000	
Simsbury Road Water Pump Station, Bloomfield	300,000	
Uplands Way Water Pump Station, Glastonbury	300,000	
Various Transmission Main Design & Construction	2,100,000	
Vexation Tanks 1-4 Improvements, Rocky Hill	3,300,000	
Water Rehabilitation Program	1,000,000	
Water Supply Generators	2,800,000	
Water Treatment Facilities Upgrades	2,300,000	
Wethersfield Water Pump Station, Wethersfield	2,900,000	
Water Main Replacement – Wethersfield	3,000,000	
West Hartford Water Treatment Facility 6 MG Filtered Water Basin Improvements	3,000,000	
District-Wide Water Asset Management Program	250,000	
Water Pump Station Improvements	175,000	
Renewable Energy Projects – Water Facilities	300,000	
Total Water		\$ 66,275,000

2014 Capital Improvement Program

Appropriation

Combined

Facility Roof Replacements	\$ 600,000	
Land Improvements	1,000,000	
Facilities Improvement Program	3,000,000	
Information Systems	5,000,000	
Survey & Construction	5,000,000	
Engineering Services	3,300,000	
Construction Services	3,500,000	
Technical Services	2,600,000	
Total Combined		\$ 24,000,000

Wastewater, Water, Combined Total	\$ 155,470,000
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Total Authorized Positions	113
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2014 Capital Improvement Program

Wastewater

The following is a list of the recommended wastewater system programs and projects to be funded through the MDC's 2014 Capital Improvement Program budget. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

Wastewater

Assessable Sewer Program	\$ 500,000	
Backwater Valve Program	750,000	
Pump Station Upgrades – Brookside Street, Newington	900,000	
Pump Station Upgrades – Burnside Avenue, East Hartford	3,300,000	
Pump Station Upgrades – Fishfry Street, Hartford	1,350,000	
General Purpose Sewer	5,000,000	
Pump Station Upgrades – Howard Avenue, Wethersfield	370,000	
Hartford WPCF DAFT Sludge Equalization Design	800,000	
Hartford WPCF Final Settling Tank #1	3,000,000	
Hartford WPCF Sludge Mixing Tank, Sludge Screening, GT & RSRF Upgrades	5,000,000	
Hartford WPCF West Primary Settling Tanks	3,100,000	
Pump Station Upgrades – Island Road, Windsor	500,000	
Rehabilitation/Replacement NM-14 Overflow, Hartford	1,050,000	
Sewer Replacement – Packard Street & Daniel Boulevard, Bloomfield	3,000,000	
Private Property Inflow Disconnect Program	100,000	
Pump Station Replacement – Rainbow Trunk, Windsor	5,000,000	
Rocky Hill WPCF Upgrade – Aeration & Disinfection	3,000,000	
Rocky Hill WPCF Upgrade – Electrical	4,000,000	
Sewer Rehabilitation Program	5,000,000	
Sewer Replacement - Madison Avenue, Hartford	1,000,000	
Sewer Extension – Marsh Street, Wethersfield	400,000	
Sewer Replacement - Oakwood Avenue, West Hartford	4,100,000	
Pump Station Replacement – Stonehedge - Ochialini, Newington	575,000	
Various Sewer Pipe Replacement/Rehab – District Wide	5,000,000	
Wastewater Pump Station Improvements	350,000	
WPC Equipment & Facilities Refurbishment	1,400,000	
WPC Renewal and Replacements	2,250,000	
District-Wide Sewer Asset Management Program	1,000,000	
Levee Protection System Improvements, East Hartford and Hartford	3,100,000	
Renewable Energy Projects – Sewer Facilities	300,000	
Total Wastewater		\$ 65,195,000

2014 Capital Improvement Program

Wastewater

The projects that comprise the above programs are necessary to enhance, upgrade and rehabilitate the extensive sewer infrastructure throughout the District and to improve the efficiency and effectiveness of facility operations. The following positions are included in wastewater program:

Authorized Positions

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

2014 Capital Improvement Program

Wastewater

Program - Assessable Sewer Program

Amount
\$500,000

Project #
SCS.SR0014.01

Fund
5630

Description

Extension of existing sanitary sewers resulting from property owner petitions for public sewer service within the District's sewer service area. This project includes design, construction and project administration. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To provide sanitary sewer service to property owners within the District's service area by extending local sewer mains. Property owners to be served have either a specific health concern or a desire for public sanitary sewer service.

Future Appropriations

Future appropriation requests for other projects are anticipated over the next four years and include forecasted funding requirements of \$2,000,000.

Bond Language

The sum of \$500,000 is hereby appropriated for the extension of local sanitary sewer projects resulting from property owner petitions for sewer service within the District's service area, including design, construction, project administration, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program - Backwater Valve Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$750,000	SCS.EQ0014.01	5113

Description

Install and or replace backwater valves to protect customer from sewer surcharging. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To eliminate interior residential sewer surcharges and inflow to the sewer system.

Future Appropriations

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

Bond Language

The sum of \$750,000 is hereby appropriated for the installation and/or replacement of backwater valves to eliminate interior residential sewer surcharges and inflow to the sewer system, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Brookside Street, Newington

Amount
\$900,000

Project #
WWA.CS1208.02

Fund
5113

Description

An increase in the original appropriation is requested in order to design and construct the Brookside Street, Newington pump station. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate Brookside Street pump station.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2013 Pump Station Upgrades – Brookside Street, Newington authorization of \$2,340,000 (WWA.CS1208.01). The total appropriation will now be \$3,240,000. Funds will be transferred from WWA.CS1208.02 to WWA.CS1208.01.

Bond Language

The sum of \$900,000 is hereby appropriated for the design and construction of the Brookside Pump Station in Newington, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Burnside Avenue, East Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,300,000	SCS.PS0714.01	5113

Description

Design and construction of the Burnside Avenue, East Hartford pump station. Rehabilitation, restoration and upgrades of wastewater pump station to include updates to site structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace and upgrade pump station equipment.

Future Appropriations

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

Bond Language

The sum of \$3,300,000 is hereby appropriated for the rehabilitation, restoration and upgrades of the pump station site at Burnside Avenue, East Hartford, including updates to site structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security improvements, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Fishfry Street, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,350,000	WWA.CS1175.02	5113

Description

An increase appropriation is requested for rehabilitation and restoration of pump station site including pavement improvements, design upgrades to pump station equipment and improvements to HVAC. Upgrades and improvements to inlet gravity sewers, force mains and electric utility work may be included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate the existing pumping station equipment.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2012 Pump Station Upgrades-Fishfry Street, Hartford, authorization for \$122,000 (WWA.CS1175.01). Total appropriation for this project will now be \$1,472,000. Funds will be recorded in WWA.CS1175.02 and then transferred to WWA.CS1175.01.

Bond Language

The sum of \$1,350,000 is hereby appropriated for the rehabilitation and restoration of the pump station site at Fishfry Street, Hartford, including pavement improvements, design upgrades to pump station equipment, improvements to HVAC, upgrades and improvements to inlet gravity sewers, force mains, electrical utility work, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – General Purpose Sewer

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0014.02	5113

Description

Design and construction of the replacement, rehabilitation and or upgrade of existing sewer mains and or equipment, excluding vehicles, at various locations District wide as a result of exceeding the infrastructure life expectancy. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace, rehabilitate and or upgrade sewer mains and/or equipment within various District member towns.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the design, construction, replacement, rehabilitation and upgrade of sewer mains and/or equipment, excluding vehicles, District wide as a result of exceeding the infrastructure life expectancy, including design, construction, equipment (other than vehicles), labor costs and associated overhead expenses related thereto, and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Howard Avenue, Wethersfield

Amount
\$370,000

Project #
SCS.PS0214.01

Fund
5113

Description

Design of the pump station located at Howard Avenue, Wethersfield. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design the pump station.

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$370,000 is hereby appropriated for design of the Howard Avenue, Wethersfield pump station, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Hartford WPCF DAFT Sludge Equalization Design

Amount
\$800,000

Project #
WPC.FA0114.01

Fund
5113

Description

Design of the Hartford WPCF Dissolved Air Flotation Thickening Sludge Equalization facility. Sludge equalization will allow for the HWPCF to continuously remove the sludge from the BNR system. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design the HWPCF DAFT Sludge Equalization facility.

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$800,000 is hereby appropriated for the design of the Hartford Water Pollution Control Facility Dissolved Air Flotation Thickening Sludge Equalization facility to allow the Hartford WPCF to remove sludge from the BNR system, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Hartford WPCF Final Settling Tank #1

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WPC.FA0114.02	5113

Description

Rehabilitate existing concrete; install an improved sludge collection/scum collection mechanism, weirs and weir covers at final settling tank (FST). District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace and upgrade final settling tank (FST).

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$3,000,000 is hereby appropriated for improvements to the Hartford Water Treatment Facility Final Settling Tank #1*, including rehabilitating existing concrete, installing an improved collection/scum collection mechanism, weirs and weir covers at the final settling tank, including labor costs and associated overhead expenses and for legal, administrative and other financing costs related thereto.

**Project name in Bond Resolution to be corrected from Hartford Water Treatment Facility Final Settling Tank #1 to Hartford Water Pollution Control Facility Final Settling Tank #1. At a future Board meeting.*

2014 Capital Improvement Program

Wastewater

Program – Hartford WPCF Sludge Mixing Tank, Sludge Screening, GT & RSRF Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WPC.FA0114.03	5113

Description

Design and construction of Sludge Mixing Tank, Sludge Screening, Gravity Thickener and Regional Solids Receiving Facility Upgrades at the Hartford WPCF. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To screen sludge of foreign material, such as rags and grit, that frequently cause solid processing issues.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$5,000,000 is hereby appropriated for the design and construction of a sludge mixing tank, sludge screening, gravity thickener and regional solids receiving facility upgrades at the Hartford Water Pollution Control Facility, including labor costs and associated overhead expenses related thereto and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Hartford WPCF West Primary Settling Tanks

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,100,000	WPC.FA0114.04	5113

Description

Rehabilitate the mechanical components of the existing west primary clarifiers to include new flights, wear shoes, wear strips, rails, chain, sprockets and drives. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate WPCF West Primary Settling Tanks to meet plant needs during construction of the chemically enhanced primary treatment facility and the demolition of the four east clarifiers.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$3,100,000 is hereby appropriated for the rehabilitation of the existing west primary clarifiers at the Hartford Water Pollution Control Facility including new flights, wear shoes, wear strips, rails, chains, sprockets, drives, labor costs and associated overhead expenses related thereto, and for design, engineering, construction, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Upgrades – Island Road, Windsor

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$500,000	SCS.PS0614.01	5113

Description

Design of the Island Road Wastewater Pump Station, Windsor. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design upgrades to the pump station equipment.

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$500,000 is hereby appropriated for design of the Island Road, Windsor pump station, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Rehabilitation/Replacement NM-14 Overflow, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,050,000	SCS.SR0114.01	5113

Description

Rehabilitation and replacement of the existing combined sewer/drainage infrastructure downstream of the NM-14 Overflow in Hartford. To include design and construction costs. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To rehabilitate and replace deteriorating pipes to prevent failure.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$1,050,000 is hereby appropriated for rehabilitation and replacement of the existing combined sewer/drainage infrastructure downstream of the NM-14 overflow in Hartford, including design, construction, labor costs and associated overhead expenses related thereto, and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Sewer Replacement – Packard Street & Daniel Boulevard, Bloomfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	SCS.SR0514.01	5113

Description

Replacement of various portions of sanitary sewer on Packard Street & Daniel Boulevard, Bloomfield. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$3,000,000 is hereby appropriated for the replacement of various portions of sanitary sewer on Packard Street and Daniel Boulevard, Bloomfield, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program - Private Property Inflow Disconnect Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$100,000	SCS.EQ0014.02	5113

Description

Install sump pumps to allow for the discharge of inflow water to the outside lawn area and to disconnect footing drains, floor drains and roof leader drains from the sanitary system. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To eliminate storm water 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 \$100,000 is hereby appropriated for the Private Property Inflow Disconnect Program, including the installation of sump pumps to allow discharge of inflow water to outside lawn areas and to disconnect footing drains, floor drains and roofleader drains from the sanitary system, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Replacement – Rainbow Trunk, Windsor

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.PS0614.02	5113

Description

Replacement of the Rainbow Trunk, Windsor pump station. This will include updates to site structures, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security. Upgrades and improvements to inlet gravity sewers, force mains and electric utility work may be included. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace the pump station.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the replacement of the Rainbow Trunk, Windsor Pump Station, including updates to site structure, mechanical, electrical, HVAC, piping and plumbing, controls and instrumentation, site and security, upgrades and improvements to inlet gravity sewers, force mains, electrical utility work, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Rocky Hill WPCF Upgrade – Aeration & Disinfection

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WPC.EQ0314.01	5113

Description

This project will construct improvements to the existing aeration and disinfection systems as part of the overall plant upgrade to 27 MGD. The project will include, but is not limited to the following: aeration system improvements include installation of high efficiency blowers, new process air piping, a building addition for new electrical switchgear, a new electrical room for all new motor control centers, new electrical gear, HVAC, controls and new polymer system. Disinfection improvements will provide needed capacity to meet future flows by installing new chemical storage tanks, chemicals metering pumps, related electrical and controls. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade the Rocky Hill WPCF to 27 MGD.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the construction of improvements to the aeration and disinfection systems of the Rocky Hill Water Pollution Control Facility as part of the overall plant upgrade to 27 MGD, including aeration system improvements, the installation of high efficiency blowers, new process air piping, a building addition for new electrical switchgear, a new electrical room for all new motor control centers, new electrical gear, HVAC, controls, a new polymer system, disinfection improvements, new chemical storage tanks, chemicals metering pumps, related electrical controls, labor costs and associated overhead expenses related thereto, and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Rocky Hill WPCF Upgrade – Electrical

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,000,000	WPC.EQ0314.02	5113

Description

This project will implement improvements to the main electrical distribution system at the RHWPCF. Improvements will include, but are not limited to the following: complete replacement of utility transformers and main electrical switch gear, installation of an entirely new electrical distribution network (ducts, wires, etc.), all new motor control centers and variable frequency drives (except aeration). Also included is the purchase and installation of an emergency power generator capable of supporting plant needs. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade to the Rocky Hill WPCF electrical system in order to support schedule adherence per Decree goals.

Future Appropriations

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

Bond Language

The sum of \$4,000,000 is hereby appropriated for improvements to the main electrical system at the Rocky Hill Water Pollution Control Facility, including complete replacement of utility transformers and main electrical switchgear, installation of a new electrical distribution network, new motor control centers and variable frequency drives (except aeration), an emergency power generator, labor costs and associated overhead expenses related thereto, and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Sewer Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0014.03	5803

Description

Project includes the replacement of the District's deteriorating segments of the sewer infrastructure. The project also includes funding for outside services to conduct sewer system investigations using closed captioned television inspections and other methods to support the design and construction of the sewer infrastructure. Project includes staffing.

Purpose

To replace aging equipment and structure.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the replacement or rehabilitation of deteriorating segments of the District's sewer infrastructure, including sewer system investigations using closed captioned television inspections and other methods, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

Authorized Positions

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

2014 Capital Improvement Program

Wastewater

Program – Sewer Replacement - Madison Avenue, Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	SCS.SR0114.02	5113

Description

Design and construction for the replacement of various portions of sanitary sewer on Madison Avenue, Hartford. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

No additional appropriation requests are anticipated.

Bond Language

The sum of \$1,000,000 is hereby appropriated for the replacement of various portions of sanitary sewer in Madison Avenue, Hartford, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Sewer Extension – Marsh Street, Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$400,000	SCS.SR0214.01	5113

Description

Design and construction of a main sewer extension to eliminate the need for Marsh Street Pump Station. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

Future appropriation requests for other projects are anticipated.

Bond Language

The sum of \$400,000 is hereby appropriated for the design and construction of a main sewer extension to eliminate the need for the Marsh Street Pump Station, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Sewer Replacement - Oakwood Avenue, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$4,100,000	WWA.CS1211.02	5113

Description

Replacement of various portions of sanitary sewer on Oakwood Avenue, West Hartford. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging pipelines and structures.

Future Appropriations

No additional appropriation requests are anticipated.

Prior Appropriation

This appropriation is an increase to the 2013 Sewer Replacement –Oakwood Avenue, West Hartford, authorization for \$460,000 (WWA.CS1211.01). Total appropriation for this project will now be \$4,560,000.

Bond Language

The sum of \$4,100,000 is hereby appropriated for the replacement of various portions of sanitary sewer in Oakwood Avenue, West Hartford, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Pump Station Replacement – Stonehedge - Ochialini, Newington

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$575,000	SCS.PS0414.01	5113

Description

Design of the Stonehedge - Ochialini, Newington pump station. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design the Stonehedge-Ochialini, Newington of the pump station.

Future Appropriations

Future appropriation requests for other projects relating to construction are anticipated next year.

Bond Language

The sum of \$575,000 is hereby appropriated for the design of the Stonehedge - Ochialini, Newington pump station, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Various Sewer Pipe Replacement/Rehab – District Wide

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	SCS.SR0014.04	5113

Description

The replacement or rehabilitation of various sanitary sewers District wide that experienced advanced deterioration. The replacement includes pipelines that include various materials, but not limited to Black Styrene Pipe, tile pipe, concrete pipe etc. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the replacement or rehabilitation of various sanitary sewers District wide that experienced advanced deterioration, including black styrene pipe, tile pipe, concrete pipe, to include labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Wastewater Pump Station Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$350,000	SCS.PS0014.01	5113

Description

Improvements to various pump station equipment. Not limited to pumps, grinders, transfer switches. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

The appropriation is needed for improvements to pump stations and equipment.

Future Appropriations

No additional appropriation requests are anticipated at this time.

Bond Language

The sum of \$350,000 is hereby appropriated for improvements to pump station equipment, including pumps, grinders, transfer switches, labor costs and associated overhead expenses related thereto, and for design, construction, or replacement of sanitary sewers, laterals and manholes, in order to remove inflow and/or infiltration and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program - WPC Equipment & Facilities Refurbishment

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,400,000	WPC.EQ0014.01	5113

Description

This project will refurbish and rebuild existing equipment and facilities at all four WPCFs. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To refurbishment and rebuild various equipment.

Future Appropriations

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

Bond Language

The sum of \$1,400,000 is hereby appropriated for the refurbishing and rebuilding of equipment at all four Water Pollution Control Facilities, including labor costs and associated overhead expenses related thereto, and for design, construction, or replacement of sanitary sewers, laterals and manholes, in order to remove inflow and/or infiltration and legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program - WPC Renewal and Replacements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,250,000	WPC.EQ0014.02	5113

Description

This project will design and construct a variety of renewals and replacements at the four WPCFs in order to modernize existing systems. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To modernize existing systems for increased productivity and efficiency.

Future Appropriations

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

Bond Language

The sum of \$2,250,000 is hereby appropriated for a variety of renewal and replacements at the four Water Pollution Control Facilities to modernize existing systems, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – District-Wide Sewer Asset Management Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	SCS.EQ0014.03	5113

Description

Project provides for the development of a District-Wide Sewer Asset Management Program. The District costs may include salary, benefits and overhead.

Purpose

To complete the development of a computerized asset management program to prioritize future District Capital expenditures.

Future Appropriations

Future appropriations requests are anticipated next year.

Bond Language

The sum of \$1,000,000 is hereby appropriated for the development of a computerized District-Wide Sewer Asset Management Program to prioritize future District capital expenditures, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Levee Protection System Improvements, East Hartford and Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,100,000	SCS.OT0014.01	5113

Description

To replace the pipe penetrations through the Levee Protection Systems in Hartford and East Hartford as required by the Army Corp of Engineers. The District costs may include salary, benefits and overhead.

Purpose

To replace the pipe penetrations through the Levee Protection Systems in Hartford and East Hartford.

Future Appropriations

No additional appropriations requests are anticipated next year.

Bond Language

The sum of \$3,100,000 is hereby appropriated to replace the pipe penetrations through the Levee Protection Systems in East Hartford and Hartford as required by the Army Corps of Engineers, including labor costs and associated overhead expenses related thereto, and for design, equipment, construction, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Wastewater

Program – Renewable Energy Projects – Sewer Facilities

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$300,000	SCS.BL0014.01	5113

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$300,000 is hereby appropriated for the design of renewable energy projects to be installed at various sewer facilities to supply year round power at the facilities, including labor costs and associated overhead expenses related thereto, and for design, equipment, construction, legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

The following is a list of the recommended water system programs and projects to be funded through the MDC's 2014 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

Radio Frequency Automated Meter Reading	\$ 5,000,000	
Water Main Replacements – West Hartford	1,500,000	
Transmission Main Replacement - Hamilton St. and Park Terrace, Hartford, Phase II	1,500,000	
Collinsville WTP Emergency Generator Replacement	500,000	
Eastbury Basin Rehabilitation	3,750,000	
General Purpose Water Program	3,500,000	
Goodwin Dam Bridge Rehabilitation & Spillway Channel Improvements	2,800,000	
Transmission Main Extension – Newington	3,500,000	
Water Main Replacement Oakwood Avenue, West Hartford	1,550,000	
Orchard Street Water Pump Station, Glastonbury	3,000,000	
Paving Program	3,000,000	
Phelps Brook Dam and East Dike Rehabilitation Project	3,000,000	
Dam Safety Improvements – Res #1	3,000,000	
Reservoir #1 Dam – Spillway Channel Modification	5,000,000	
Bloomfield Water Treatment Facility Filtered Water Basin Improvements	1,950,000	
Saville Dam Embankment Improvements	2,000,000	
Simsbury Road Water Pump Station, Bloomfield	300,000	
Uplands Way Water Pump Station, Glastonbury	300,000	
Various Transmission Main Design & Construction	2,100,000	
Vexation Tanks 1-4 Improvements, Rocky Hill	3,300,000	
Water Rehabilitation Program	1,000,000	
Water Supply Generators	2,800,000	
Water Treatment Facilities Upgrades	2,300,000	
Wethersfield Water Pump Station, Wethersfield	2,900,000	
Water Main Replacement – Wethersfield	3,000,000	
West Hartford Water Treatment Facility 6 MG Filtered Water Basin Improvements	3,000,000	
District-Wide Water Asset Management Program	250,000	
Water Pump Station Improvements	175,000	
Renewable Energy Projects – Water Facilities	300,000	
Total Water		\$ 66,275,000

2014 Capital Improvement Program

Water

The projects that comprise the above programs are necessary to extend, upgrade and maintain the extensive water infrastructure throughout the District and to enhance the efficiency and effectiveness of facility operations. The following positions are included in the water program:

Authorized Positions

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

2014 Capital Improvement Program

Water

Program – Radio Frequency Automated Meter Reading

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WDS.MT0014.01	2318

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the long term scheduled replacement and standardization program of meters and appurtenances, and for labor costs and associated overhead expenses directly related to the Radio Frequency Automated Meter Program, and for legal, administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Customer Service Maintainer 1	6	7930002
Meter Maintenance Crew Leader	1	
Meter Rebuilding Crew Leader	1	
Senior Clerk	1	
Total	9	

2014 Capital Improvement Program

Water

Program – Water Main Replacements – West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,500,000	WDS.DM1014.01	2113

Description

Design and construction towards the replacement of the existing water mains and appurtenances to include, but not limited to Ballard Drive, West Hartford as a result of the infrastructure exceeding the life expectancy. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To support the design and construction of various water main replacements/rehabilitations district wide.

Future Appropriations

No additional appropriation requests are anticipated next year.

Bond Language

The sum of \$1,500,000 is hereby appropriated for the design and construction of the replacement of the existing water mains in West Hartford, including water mains on Ballard Drive, including design, construction, project administration, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Transmission Main Replacement - Hamilton St. and Park Terrace, Hartford, Phase II

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,500,000	WAT.CS1303.02	2320

Description

Transmission water main replacement for various portions of District's water infrastructure outside of the CWP to assure the serviceability of the delivery system. Replacement of 36-inch transmission main in Hamilton Street, Park Terrace and Brookfield Street. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace a section of the 36-inch transmission water main that has experienced several breaks.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2011 Transmission Main Replacement – Hamilton Street and Park Terrace, Hartford, Phase II authorization for \$3,250,000. Total appropriation for this project will now be \$4,750,000 (WAT.CW1303.01)

Bond Language

The sum of \$1,500,000 is hereby appropriated for transmission main replacement for various portions of the District's infrastructure outside of the Clean Water Program, including replacement of the 36 inch transmission main in Hamilton Street, Park Terrace and Brookfield Street, labor costs and associated overhead expenses related thereto and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Collinsville WTP Emergency Generator Replacement

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$500,000	WTF.EQ3114.01	2113

Description

Upgrade and replacement of the generator system for the Collinsville Water Treatment Plant. Improvements and upgrades include all supporting equipment, appurtenances, electrical service and facilities. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace the generator system for the Collinsville Water Treatment Plant,

Future Appropriations

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

Bond Language

The sum of \$500,000 is hereby appropriated for the upgrade and the replacement of the generator system at the Collinsville Water Treatment Plant, including supporting equipment, appurtenances, electrical service and facilities, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Eastbury Basin Rehabilitation

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,750,000	WDS.TK1214.01	2113

Description

Upgrade and replacement of equipment and structures associated with the Eastbury Basin Facility. Improvements include, but are not limited to the liner system, mixing system, electrical service, supporting structures and site security. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$3,750,000 is hereby appropriated for the upgrade and replacement of equipment and structures associated with the Eastbury Basin Facility, including the liner system, mixing system, electrical service, supporting structures, site security labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – General Purpose Water Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,500,000	WDS.DM0014.01	2113

Description

Design and construction of the replacement of existing water mains and appurtenances in various locations District wide as a result of exceeding the infrastructure life expectancy. The replacement, rehabilitation and or upgrade of District equipment excluding vehicles. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace/rehabilitate certain water mains and appurtenances within the District water distribution system as recommended by the Asset Management Program to assure the serviceability of the delivery system.

Future Appropriations

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

Bond Language

The sum of \$3,500,000 is hereby appropriated for the design and construction of the replacement of existing water mains and appurtenances in various locations District wide, including design, construction, project administration, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Goodwin Dam Bridge Rehabilitation & Spillway Channel Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,800,000	WSH.DA3214.01	2113

Description

Upgrade and replacement of the Goodwin Dam Bridge. The improvements include, but are not limited to replacement of bridge decking, concrete replacement to the substructure and superstructure elements, rebar replacement, drainage improvements, waterproofing, road resurfacing, guiderail replacements, and expansion joint replacement. Work also to include stabilization of rock slopes in spillway channel. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace the Goodwin Dam Bridge and Spillway Channel for public safety and to extend the life of the bridge an additional 30 years.

Future Appropriations

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

Bond Language

The sum of \$2,800,000 is hereby appropriated for the upgrade and replacement of the Goodwin Dam Bridge, including bridge decking, concrete replacement to the substructure and superstructure elements rebar replacement, drainage improvements, waterproofing, road resurfacing, guardrail replacement, expansion joint replacement, stabilization of rock slopes in the spillway channel, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Transmission Main Extension – Newington

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,500,000	WDS.TM0414.01	2113

Description

Transmission main extension for various portions of District's water infrastructure outside of the CWP to assure the serviceability of the delivery system. To include the but not limited to the vicinity of Willard Avenue and Cedar Street, Newington. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To extend the transmission main in Newington resulting in improved capacity, increase pressure for fire flows and a reduction of pressure losses.

Future Appropriations

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

Bond Language

The sum of \$3,500,000 is hereby appropriated for transmission main extension for various portions of the District's infrastructure outside of the Clean Water Program, including the vicinity of Willard Avenue and Cedar Street, Newington, to include labor costs and associated overhead expenses related thereto and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Water Main Replacement Oakwood Avenue, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,550,000	WAT.CW1372.02	2113

Description

Design and construction for replacing the existing water mains and appurtenances in Oakwood Avenue, West Hartford as a result of the infrastructure exceeding the life expectancy. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To support the district wide design and construction of various water main replacements/rehabilitations.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2013 Water Main Replacement Oakwood Avenue, West Hartford, authorization for \$300,000 (WAT.CW1372.01). Total appropriation for this project will now be \$1,850,000. Funds will be transferred from WAT.CW1372.02 to WAT.CW1372.01.

Bond Language

The sum of \$1,550,000 is hereby appropriated for the design and replacement of existing water mains and appurtenances in Oakwood Avenue, West Hartford, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Orchard Street Water Pump Station, Glastonbury

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WDS.PS1214.01	2113

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the upgrade and replacement of all equipment and structures associated with the Orchard Street Water Pump Station, Glastonbury, including building architecture and construction, electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency generator systems, site security, storm water improvements, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Paving Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WDS.DM0014.02	2113

Description

Pavement restoration including soil material disposal and materials from stock. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for pavement restoration, including spoil material disposal, materials from stock, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Phelps Brook Dam and East Dike Rehabilitation Project

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WSH.DA2514.01	2113

Description

Design and construction for the rehabilitation of Phelps Brook Dam and East Dike. Both the Dam and Dike will be raised and Rip Rap with to protect the embankment during major storm events. Construction of walls along the upstream portion of the embankment, guiderails and installing asphalt pavement. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To prevent reservoir water from over topping the dam. This would protect the dam in the event of major flood.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the design and construction of the rehabilitation of the Phelps Brook Dam and East Dike to raise the dam and dike, including rip rap, construction of walls along the upstream portion of the embankment, guardrails, asphalt pavement, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Dam Safety Improvements – Res #1

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WAT.CW1266.02	2340

Description

An increase to the original appropriation is requested for the following, but not limited to, building a new intake structure and pipe through the dam, abandoning exiting pipe and rehabilitating existing buildings in the vicinity of the dam. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To implement consultant's recommendation regarding safety and structural improvements.

Future Appropriations

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

Prior Appropriation

This appropriation is an increase to the 2010 Dam Safety Improvements – Res #1 authorization of \$1,315,000 (WAT.CW1266.01). Total appropriation for this project will now be \$4,315,000. Funds will be transferred from WAT.CW1266.02 to WAT.CW1266.01.

Bond Language

The sum of \$3,000,000 is hereby appropriated for the Dam safety improvements at Reservoir #1 to build a new intake structure and pipe through the dam, abandon the existing pipe and rehabilitate existing buildings in the vicinity of the dam, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Reservoir #1 Dam – Spillway Channel Modification

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	WSH.DA1014.01	2113

Description

Replace and rehabilitate the existing spillway and increase the capacity of the facilities to accommodate the probable maximum flood. The project will include but not limited to safety upgrades to the dam and rehabilitate and/or replace facilities around the dam. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To implement consultant's recommendation regarding safety and structural improvements.

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated to replace and rehabilitate the existing spillway at the Reservoir #1 Dam and increase the capacity of the facilities to accommodate the probable maximum flood, including safety upgrades to the Dam, the replacement and rehabilitation of facilities around the Dam, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Bloomfield Water Treatment Facility Filtered Water Basin Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,950,000	WAT.CW1360.02	2113

Description

Cleaning and inspection of the basin conducted in 2012 has revealed a list of intended improvements. Improvements to the basins include but are not limited to the following; raising manholes, access hatches, vent structures, installation of membrane liners and alarming access points. The DPH Sanitary Survey inspection conducted in 2012 will also require improvements be made to the facility, which is over 40 years old. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve basin operations to ensure that the drinking water facilities continue to provide safe drinking water.

Future Appropriations

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

Prior Appropriations

This appropriation is an increase to the 2013 Bloomfield Water Treatment Facility Filtered Water Basin Improvements authorization of \$3,050,000 (WAT.CW1360.01). Total appropriation for this project will now be \$5,000,000. Funds will be transferred from WAT.CW1360.02 to WAT.CW1360.01.

Bond Language

The sum of \$1,950,000 is hereby appropriated for improvements to the Bloomfield Water Treatment Facility, including raising manholes, access hatches, vent structures, the installation of membrane liners, alarming access points, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Saville Dam Embankment Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,000,000	WSH.BN2814.01	2113

Description

Replace and rehabilitate the existing spillway and increase the capacity of the facilities to accommodate the probable maximum flood. The project will include, but is not limited to, safety upgrades and rehabilitate and/or replace facilities around the dam. Install Rip Rap to protect the embankment during major storm events. Construction of walls along the upstream portion of the embankment, guiderails and installing asphalt pavement. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To protect the dam in the event of major flooding.

Future Appropriations

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

Bond Language

The sum of \$2,000,000 is hereby appropriated for improvements to Saville Dam embankment, including rip rap, construction of walls along the upstream portion of the embankment, guardrails, asphalt pavement, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Simsbury Road Water Pump Station, Bloomfield

Amount
\$300,000

Project #
WDS.PS0514.01

Fund
2113

Description

Design associated with the Simsbury Road Water Pump Station, Bloomfield. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design a replacement for the existing water pumping station.

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$300,000 is hereby appropriated for the design of the Simsbury Road Water Pump Station in Bloomfield, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Uplands Way Water Pump Station, Glastonbury

Amount
\$300,000

Project #
WDS.PS1214.02

Fund
2113

Description

Design associated with the Uplands Way Water Pump Station, Glastonbury. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design a replacement for the existing water pumping station.

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$300,000 is hereby appropriated for the design of the Uplands Way Water Pump Station in Glastonbury, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Various Transmission Main Design & Construction

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,100,000	WDS.TM0014.01	2113

Description

Design and construction of the replacement of various existing transmission water mains and appurtenances throughout the District and non-member towns due to the infrastructure exceeding life expectancy. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To support the design and construction of various water main replacements/rehabilitations district wide and within non-member towns.

Future Appropriations

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

Bond Language

The sum of \$2,100,000 is hereby appropriated for the design and construction of the replacement of the existing transmission water mains and appurtenances throughout the District and non-member towns, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Vexation Tanks 1-4 Improvements, Rocky Hill

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,300,000	WDS.TK0314.01	2113

Description

Design and construction for upgrades and improvements to the Vexation Tank Farm (1-4). Improvements include but are not limited to the following: recoating interior and exterior shells, mixing system, electrical service, supporting structures, control and instrumentation, distribution piping and site security. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace and upgrade the Vexation Tank Farm (1-4).

Future Appropriations

Future appropriation requests for other projects are anticipated next year.

Bond Language

The sum of \$3,300,000 is hereby appropriated for design and construction for upgrades and improvements to Vexation Tanks 1-4 located in Rocky Hill, including recoating exterior and interior shells, mixing system, electrical service, supporting structure, controls and instrumentation, inlet and distribution piping, site security, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Water Rehabilitation Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	WDS.DM0014.03	2340

Description

Project includes the replacement of the District's deteriorating segments of the water infrastructure. The District costs may include salary, benefits and overhead. Project includes staffing.

Purpose

To replace aging equipment and structures.

Future Appropriations

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

Bond Language

The sum of \$1,000,000 is hereby appropriated for the replacement of deteriorating segments of the District's water infrastructure, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

Authorized Positions

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

2014 Capital Improvement Program

Water

Program – Water Supply Generators

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,800,000	WAT.CW1363.02	2113

Description

Design and construction for the upgrade and replacement of generator systems at Barkhamsted headquarters, Goodwin Hydro, West Branch and Nepaug Dams and other facilities in the water supply area. Improvements and upgrades include all supporting equipment, appurtenances and electrical service. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To upgrade and replace generators at Barkhamsted headquarters, Goodwin Hydro, West Branch, Nepaug Dams and other facilities in the water supply area.

Future Appropriations

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

Prior Appropriations

This appropriation is an increase to the 2013 Water Supply Generators authorization of \$350,000 (WAT.CW1363.01). Total appropriation for this project will now be \$3,150,000. Funds will be transferred from WAT.CW1363.02 to WAT.CW1363.01.

Bond Language

The sum of \$2,800,000 is hereby appropriated for design and construction for the upgrade and replacement of generator systems at Barkhamsted headquarters, Goodwin Hydro, West Branch and Nepaug Dams and other facilities in the water supply area, including supporting equipment, appurtenances, electrical service, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Water Treatment Facilities Upgrades

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,300,000	WTF.TP0014.01	2113

Description

The design and construction of improvements and upgrades as well as equipment replacement to West Hartford Water Treatment Facilities (WHWTF), Reservoir #6 – Bloomfield Water Treatment Facilities (R6WTF) and Collinsville Water Treatment Facilities (CWTF) to include but not limited to the following: site and tank construction, replacement of distribution vault, chemical delivery containment areas, service road rehabilitation, automation improvements and other equipment and instrumentation replaces as needed. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To replace aging equipment and infrastructure at WHWTF, R6WTF and CWTF.

Future Appropriations

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

Bond Language

The sum of \$2,300,000 is hereby appropriated for improvements, upgrades and equipment and instrumentation replacement to the West Hartford Water Treatment Facilities, Reservoir #6 – Bloomfield Water Treatment Facilities and Collinsville Water Treatment Facilities, including site and tank construction, replacement of distribution vault, chemical delivery containment areas, service road rehabilitation, automation improvements, equipment, instrumentation, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Wethersfield Water Pump Station, Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,900,000	WDS.PS0214.01	2113

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$2,900,000 is hereby appropriated for the upgrade and replacement of all equipment and structures associated with the Wethersfield Water Pump Station, Wethersfield, including building architecture and construction, electrical, mechanical, structural, instrumentation and controls, electrical service, suction and discharge piping, emergency generator systems, site security, storm water improvements, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Water Main Replacement – Wethersfield

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WDS.DM0114.01	2113

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the design and construction of the replacement of existing water mains and appurtenances in Wethersfield including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – West Hartford Water Treatment Facility 6 MG Filtered Water Basin Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	WTF.BN1014.01	2113

Description

Rehabilitation of the 6 MG filtered water basins is required as these facilities are approaching 90-years in age. Cleaning and inspection was conducted in 2012 and has revealed a list of intended improvements. Improvements to the basins include but are not limited to the following; raising manholes, access hatches, vent structures, installation of membrane liners and alarming access points. The DPH Sanitary Survey inspection conducted in 2012 will also require improvements be made to the facility, which is over 40 years old.

Purpose

To improve basin operations ensuring that the drinking water facilities continue to provide safe drinking water.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for the rehabilitation of the 6 mg filtered water basins at the West Hartford Water Treatment Facility, including raising manholes, access hatches, vent structures, installation of membrane liners alarming access points, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – District-Wide Water Asset Management Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$250,000	WDS.EQ0014.01	2113

Description

Project provides for the development of a District-Wide Water Asset Management Program. The District costs may include salary, benefits and overhead.

Purpose

To complete the development of a computerized asset management program that will assist with prioritization of future District capital expenditures.

Future Appropriations

No additional appropriations requests are anticipated next year.

Bond Language

The sum of \$250,000 is hereby appropriated for the development of a computerized District-Wide Water Asset Management Program to prioritize future District capital expenditures, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Water Pump Station Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$175,000	WDS.PS0014.01	2113

Description

Improvements to pump stations, stand pipes, basins, and storage tanks including associated equipment. Not limited to pumps and transfer switches. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To improve pump stations, stand pipes, basins, and storage tanks including associated equipment.

Future Appropriations

No additional appropriation requests are anticipated at this time.

Bond Language

The sum of \$175,000 is hereby appropriated for improvements to pump stations, stand pipes, basins, storage tanks equipment, including pumps, transfer switches, labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Water

Program – Renewable Energy Projects – Water Facilities

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$300,000	WDS.BL0014.01	2113

Description

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

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$300,000 is hereby appropriated for the design of renewable energy projects to be installed at various water facilities to supply year round power at the facilities, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Combined

The following is a list of the recommended combined capital programs and projects to be funded through the MDC's 2014 Capital Improvement Program budget. These capital programs and projects provide for needed equipment replacement, technology improvements and the development of long-term strategic initiatives. Each is considered to be a separate undertaking in accordance with Section 3-11 of the Charter of the Metropolitan District.

The following positions are included in the combined capital program:

Combined

Facility Roof Replacements	\$ 600,000
Land Improvements	1,000,000
Facilities Improvement Program	3,000,000
Information Systems	5,000,000
Survey & Construction	5,000,000
Engineering Services	3,300,000
Construction Services	3,500,000
Technical Services	2,600,000
Total Combined	\$ 24,000,000

Authorized Positions

<u>Title</u>	<u>Number</u>
Building & Grounds Maintainer	3
Custodian	1
Construction Engineer Support	1
Construction Manager	6
Construction Services Supervisor	3
Design Manager	1
Durational Project Engineer	3
Electrician 2	1
Engineering Technician 2	3
Engineering Technician 3	15
Machinist / Maintenance Mechanic	1
Manager of Constr. & Engineering	1
Manager of Construction Services	2
Plant Maintenance Supervisor	1
Manager of Technical Services	1
Principal Engineer	3
Project Engineer 1	7
Project Engineer 2	6
Project Managers	12
Real Estate Assessment Technician 2	1
Senior Engineer Technician	2
Senior Engineering Drafter	2
Special Services Administrator	1
Survey Chief of Operation	1
Survey Chief of Party	2
Supervisors of Construction Services	3
Total	83

2014 Capital Improvement Program

Combined

Program – Facility Roof Replacements

Amount
\$600,000

Project #
COM.BL0014.01

Fund
5613

Description

Preliminary design to District's roofs approaching the end of expected life. Affected roofs are located at the Water Supply and Water Treatment Facilities, Wastewater Treatment Facilities and at other District Infrastructure buildings. District forces may be utilized for this program. The District costs may include salary, benefits and overhead.

Purpose

To design District roofs approaching the end of expected life.

Future Appropriations

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

Bond Language

The sum of \$600,000 is hereby appropriated for the design of roofs in need of replacement on water supply and water treatment facilities, wastewater treatment facilities and other District buildings, including labor costs and associated overhead expenses related thereto, and for engineering, equipment, legal, administrative and other financing costs related thereto.

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program – Land Improvements

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$1,000,000	COM.LA0014.01	5613

Description

Upgrades and improvements throughout the District to the Right of Ways for raw water, wastewater and treated water.

Purpose

To make upgrades and improvements to the District's Right of Ways.

Future Appropriations

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

Bond Language

The sum of \$1,000,000 is hereby appropriated for upgrades of, and improvements to, the District's right of ways for raw water, wastewater and water, including labor costs and associated overhead expenses related thereto and for legal, administrative and other financing costs related thereto.

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program – Facilities Improvement Program

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$3,000,000	COM.BL0014.02	5651

Description

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

Purpose

To replace and/or upgrade aging equipment and structures.

Future Appropriations

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

Bond Language

The sum of \$3,000,000 is hereby appropriated for staffing related to the replacement and/or upgrade of the District's facilities, including building improvements, site improvements and equipment improvements, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Building & Grounds Maintainer	3	7930004
Electrician 2	1	
Custodian	1	
Machinist / Maint. Mechanic	1	
Plant Maintenance Supervisor	1	
Total	7	

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program - Information Technology

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	COM.EQ0014.01	5613

Description

The project includes but is not limited to the purchase, upgrade and/or replacement of computer related infrastructure and/or software. The District costs may include salary, benefits and overhead. Project may include durational employees.

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for the purchase, upgrade and/or replacement of computer related infrastructure and software, including labor costs and associated overhead expenses related thereto, and for equipment, legal, administrative and other financing costs related thereto.

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program - Survey & Construction

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$5,000,000	COM.OT0014.01	5802

Description

Staffing costs

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$5,000,000 is hereby appropriated for survey and construction inspection of all water and sewer projects with the District's service area, including labor costs and associated overhead expenses for projects installed under District contract and developer permit agreement, and for legal administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Engineering Technician 2	3	7930005
Engineering Technician 3	15	
Manager of Construction Services	1	
Supervisor of Construction Services	3	
Construction Engineer Support	1	
Senior Engineer Technician	2	
Survey Chief of Operation	1	
Construction Services Supervisor	3	
Survey Chief of Party	<u>2</u>	
Total	31	

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program - Engineering Services

Amount
\$3,300,000

Project #
COM.OT0014.02

Fund
5802

Description

Staffing costs

Purpose

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

Future Appropriations

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

Bond Language

The sum of \$3,300,000 is hereby appropriated for engineering staffing services related to 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 labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Design Manager	1	7930006
Durational Project Engineer	1	
Construction Manager	1	
Principal Engineer	1	
Project Managers	9	
Project Engineer 1	1	
Real Estate Assessment Technician 2	1	
Total	15	

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program - Construction Services

Amount
\$3,500,000

Project #
COM.OT0014.03

Fund
5802

Description

Staffing costs

Purpose

The Construction Services department holds responsibility for the management of all of the District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants.

Future Appropriations

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

Bond Language

The sum of \$3,500,000 is hereby appropriated for construction management staffing services related to the District's capital improvement projects including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants, and for legal, administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Manager of Constr. & Engineering	1	7930007
Manager of Construction Services	1	
Construction Manager	5	
Principal Engineer	1	
Project Engineer 1	5	
Project Engineer 2	4	
Total	17	

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Combined

Program - Technical Services

Amount
\$2,600,000

Project #
COM.OT0014.04

Fund
5802

Description

Staffing costs

Purpose

The Technical Services department holds responsibility for providing technical support to all of the District's capital improvement projects and clean water project including improvements to and expansion of the District's water distribution and sewer collection systems and related work on water and sewage treatment plants.

Future Appropriations

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

Bond Language

The sum of \$2,600,000 is hereby appropriated for technical staffing support for 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, including labor costs and associated overhead expenses related thereto, and for legal, administrative and other financing costs related thereto.

Authorized Positions

<u>Title</u>	<u>Number</u>	<u>Cost Center</u>
Manager of Technical Services	1	7930008
Durational Project Engineer	2	
Project Engineer 2	2	
Senior Engineering Drafter	2	
Principal Engineer	1	
Project Engineer 1	1	
Project Manager	3	
Special Services Administrator	1	
Total	13	

Funding Allocation

Sewer 49%
Water 51%

2014 Capital Improvement Program

Debt Management

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

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

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

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

As of December 31, 2014, the borrowing capacity for general fund financed projects is estimated to be \$1,208,008,321. The forecasted debt subject to limitation is estimated to be \$ 587,681,341 and the remaining ability if the forecasted debt is borrowed would be \$620,326,980.

The total principal amount of bonds authorized and unissued at December 31, 2014, including the bonds authorized for the 2014 Capital Improvement Program, is estimated at \$1,841,312,224 for sewer and water projects. Bonds authorized for the supply of water are excluded from the debt limitation. The amount of non-water bonds authorized and unissued for general fund financed projects, as of December 31, 2014, and subject to the debt limitation, is estimated to be \$1,453,975,773. This amount is \$245,967,452 more than the estimated amount available under the debt limitation of \$1,208,008,321. Management established a Revenue Bond program on June 1, 2013 for the Clean Water Project. Management will be able to exclude the Revenue Bonds issued for the authorized \$1.6 billion CWP from the debt limitation calculation. The source of revenue to pay for the revenue bond program will be revenue received through the Special Sewer Service Surcharge. The revised amount of non-water bonds authorized and unissued for general fund finance projects subject to the debt limitation is estimated to be \$170,308,609 which leaves The District with an excess amount of \$1,037,699,712 available for other future debt.

To avoid exceeding the debt limitation, the District will take certain steps to exclude a certain principal amount of non-water bonds for general fund financed projects from the debt limitation. These steps include the issuance of a portion of the Clean Water Project Bonds to be secured and paid from the Special Sewer Service Charge which has been levied beginning in 2008 and borrowing from the State's Clean Water Fund on a special obligation basis to be secured and paid from the Special Sewer Service Charge, as opposed to borrowing on a general obligation basis.

2014 Capital Improvement Program

Debt Management

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

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

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

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

Water Programs/Projects – Under the Drinking Water State Revolving Fund, a project may receive a 100% loan at a rate which is approximately 50% of the market rates for interest. Depending on the subsidization monies available at the Federal EPA level in conjunction with merits of the project, the DPH may also award subsidized funding.

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

Special Sewer Service Charge

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

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

The special sewer service charge effective January 1, 2014 is \$2.90 per CCF of water consumed by District customers who utilize both the District water and sewer systems

2014 Capital Improvement Program

Funding

The 2014 plan for financing new and previously authorized Capital Improvement Programs is consistent with maintaining level debt service proportionate to the overall water and sewer expenditure budget.

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

2014 Clean Water Project

Referendum 1

Program – Clean Water Project – Referendum 1

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

Description

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

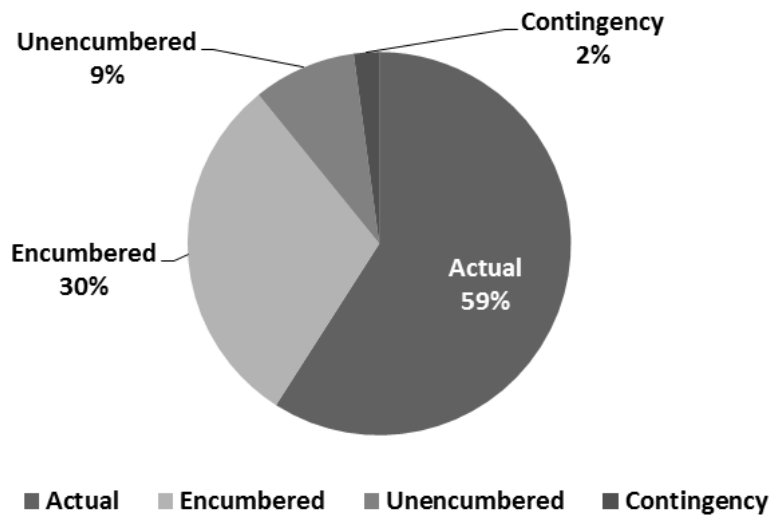
Purpose

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

Referendum 1

Actual	\$ 472,432,687.89
Encumbered	240,853,101.58
Unencumbered	69,590,107.15
Contingency	17,124,103.38
	<u>\$ 800,000,000.00</u>

Referendum 1



2014 Clean Water Project

Referendum 1

Ongoing Projects

Project Name	Project ID	Current Budget	Actual	Encumbered	Remaining Budget
CW1.SSOWTH.02	2012 Weth. Lining Pt	\$ 1,000.00	\$ 275.00	\$ 725.00	\$ -
CW1.CONHOM.00	2007 CWP Homestead	31,723,234.50	31,041,150.93	682,083.56	0.01
CW1.FSSFAR.04	Farmington Proj #4	829,399.98	658,004.15	171,395.83	-
CW1.FSSFAR.06	Farmington Proj #6	8,588,438.12	3,799,638.69	3,985,694.41	803,105.02
CW1.FSSFAR.1A	Farm Ave 1A Sew Sep	185,940.04	146,013.41	13,990.80	25,935.83
CW1.FSSFAR.71	Farmington Proj #7.1	3,019,913.18	2,534,689.79	474,660.00	10,563.39
CW1.FSSFAR.72	Farmington Proj #7.2	3,903,648.20	3,404,233.96	499,414.24	-
CW1.MGMGEO.30	Geotechnical Service	4,028,504.92	2,044,858.63	1,937,699.35	45,946.94
CW1.MGMPMC.10	2010 CWP PMC	5,433,592.21	5,414,789.79	18,802.42	-
CW1.MGMPMC.13	2013 CWP PMC	10,152,116.37	5,076,660.91	2,894,302.99	2,181,152.47
CW1.MGMPMU.13	2013 CWP PMU	10,000,000.00	6,220,084.35	219,375.65	3,560,540.00
CW1.NSSGRA.01	Granby Str Outfall 1	8,690,000.00	343,299.85	17,637.35	8,329,062.80
CW1.NSSGRA.02	Granby St Proj 2 & 5	35,126,140.00	22,342,136.20	10,698,246.73	2,085,757.07
CW1.NSSGRA.03	Granby Project #3 NE	1,087,134.87	759,152.57	327,982.30	-
CW1.NSSTOW.02	Tower Ave Area South	13,361,920.03	7,730,288.46	4,125,717.10	1,505,914.47
CW1.NSSTOW.1A	2011 Tower Ave Bldg	4,668,558.05	4,415,290.18	252,844.49	423.38
CW1.NSSUAL.01	2007 CWP Albany Ave	27,201,919.84	9,072,278.95	13,952,904.15	4,176,736.74
CW1.NSSUAL.02	Upper Albany #2	1,370,500.00	1,189,367.10	121,432.29	59,700.61
CW1.NSSUAL.03	Upper Albany Proj #3	960,015.80	770,765.60	147,335.72	41,914.48
CW1.NSSUAL.07	Route 44 Storm Drain	990,218.00	898,400.75	55,924.93	35,892.32
CW1.NSSUAL.E3	Burton St. Sew Sep	10,078,000.00	8,450,106.86	1,601,567.03	26,326.11
CW1.SSOGEN.11	SSO Pilot Study	3,765,255.58	3,270,561.85	30,392.99	464,300.74
CW1.SSOGEN.13	2013 SSO Elimination	1,000,000.00	12,639.25	986,405.12	955.63
CW1.SSONWT.01	2012 SSO-Newington	3,373,716.95	2,070,398.94	734,814.69	568,503.32
CW1.SSONWT.02	2012 Newington Lining	6,139,498.00	755,921.90	4,405,065.34	978,510.76
CW1.SSONWT.06	2012 Newington Church	4,937,793.16	1,572,562.83	3,346,569.80	18,660.53
CW1.SSONWT.07	2012 Cedar Newington	407,000.00	294,261.95	32,696.42	80,041.63
CW1.SSORKH.07	2012 RH Interceptor	206,525.00	174,117.39	32,407.61	-
CW1.SSOWHA.01	2012 W. Hartford PR	3,297,456.54	1,228,610.16	1,759,985.76	308,860.62
CW1.SSOWHA.02	2012 SSO Pilot E- WH	2,939,258.00	1,843,179.58	694,561.93	401,516.49
CW1.SSOWHA.04	2012 Four Mile Rd	3,089,091.00	1,413,490.74	762,338.37	913,261.89
CW1.SSOWHA.07	2012 WH SSES	1,537,500.00	290,594.89	1,123,002.61	123,902.50
CW1.SSOWND.01	2012 SSO-Windsor	3,933,825.00	2,366,771.83	1,483,239.45	83,813.72
CW1.SSOWND.02	2012 SSO-WI SSES	269,800.00	37,466.76	151,232.34	81,100.90
CW1.SSOWTH.01	2011 SSO-Wethersfield	5,438,473.00	4,090,983.06	1,095,984.38	251,505.56
CW1.SSOWTH.03	2012 SSO Pilot D-Weth	3,222,630.00	797,156.29	2,048,757.38	376,716.33
CW1.SSOWTH.04	2012 Folly Brook Rehab	381,075.00	234,800.82	19,923.00	126,351.18
CW1.SSOWTH.07	2012 SSO Exe Sq PS	356,553.00	118,811.57	72,201.43	165,540.00
CW1.SSOWTH.08	2012 FOLLY BROOK	1,680,000.00	766,735.22	851,471.26	61,793.52
CW1.SSSFRA.01	Franklin Proj #1- B	1,564,067.56	1,496,150.82	65,016.44	2,900.30
CW1.SSSFRA.02	Franklin Ave #7-Pkg A	203,500.00	75,512.19	119,012.04	8,975.77
CW1.SSSFRA.04	Franklin Proj #4 - D	2,176,068.18	2,131,293.04	37,656.05	7,119.09
CW1.SSSFRA.11	Franklin Ave #11-Pk A	673,500.00	319,978.07	348,555.37	4,966.56
CW1.SSSFRA.12	Franklin Proj #12 -D	1,861,187.80	1,556,006.57	257,566.77	47,614.46
CW1.SSSFRA.13	Franklin Proj #13-B	42,553,292.47	11,993,226.40	28,032,581.56	2,527,484.51
CW1.SSSFRA.15	Airport Rd PS F.M.	5,462,611.38	4,584,547.57	684,592.11	193,471.70
CW1.SSSFRA.16	2012 Building Dis 1	886,000.00	438,687.30	375,977.70	71,335.00

2014 Clean Water Project

Referendum 1

Ongoing Projects cont.

Project Name	Project ID	Current Budget	Actual	Encumbered	Remaining Budget
CW1.SSSFRA.17	2012 Building Dis 2	684,000.00	388,679.35	241,990.65	53,330.00
CW1.SSSFRA.18	2012 Building Dis 3	650,000.00	136,745.00	208,455.00	304,800.00
CW1.SSSFRA.1A	Franklin Ave-House D	1,177,000.00	774,408.80	274,370.80	128,220.40
CW1.SSSFRA.4D	Franklin Proj #5-D	29,156,286.84	14,228,668.93	12,447,211.68	2,480,406.23
CW1.SSSPAR.01	Park River Proj #1	1,326,000.00	557,538.48	691,476.52	76,985.00
CW1.SSSPAR.03	Park River #3	1,077,897.52	904,041.42	144,224.22	29,631.88
CW1.SSSPAR.07	Retreat Avenue	8,828,305.92	2,472,010.02	5,820,017.29	536,278.61
CW1.SSSPAR.11	2013 Green Infrastructure	466,500.00	62,053.72	346,680.20	57,766.08
CW1.TUNSTH.00	South CSO Convey Tunnel	35,614,076.75	8,676,575.12	25,816,101.07	1,121,400.56
CW1.WTFHAR.01	HWPCF Master Plan	10,000,000.00	9,695,155.31	183,220.00	121,624.69
CW1.WTFHAR.08	Incinerator #3 Rehab	43,017,000.00	42,789,543.85	218,217.21	9,238.94
CW1.WTFHAR.13	Aeration Settle Tank	39,751,000.00	39,455,908.39	130,763.66	164,327.95
CW1.WTFHAR.14	ASH HAND & MERCURY	12,500,000.00	718,801.93	136,909.01	11,644,289.06
CW1.WTFHAR.16	BNR Phase II Upgrade	36,318,397.00	32,029,684.84	2,832,139.61	1,456,572.55
CW1.WTFHAR.17	2011 Solids Handling	767,827.21	607,949.38	159,877.83	-
CW1.WTFHAR.18	2011 Wet Weather Expan	60,970,742.00	20,873,063.77	23,311,854.57	16,785,823.66
CW1.WTFHAR.20	2013 WWEP #2012-20	80,000,000.00	914.81	76,137,848.00	3,861,237.19
		\$ 645,060,904.97	\$ 334,617,696.24	\$ 240,853,101.58	\$ 69,590,107.15
CW1.000000.00	Referendum 1 Contingency	17,124,103.38			
	Completed Projects	137,814,991.65			
	Referendum 1	\$ 800,000,000.00			

2014 Clean Water Project

Referendum 1

Completed Projects

Project Name	Project ID	Current Budget	Actual	Encumbered	Remaining Budget
CW1.CONSB.R.00	South Branch CSO Con	\$ 450,579.73	\$ 450,579.73	\$ -	\$ -
CW1.FSSFAR.PD	Farmington Ave PD	640,900.68	640,900.68	-	-
CW1.MGMPMC.07	Clsd2007 CWP PMC	788,016.54	788,016.54	-	-
CW1.MGMPMC.08	Clsd08 CWP PMC	3,981,562.16	3,981,562.16	-	-
CW1.MGMPMC.09	2009 CWP PMC	4,539,195.90	4,539,195.90	-	-
CW1.MGMPMC.11	2011 CWP PMC	8,157,922.51	8,157,922.51	-	-
CW1.MGMPMC.12	2012 CWP PMC	6,719,698.60	6,719,698.60	-	-
CW1.MGMPMU.07	2007 CWP PMU	3,255,730.36	3,255,730.36	-	-
CW1.MGMPMU.08	2008 CWP PMU	3,403,759.44	3,403,759.44	-	-
CW1.MGMPMU.09	2009 CWP PMU	5,874,757.78	5,874,757.78	-	-
CW1.MGMPMU.10	2010 CWP PMU	10,922,243.51	10,922,243.51	-	-
CW1.MGMPMU.11	2011 CWP PMU	11,588,776.35	11,588,776.35	-	-
CW1.MGMPMU.12	2012 CWP PMU	6,894,906.59	6,894,906.59	-	-
CW1.NSSTOW.01	2007 CWP Tower Ave	7,863,944.77	7,863,944.77	-	-
CW1.NSSTOW.FD	Tower Ave Area #1 Des	157,819.00	157,819.00	-	-
CW1.NSSTOW.PD	Tower Ave Sep PD	106,658.86	106,658.86	-	-
CW1.NSSUAL.08	Garden Street Htfd	6,784,724.47	6,784,724.47	-	-
CW1.NSSUAL.ES	Upper Albany Edgewood	3,494,428.99	3,494,428.99	-	-
CW1.NSSUAL.PD	Upper Albany Sep PD	680,471.26	680,471.26	-	-
CW1.SSOGEN.07	2007 CW SSO Gen Rep	13,583,866.10	13,583,866.10	-	-
CW1.SSOGEN.08	2008 Clean Water SSO	7,690,639.29	7,690,639.29	-	-
CW1.SSSFRA.PD	Franklin Ave Area PD	2,032,822.44	2,032,822.44	-	-
CW1.SSSPAR.06	Green Capital Project	983,689.36	983,689.36	-	-
CW1.SSSPAR.PD	Park River Sep PD	683,914.79	683,914.79	-	-
CW1.WTFHAR.10	HWPCF SCADA	854,591.82	854,591.82	-	-
CW1.WTFHAR.11	UV Disinfection Proj	19,105,159.61	19,105,159.61	-	-
CW1.WTFHAR.12	Demo Compost Bldg	1,112,844.65	1,112,844.65	-	-
CW1.WTFHAR.E1	Clsd07 CWP HWPCF PHI	5,200,006.71	5,200,006.71	-	-
CW1.WTFRKH.03	Rocky Hill Master Plan	261,359.38	261,359.38	-	-
		\$ 137,814,991.65	\$ 137,814,991.65	\$ -	\$ -

2014 Clean Water Project

Referendum 2

Program – Clean Water Project – Referendum 2

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

Description

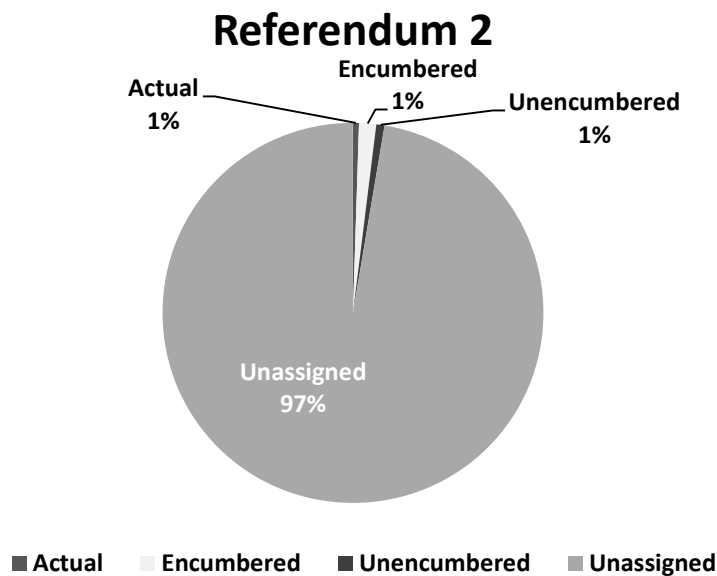
The 2012 Clean Water Project Referendum Fund accounts for financial resources to be used for the second phase of the Clean Water Project, which was authorized on November 6, 2012.

Purpose

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

Referendum 2

Actual	\$ 4,038,236.25
Encumbered	11,644,361.84
Unencumbered	5,557,401.91
Unassigned	778,760,000.00
	<u><u>\$ 800,000,000.00</u></u>



2014 Clean Water Project

Referendum 2

Ongoing Projects

Project ID	Project Name	Current Budget	Actual	Encumbered	Remaining Budget
CW2.MGMCWP.13	CW2.MGMCWP.13	\$ 2,000,000.00	\$ 444,103.26	\$ 118,584.28	\$ 1,437,312.46
CW2.WTFHAR.24	2013 231 BRAINARD RD	13,000,000.00	2,378,705.54	7,326,054.94	3,295,239.52
CW2.WTFRKH.04	2013 RHWPCF Cap & Up	6,240,000.00	1,215,427.45	4,199,722.62	824,849.93
		\$ 21,240,000.00	\$ 4,038,236.25	\$ 11,644,361.84	\$ 5,557,401.91
CW2.000000.00	Unassigned	778,760,000.00			
	Referendum 2	\$ 800,000,000.00			

2014 Capital Improvement Program

Supplement

The following to project was increased by the District Board, June 3, 2013.

Program – CWP Water Main Rehabilitation – Fennway Street, West Hartford

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$593,000	WAT.CW1328.01	2320

Description

Design and rehabilitation of the existing water main in Fennway Street as a result of exceeding the infrastructure life expectancy. This project is associated with the Farmington 7.2 project in the CWP.

Prior Appropriations

This appropriation is an increase to the 2011 Fennway Street, West Hartford authorization of \$370,000 (WAT.CW1328.01). Total appropriation for this project will now be \$593,000.

Project to be completed in conjunction with the Clean Water Project

Resolved

The sum of \$593,000 is hereby appropriated for the design and construction of the water main replacement in Fennway Street, West Hartford, in conjunction with the District's Clean Water Project, and for legal, administrative and other financing costs related thereto.

2014 Capital Improvement Program

Supplement

The following project was approved and funded by the District Board, June 3, 2013.

Program – CWP Water Main Replacement - Franklin 13

<u>Amount</u>	<u>Project #</u>	<u>Fund</u>
\$2,100,000	WAT.CW1279.10	2320

Description

Design and rehabilitation of existing water mains and appurtenances in various locations within the CWP pertaining to the Franklin Avenue area.

Resolved

The sum of \$2,100,000 is hereby appropriated for the design and construction of water main replacement for Franklin # 13 Project in the vicinity of Franklin Avenue, Hartford, Included are legal, administrative and other financing costs related thereto.

Administration

- Administrative Services C20-C21
- Chief Administrative Office C42-C43
- Customer Service C116-C117
- Deputy CEO (Business Services) C31-C70
- Deputy CEO (Eng/Ops) C78-C79
- District Board C6-C7
- Environment, Health & Safety C105-C106
- Engineering & Planning C87-C88
- Executive Office C13-C14
- Finance C59-C60
- Human Resources C36-C37
- Information Technology C49-C50
- Laboratory Services C143-C144
- Legal C27-C28
- Maintenance C174-C175
- Operating Office C78-C79
- Operations C127-C128
- Patrol C224-C225
- Riverfront Park Systems C300-C301
- Water Pollution Control C154-C155
- Water Supply C211-C212
- Water Treatment C191-C192

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- Budget Commentary C293

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- Facility Renovations C254-C255
- Headquarters Building C238-C239
- Information Technology C244-C245
- Long Term Strategies C248-C249
- Maxim Road Facility C242-C243
- Note & Issuance Cost C256-C257
- Pump Station C246-C247
- RFD/Bar Coding C258-C259
- Survey & Inspection C260-C261
- Vehicle & Equipment Replacement C262-C263
- Vehicle Maintenance Facility C240-C241

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Deputy CEO (Eng/Op)

- Organization Chart C72

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- Other Employee Benefits C270-C271
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