

FY 2017-2018
ANNUAL
OPERATING BUDGET

*With 2018-2022
Capital Investment Plans*

CITY OF DOVER, DELAWARE

FY 2017–2018 BUDGET

WITH 2018–2022 CAPITAL INVESTMENT PLANS

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INTRODUCTION

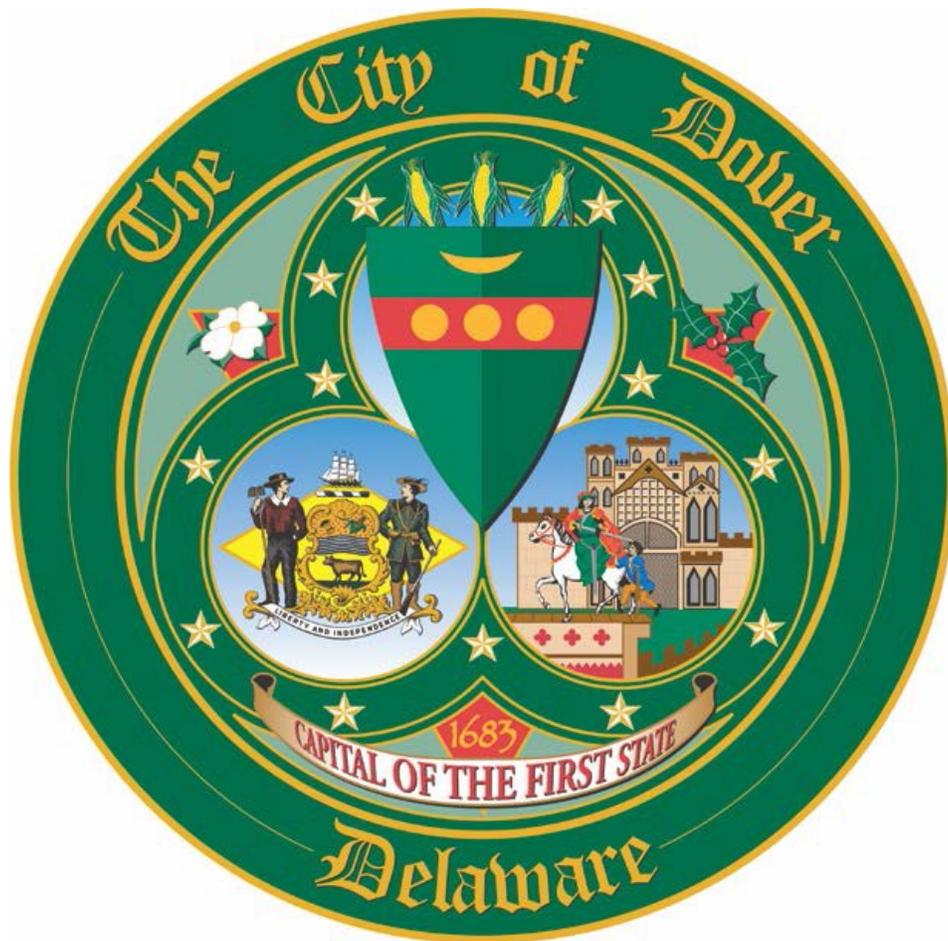


CITY MANAGER'S LETTER

CITY OF DOVER VISION

CITY ORGANIZATIONAL CHART

ANNUAL OPERATING BUDGET
FOR FISCAL YEAR
JULY 1, 2017—JUNE 30, 2018



“Community Excellence Through Quality Service”



July 20, 2017

Citizens of Dover
City of Dover
Dover, DE 19901

RE: Fiscal Year 2017-2018 Final Annual Operating Budget & Capital Investment Plans

Dear Citizens of Dover:

Presented hereafter is the Fiscal Year 2017-2018 City of Dover Annual Operating Budget & Capital Investment Plans as approved by City Council on June 26, 2017. The budget is balanced as required by City and State Code and complies with all financial policies. This document reflects our continued commitment to providing cost-effective, efficient, basic municipal services for our citizens, visitors and business community.

The approved budget maintains the current property tax rate of \$0.4050 per \$100 of assessed value. There are recommended Trash and Extra Duty Fee increases to cover the increased cost of providing these services. There are no rate or fee changes related to the Water/Sewer Fund. Electric rates remained the same; however, a power cost adjustment **credit** of \$0.00855 was adopted resulting in a net decrease in total power costs to customers.

The final FY-2018 budget includes pay increases in accordance with all four (4) collective bargaining agreements. Base pay increases for the non-bargaining employees within the city's workforce are also included. The total number of full-time personnel has been increased from 354 to 358 positions, an increase of four (4) positions from the FY-2017 authorization. In addition, the final budget decreased the number of part-time personnel from 96 to 92, a net decrease of four (4) positions over the FY-2017 authorization. The total personnel budget across all funds will be approximately \$36.456 million dollars; this represents an increase of 2.1% over the FY-2017 budget of \$35.698 million dollars. The City's capital budget has also been thoroughly reviewed and refined throughout the budgetary process.

The final budget estimates total expenditures for operations and capital investments of \$143.3 million city-wide (excluding intrafund transfers and current year balances). The FY-2018 financial program represents an increase of 3.6% over the original FY-2017 financial program (\$138.3).

3-Year Budget Overview

TOTAL ANNUAL BUDGET PROGRAM			
	Fiscal Year 2015-2016	Fiscal Year 2016-2017	Fiscal Year 2017-2018
Operating Budget	\$124,464,900	\$125,349,200	\$125,827,700
Percent Change	3.1%	0.7%	0.3%
Capital Investments	\$12,768,300	\$12,905,100	\$12,224,200
Percent Change	-17.7%	1.1%	-5.3%
Total Financial Program	\$137,233,200	\$138,254,300	\$138,051,900
Percent Change	0.7%	0.7%	-0.2%

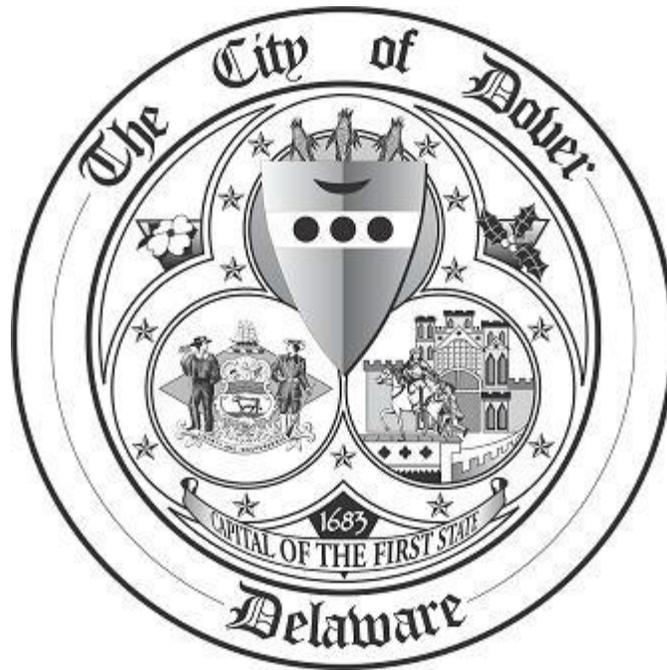
The final completion of this budget was the direct result of many hours of efforts from staff. Special thanks are extended to the members of the "Budget Team". In addition, the Finance Department staff contributed many hours of dedication for the preparation of presentations of all financial information and budget alternatives. Our Department Heads also deserve credit for managerial oversight during challenging times.

Our City Council deserves acknowledgement for the considerable hours they dedicated to reviewing and scrutinizing the overall budget program. Trying to balance the needs of the citizens of Dover with the financial resources available is not an easy task. Lastly, my sincere appreciation and a warm thank you is extended to all of the dedicated city employees who work together every day to meet those needs.

Respectfully Submitted,



Donna S. Mitchell, CPA
(not in public practice)
Acting City Manager
dmitchell@dover.de.us
(302) 736-7005

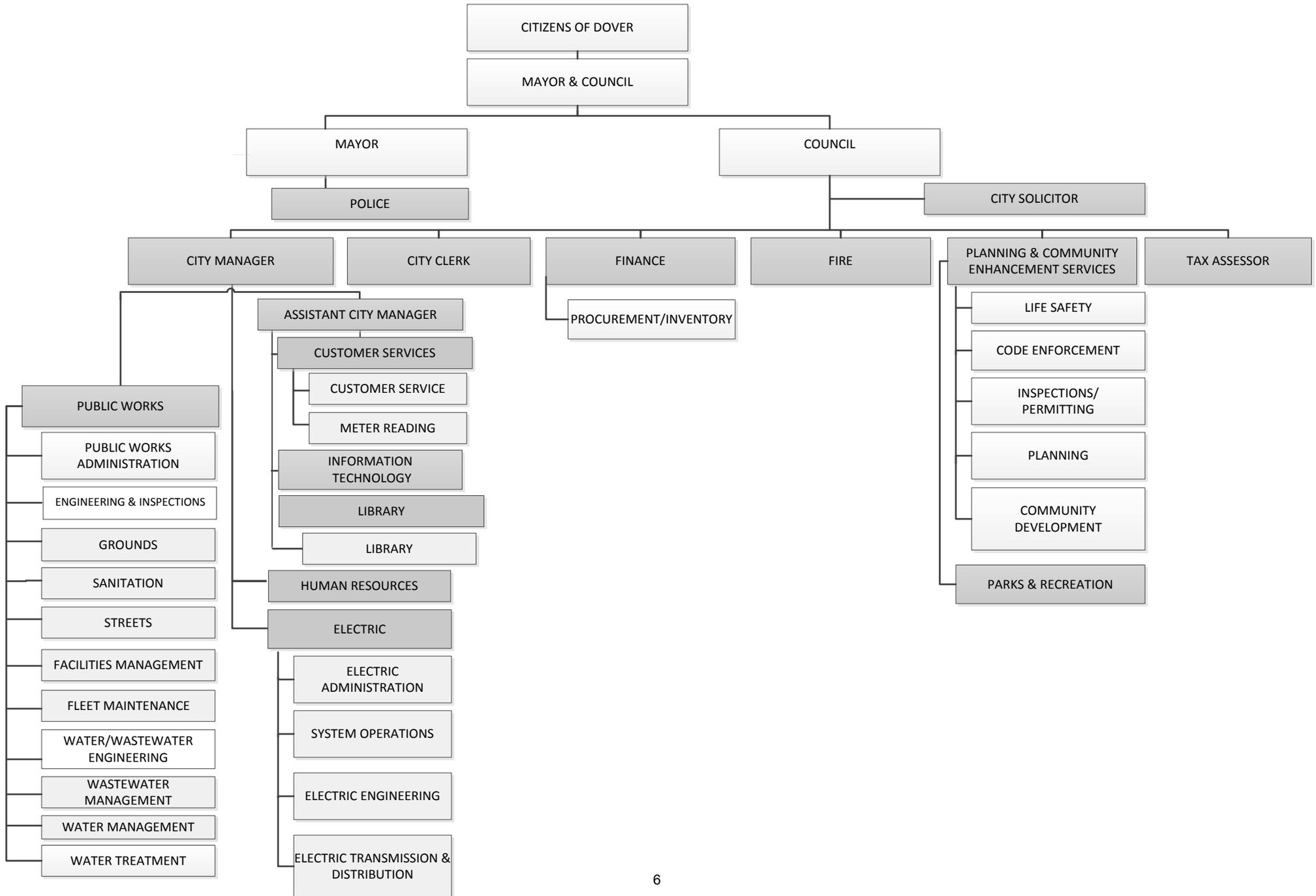


VISION

The City of Dover is a place where people want to live! Through the team effort of its elected officials, employees, and citizens, Dover is a clean and safe community, with a future of balanced growth and opportunity where all citizens are heard, enjoy a high quality of life, and diversity is valued.

FY 2018 ANNUAL OPERATING BUDGET – DOVER, DELAWARE

CITY OF DOVER
FISCAL YEAR 2018 ORGANIZATION CHART



FUND SUMMARIES AND RESERVE ACCOUNTS



ALL FUNDS SUMMARY

GENERAL FUND

WATER/WASTEWATER FUND

ELECTRIC FUND

CHARTER ARTICLE IV SEC44 &
FINANCIAL POLICIES



City of Dover Fiscal Year 2018 Approved Budget

Highlights of Overall Budget

May 2017

General Fund

Public Safety, General & Community Services

Police * Fire * Life Safety * Code Enforcement
Planning * Public Inspections * Library * Recreation
Streets * Sanitation * Tax Assessor

Support Services for all City Operations

Mayor * City Council * City Clerk * City Manager
Finance * Customer Service * Human Resources
Information Technology * Procurement & Inventory
Public Works Administration * Grounds
Facilities Management * Fleet Maintenance

Water/Wastewater Utility

Engineering & Inspection

Water Distribution & Well Maintenance

Wastewater Distribution & Pump Station Maintenance

Water Treatment Plant

Capital Project Management

Electric Utility

Administration

Engineering & Inspection

Transmission & Distribution Maintenance

System Operations

Metering

Capital Project Management

Policy Compliance

- Revenue Policy
 - #7 – The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.
- Expenditure Policy
 - #2 – The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures. The Beginning Budget Balance will not be considered a revenue source.
- Budget Balance Policy – General Fund
 - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. (8.33% = 1 month, 12% = 45 days)
- Budget Balance Policy – Water & Wastewater Fund
 - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% of the current year operating revenues for the Water/Wastewater, excluding the carry forward balance. (17% = 2 months)
- Budget Balance Policy – Electric Fund
 - #1 – The City will strive to maintain a minimum Budget Balance, of at least 12% of the current year operating revenues for the Electric Fund, excluding the carry forward balance.

Policy Compliance (continued)

	General Fund	Water Utility	Wastewater Utility	Water/Wastewater Fund	Electric Fund *
Revenues	\$42,931,000	\$6,573,200	\$8,865,800	\$15,439,000	\$81,874,200
Expenses	(42,861,000)	(6,328,500)	(8,789,900)	(15,118,400)	(80,983,600)
Surplus/(Deficit)	\$70,000	\$244,700	\$75,900	\$320,600	\$890,600
Ending Budget Balance	\$4,667,100	\$1,575,600	\$1,242,700	\$2,818,300	\$9,804,100
% of Revenue	10.9%	24.0%	14.0%	18.3%	12.0%
Beginning Budget Balance	\$4,597,100	\$1,330,900	\$1,166,800	\$2,497,700	\$20,290,200
Less PCA Credit					(6,176,700)
Less Transfer to RSR					(5,200,000)
Adjusted Budget Balance					\$8,913,500

Revenue Policy #7	✓	✓	✓	✓	✓
Budget Balance Policy #1	✓	✓	✓	✓	✓
Expenditure Policy #3	✓	✓	✓	✓	✓

* The Electric Fund Revenues do not include the distribution of prior year's earnings \$6.2 million from the FY17 Beginning Budget Balance as rebated through a Power Cost Adjustment (PCA) credit; nor does it reflect \$5.2 million of FY17 projected savings that are recommended to be transferred to the Rate Stabilization Reserve until such time the Rate Design analysis is completed.

City Revenue – Rates & Fees

- General Fund
 - ✓ Sanitation rate increase recommended from \$17 to \$21 a 23.5 % increase to cover cost of service
 - ✓ Extra Duty Rate increases to cover cost of service
 - ✓ Development of a Public Safety Fee for mid-year consideration
- Water/Wastewater Fund
 - ✓ No proposed changes
- Electric Fund
 - ✓ Distribution of FY16 Excess Earnings to rate payers will be processed as a Power Cost Adjustment Credit - \$.00855 or 5.5%

All Major Operating Funds

Personnel

- Pay increases in accordance with collective bargaining agreements
- Total Headcount
 - Increased 4 full-time positions: 1 Budget Analyst & 3 Customer Service positions.
 - Reduced 5 part-time positions: 1 IT position, 2 Customer Service positions, 4 City Manager positions offset by an increase for 2 Library positions.
- Personnel Cost Increases – \$758,200 over the original FY17 budget
 - Salary and wages increased \$240,000
 - Employer’s benefit cost increased \$545,200 as follows
 - FICA \$18,200
 - Health Care Premiums (\$12,400) (includes Life, Indemnity & Disability premiums)
 - Worker’s Compensation \$56,100 (Last year of 3 year phase in of higher rates)
 - Pension (\$158,600) Other Post Employment Benefits (retirement medical) \$641,900
- Aggregates all vacation sell-back and education assistance in Other Employment Expenses
- Retirement payouts are recommended to be absorbed by attrition and new hires on hold until such time the budget will cover the position. Exceptions will be reviewed by the City Manager, Controller/Treasurer and Department Head.
- Cadet program does not have the grant funding to continue the program for all six cadets, funding was secured for one 19 hour position at \$13,500. The additional five positions of \$67,500 (plus uniforms, etc.) will be funded by the General Fund for FY18.

Personnel Continued

- Discussion and potential action items
 - Non-Bargaining pay increases
 - Based on the CPI a 2% pay increase is recommended for Non-Bargaining employees; The total wages and benefits equates to approximately \$88,400 across all Funds.
 - Vacation Sell-Back
 - The City has had a long standing personnel policy that permits employees to sell back up to 80 vacation hours in the month of November based on years of service.
 - In FY17 the cost of this benefit was \$303,800 with load
 - 40 hours or less was \$77,400
 - Over 40 hours up to 80 hours was \$226,400
 - Discontinuance of this benefit requires inclusion in the collective bargaining negotiations and Council action for non-bargaining employees.
 - Non-bargaining employee cost of this benefit was \$56,300 in FY17 across all Funds.

General Fund Revenues

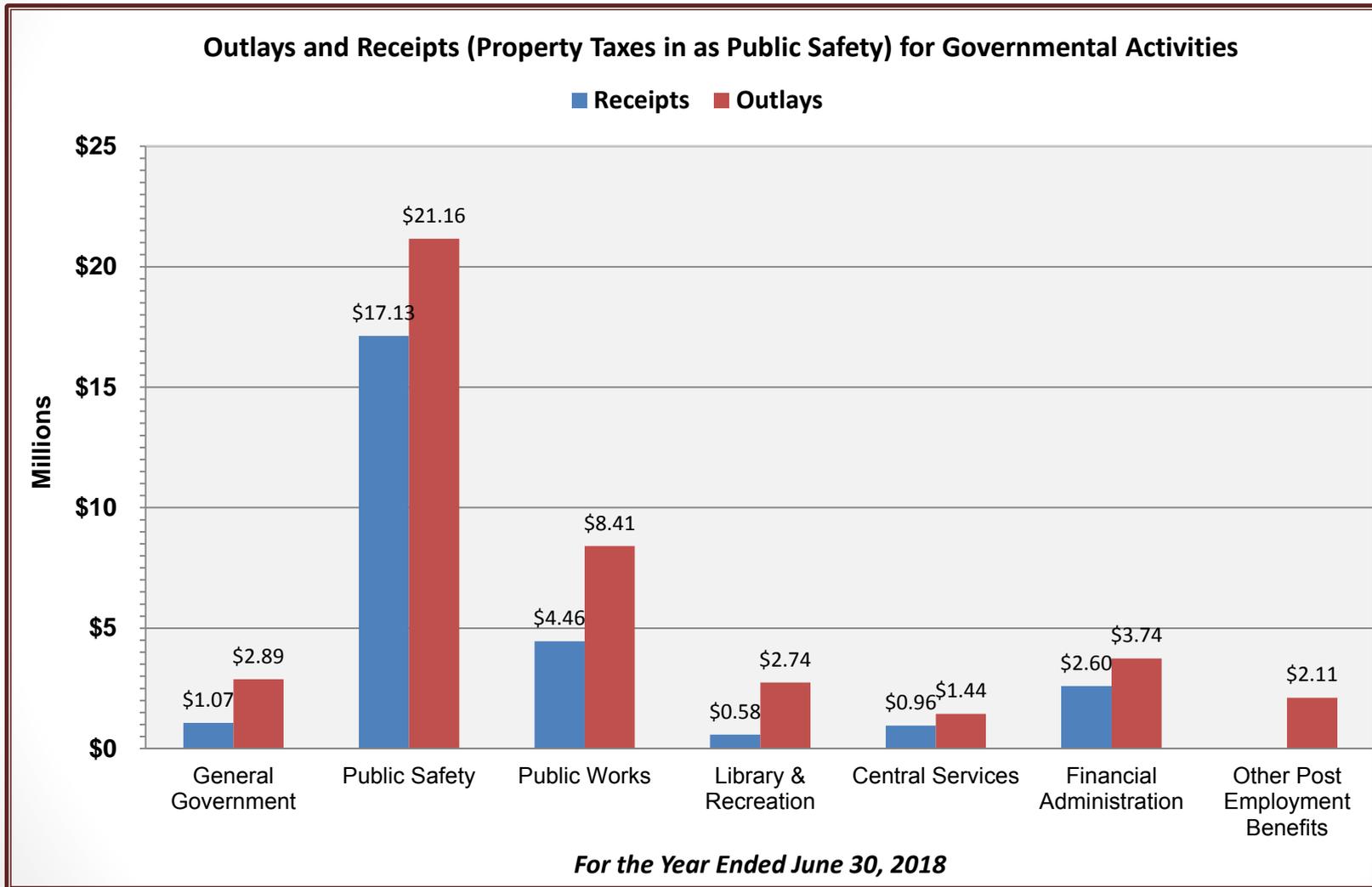
- Revenue increased as compared to the FY17 Original Budget
 - \$707,500 or 1.7%
- Major increases/(decreases) affecting revenues
 - Transfer Taxes (\$463,400)
 - Reflects a potential rate change from 1.5% to 1.25%
 - Extra Duty Grant Revenue (\$198,600)
 - Planning/Inspections Permits & Fees \$293,900
 - (\$191,000 in Building Permits)
 - Fines & Police Revenue (\$16,700)
 - Investment Income \$48,000
 - Sanitation Fees \$542,100
 - Recommended fee increase
 - Court of Chancery \$250,000
 - Property Taxes \$130,500 (growth related)
 - Police Pension Grant (\$85,000)

General Fund Expenditures

- Expense increase over FY17 Original Budget – \$637,500 or 1.5%
- Major increases/(decreases) affecting expenditures
(see Division summaries for details)
 - Wages & Benefits \$983,000
 - Police Extra Duty (\$223,600)
 - Offset by revenue decrease
 - Sanitation contractual services \$531,100
 - Insurance \$35,000
 - Increased fleet maintenance cost \$61,900
 - Other personnel cost & retiree medical (\$33,200)
 - Other operational cost increases and bank fees \$43,000
 - Debt Service (\$242,200)
 - Appropriation to Police Pension Grant (\$85,000)
 - Offset by revenue decrease
 - Appropriation to Police Pension Fund \$91,500
 - Transfer to General Pension for COLA \$48,400
 - Transfer to the Capital Project Fund (\$490,700)
 - Transfer to Uncollectible Expense for demolitions \$50,000

Note – list does not reflect adjustments to individual division budgets in order to balance this budget.

FY18 Proposed Budget - General Fund Program Receipts & Expenditures



Property Taxes

PROPERTY ASSESSMENT PROJECTION 2015 BASE YEAR

TAXABLE ASSESSED VALUE AS OF APRIL 7 2017

Annual Appeals (Exemption Requests that have been submitted)
Annual Appeals Estimate of Appeals
Senior Citizen/Disability Exemption

\$ 3,118,072,200.00
Estimate Only \$ (318,200.00)
Estimate Only \$ (5,000,000.00)
Estimate Only \$ (22,000,000.00)

TOTAL TAXABLE ASSESSED VALUE

\$ 3,090,754,000.00

CITY OF DOVER PROJECTED PROPERTY TAX RECEIPTS ACCRUAL METHOD OF ACCOUNTING 7/01/17 - 6/30/18

Using a tax of **\$0.405** per \$100 of assessment, the estimated gross 7/01/17 billing will be:
Penalties
Estimated Quarterly Billing

\$ 12,517,553.70
\$ 70,000.00
\$ 28,000.00

PROJECTED PROPERTY TAX RECEIPT SUBTOTAL

\$ 12,615,600.00

Pay In Lieu of Taxes

Luther Towers \$27,227; State of Delaware \$312,243.52; Milford Housing \$7,500
Delaware State Housing Authority \$13,000; Dover Housing Authority \$50,000

410,000

PROJECTED PROPERTY TAX RECEIPTS FOR FY 2018

\$ 13,025,600.00

\$0.01 of tax rate equates to:

\$ 309,075.40

City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)

	Estimated 2018	Estimated 2017	2016	2015	2014	2013	2012
Debt Limit	\$ 154,538	\$ 152,627	\$ 155,396	\$ 158,485	\$ 157,995	\$ 159,075	\$ 158,465
Net (Taxable) Assessed Value on Books	3,090,754	3,052,549	3,107,912	3,169,707	3,159,894	3,181,496	3,169,308
Total net debt applicable to limit	5,877	6,210	6,783	7,337	4,050	4,479	1,550
Legal Debt Margin	\$ 148,661	\$ 146,417	\$ 148,613	\$ 151,148	\$ 153,945	\$ 154,596	\$ 156,915
Total Net Debt applicable to limit as a percentage of debt limit	3.80%	4.07%	4.36%	4.63%	2.56%	2.82%	0.98%

Legal Debt Margin Calculation for Fiscal Year 2017

Net (Taxable) Assessed Value on Books	<u>\$ 3,090,754</u>	<u>\$ 3,052,549</u>	<u>\$ 3,107,912</u>	<u>\$ 3,169,707</u>	<u>\$ 3,159,894</u>	<u>\$ 3,181,496</u>	<u>\$ 3,169,308</u>
Debt Limit - 5 Percent of Total Assessed Value	\$ 154,538	\$ 152,627	\$ 155,396	\$ 158,485	\$ 157,995	\$ 159,075	\$ 158,465
DEBT (For which the City's full faith and credit has been pledged)							
Gross Bonded Debt	<u>5,877</u>	<u>6,210</u>	<u>6,783</u>	<u>7,337</u>	<u>4,050</u>	<u>4,479</u>	<u>1,550</u>
LEGAL DEBT MARGIN	<u>\$ 148,661</u>	<u>\$ 146,417</u>	<u>\$ 148,613</u>	<u>\$ 151,148</u>	<u>\$ 153,945</u>	<u>\$ 154,596</u>	<u>\$ 156,915</u>

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or \$7,726,900 based on the 2018 Estimate.

Water/Wastewater Fund

- Revenue decrease over FY17 Original Budget (\$28,200) or -.2%
- Expense increase over FY17 Original Budget \$690,900 or 4.8%

- Major increases/(decreases) affecting revenues
 - Water Service fees \$114,600
 - Wastewater Service Fees (\$32,000)
 - Wastewater Treatment Fees (\$47,100)
 - Groundwater Inflow Adjustment (\$38,300)
 - Water Tank Space Leasing \$25,200
 - Impact Fees (\$40,000)

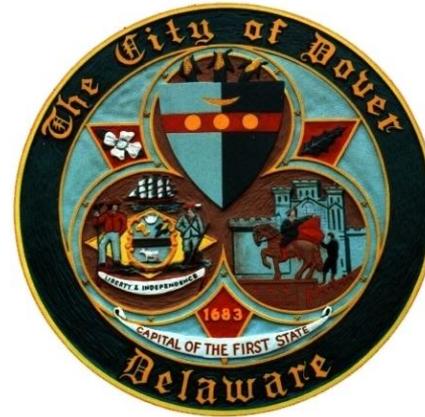
- Major increases/(decreases) affecting expenses
 - Wages & Benefits \$62,800
 - Water Treatment Plant contractual services \$24,000
 - Kent County Treatment fees (\$203,500)
 - Internal service allocations \$46,000
 - Debt Service – (\$89,800) Deferred SRF Loans until projects are ready
 - Transfers to reserves (\$170,000)
 - Increased Wastewater transfer to General Fund \$25,000
 - Capital Project Appropriations \$1,200,000

Electric Fund

- Revenue increase over FY17 Original Budget \$647,600 or .8%
- Expense increase over FY17 Original Budget \$1,962,100 or 2.5%
 - Exclusive of transfer to the Rate Stabilization Reserve of \$5.2 million for FY17 projected savings
- Major increases/(decreases) affecting revenues
 - Customer sales increase \$664,800
 - Other revenue decreased (\$17,200)
- Major increases/(decreases) affecting expenses
 - Power Supply & Generation (\$79,100)
 - Wages & Benefits \$23,100
 - Operating expenses decreased (\$153,400)
 - Legal expenses and consulting services budgeted at \$125,000 were moved to Other Expenses for RFP's and Legal services associated with power supply and generation
 - Retiree health care \$220,300 due to retirements
 - Internal service allocations \$95,200
 - OPEB Appropriation towards unfunded liability \$1.0 million
 - Pension Appropriation towards unfunded liability \$1.0 million
 - Transfers to other accounts as follows
 - Transfer to Rate Stabilization Reserve \$5.2 million of projected favorability in FY17 Electric Fund budget; to be incorporated into a potential phase in of the Rate Design Analysis to be completed in FY18.

**City of Dover
Major Rate & Fee Trends**

GENERAL FUND	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Actual 2013/14	Actual 2014/15	Actual 2015/16	Budget 2016/17	Budget 2017/18
Rolled Back/(Up) Property Tax Rate @ 100% value			\$0.3108					\$0.3499		
Property Tax Rate Approved	\$0.3300	\$0.3300	\$0.3378	\$0.3378	\$0.3378	\$0.3378	\$0.3378	\$0.4050	\$0.4050	\$0.4050
Property Tax Rate Increase Proposed for revenue requirement								\$0.0551		
Property Tax Rate Increase/(Decrease) (excluding 100% rollback/up)			\$0.0270					\$0.0121		
Trash Fees (in City) - implemented FY2000	\$5.85	\$5.85	\$11.70	\$11.70	\$17.00	\$17.00	\$17.00	\$17.00	\$17.00	\$21.00
Trash Fees (outside City)	\$29.00	\$29.00	\$42.75	\$42.75	\$42.75	\$42.75	\$42.75	\$42.75	\$42.75	\$54.00
Transfer from Electric Utility	6.6%	6.5%	8.0%	8.0%	\$8 million	\$8 million	\$10 million	\$10 million	\$10 million	\$10 million
% of Electric Fund Revenues					8.3%	9.6%	12.5%	12.2%	12.3%	12.2%
% of General Fund Revenues					22.3%	22.5%	25.7%	23.9%	23.7%	23.4%
Transfer from Water/Wastewater Utility	5.0%	4.5%	0.0%	4.5%	\$500,000	\$500,000	\$500,000	\$850,000	\$875,000	\$900,000
% of Water/Wastewater Fund Revenues					3.7%	3.6%	3.4%	5.7%	5.7%	5.8%
% of General Fund Revenues					1.4%	1.4%	1.3%	2.0%	2.1%	2.1%
WATER/WASTEWATER FUND										
Water per 1,000 gal	\$2.45	\$2.70	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
Water per 1,000 gal (Outside City)	\$3.68	\$4.05	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50
Water Flat Rate Charge (new source)	\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$2.50	\$2.50	\$2.50	\$2.50
Wastewater per 1,000 gal. Charge	\$2.10	\$2.10	\$2.65	\$2.65	\$2.65	\$2.65	\$2.65	\$2.65	\$2.65	\$2.65
Wastewater per 1,000 gal (Outside City)	\$3.15	\$3.15	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98	\$3.98
Wastewater Flat Rate Charge (new source)	\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$1.25	\$2.50	\$2.50	\$2.50	\$2.50
Kent County Sewer Treatment Fee - Rate set by County	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34	\$2.34
Kent County Sewer Adjustment (new source for I & I - City)			\$1.05	\$1.05	\$1.05	\$1.05	\$1.50	\$1.50	\$1.50	\$1.50
ELECTRIC FUND										
Residential Rate Changes (includes any PCA adj.)	\$0.1450	\$0.1450	\$0.1407	\$0.1364	\$0.1316	\$0.1204	\$0.1204	\$0.1203	\$0.1203	\$0.1203
Increase %	8.0%	0.0%	-3.0%	-3.1%	-3.5%	-8.5%	0.0%	-0.1%	0.0%	0.0%
Power Cost Adjustment								(\$0.00252)	(\$0.00855)	
Electric Fund Customer Charge	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$7.50	\$8.50	\$8.50
Reconnect Fees	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100	\$50 - \$100
Return Check Fees	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$40	\$40	\$40

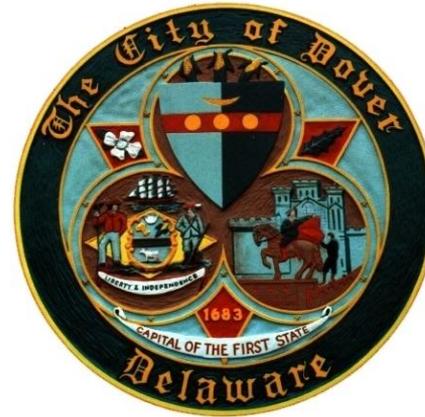


City of Dover Budget Workshop Fiscal Year 2017-2018

Electric Fund PCA Credit

Electric Fund – PCA Credit

- Recommended distribution of earnings \$6,176,700 or approximately 5.5% of revenue, result of lower cost of service than projected for FY16.
- Key factors –
 - Higher customer sales \$.6 million
 - Lower cost of power supply \$7.4 million
 - Higher generation cost \$.6 million
- PCA Credit (\$.00855) by customer class



City of Dover Budget Workshop Fiscal Year 2017-2018

Sanitation Cost of Service Recommendation



CITY OF DOVER

DEPARTMENT OF PUBLIC WORKS

FY 2017 / FY 2018 SANITATION RATE COMPARISON

KENT COUNTY, DELAWARE AND DOVER, DELAWARE COMPARISON

SERVICE DESCRIPTION	KENT COUNTY			CITY OF DOVER (In City)			CITY OF DOVER (Out of City)		
	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE
<u>Trash</u> weekly <u>Recycling</u> weekly <u>Bulk</u> 4 items weekly	\$ 18.58	\$ 23.75	27.83%	n/a	n/a	n/a	n/a	n/a	n/a
<u>Trash</u> weekly <u>Recycling</u> weekly <u>Yard Waste Can</u> weekly (in season) <u>Bulk</u> 4 items weekly	\$ 21.25	\$ 26.04	22.54%	n/a	n/a	n/a	n/a	n/a	n/a
<u>Trash</u> weekly <u>Recycling</u> every other week <u>Yard Waste Can</u> weekly <u>Yard Waste Bulk</u> every other week <u>Household Bulk</u> every other week	n/a	n/a	n/a	\$ 17.00	\$ 21.00	23.53%	\$ 42.75	\$ 54.00	26.32%

Private Company Rates

- Waste Management
 - No Yard Waste Pickup
 - Quarterly rates by location; \$92.10 - \$104.10 or
 - \$30.70 - \$34.70 monthly
- Independent Disposal Services
 - \$35.00 non-refundable delivery charge for trash and recycle cans; Bulk yard waste at an additional charge
 - \$23.00 monthly or \$69.00 quarterly with one year service contract
- Republic Services
 - No Yard Waste Pickup
 - Quarterly rate \$79.00 or \$26.33 monthly

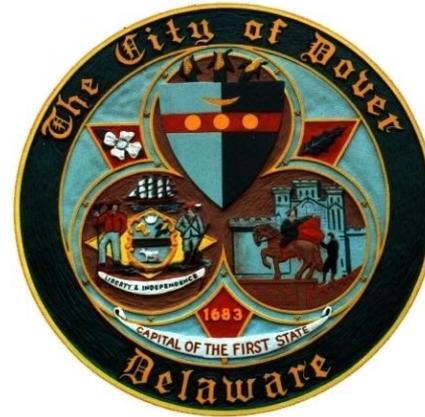


CITY OF DOVER
DEPARTMENT OF PUBLIC WORKS
FY 2018 SANITATION AND STREETS BUDGET ITEM PROPOSAL - REV. 07-21-2017
STREET SWEEPING DEBRIS, LEAF MULCH, WOOD CHIPS AND YARD WASTE DISPOSAL

SANITATION - CONTRACTUAL SERVICES - 110-1800-555.30-31

LINE ITEM DETAIL	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 PROPOSAL	2017-2018 PROPOSAL PHASED	COMMENTS
DSWA 11,900 TONS @ \$70.00/TON (DOMESTIC WASTE)	\$ 833,000	\$ 833,000	\$ 833,000	\$ 833,000	
RECYCLING SERVICES (9,400 CON @ 1.73 PER @ 26 WKS)	\$ 295,800	\$ 295,800	\$ 295,800	\$ 422,900	1
YARD WASTE DISPOSAL (RESIDENTIAL COLLECTION)	\$ 80,000	\$ 80,000	\$ 170,000	\$ 170,000	2, 3, 10
ALLIED WASTE DOWNTOWN DUMPSTER	\$ 11,700	\$ 11,700	\$ 11,700	\$ 11,700	
STREET SWEEPING DEBRIS DISPOSAL (ANNUAL)	\$ -	\$ -	\$ 50,400	\$ 50,400	4, 10
STREET SWEEPING DEBRIS DISPOSAL (STOCKPILE)	\$ -	\$ -	\$ 158,200	\$ 67,600	5, 10
LEAF MULCH DISPOSAL (ANNUAL)	\$ -	\$ -	\$ 85,000	\$ 85,000	6, 10
LEAF MULCH DISPOSAL (STOCKPILE)	\$ -	\$ -	\$ 170,000	\$ -	7, 10
WOOD CHIP AND BULK TREE DISPOSAL (ANNUAL)	\$ -	\$ -	\$ 8,500	\$ 8,500	8, 10
WOOD CHIP AND BULK TREE DISPOSAL (STOCKPILE)	\$ -	\$ -	\$ 61,200	\$ -	9, 10
	\$ 1,220,500	\$ 1,220,500	\$ 1,843,800	\$ 1,649,100	

- 1 - Reflects current Curbside Recycling Services and current container count.
- 2 - Yard Waste Disposal - FY 2018 Requested based upon EZ Mulch using 800 loads @ \$100 per load
- 3 - Yard Waste Disposal - FY 2018 Proposal based upon DSWA using 2,000 tons @ \$85.00/ton
- 4 - Street Sweeping Debris Annual Disposal - FY 2018 Proposal based upon DSWA using 60 tons/month @ \$70.00/ton
- 5 - Street Sweeping Debris Stockpile Disposal - FY 2018 Proposal based upon DSWA using 2,260 tons @ \$70.00/ton (Phased = 2 years)
- 6 - Leaf Mulch Annual Disposal - FY 2018 Proposal based upon DSWA using 1,000 tons (1 pile) @ \$85.00/ton
- 7 - Leaf Mulch Stockpile Disposal - FY 2018 Proposal based upon DSWA using 2,000 tons (2 piles) @ \$85.00/ton (Phased = 2 years, postponed due to recycling costs)
- 8 - Wood Chip Annual Disposal - not previously budgeted for - FY 2018 Proposal based upon DSWA using 100 tons @ \$85.00/ton
- 9 - Wood Chip Stockpile Disposal - stockpile created over many years by Electric tree contractor and Grounds Division, Electric Department will need to budget for material disposal - FY 2018 Proposal based upon DSWA using 720 tons @ \$85.00/ton (Phased = 2 years, postponed due to recycling costs)
- 10 - all volumes and weights have been estimated by DPW staff to the best of their ability - values are not exact



City of Dover Budget Workshop Fiscal Year 2017-2018

Police Extra Duty Cost of Service Recommendation

Extra Duty Rates

Background

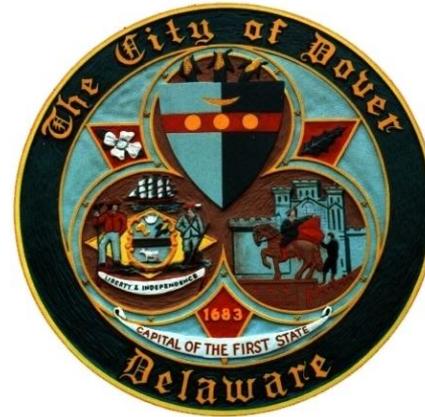
- Finance performed an analysis through March 2017 to determine if the FY17 revised rates were covering the cost of service. This shortfall does not reflect the cost of dispatchers and other overheads, officers pay only.

	2016/17	
	Actual to date	
POLICE EXTRA DUTY CUSTOMER RECEIPTS	\$	187,803
POLICE E.D. RELATED GRANTS		211,385
TOTAL RELATED REVENUES		399,188
POLICE EXTRA DUTY (Division 544)		(407,543)
NET EXTRA DUTY REVENUE/(EXPENSE)	\$	(8,355)

Recommended Rates 6/30/17

City of Dover			
Billing Rates for Special Events (Spectator's over 5,000)			
	Officer		Total
	Billing	Overhead	Hourly
	Rate	Rate	Rate
Special Event Rate – Officers	\$64.00	\$4.00	\$68.00
Special Event Rate – Dispatchers S/T	\$24.00	\$4.00	\$28.00
Special Event Rate – Dispatchers O/T	\$35.00	\$4.00	\$39.00

City of Dover			
Officer Extra Duty Billing Rates for Non-Special Events			
	Officer		Total
	Billing	Overhead	Hourly
	Rate	Rate	Rate
Extra Duty Rate	\$61.00	\$9.00	\$70.00
Vehicles Actively Used on Extra Duty Jobs - Hourly Rate			\$ 16.25



City of Dover Budget Workshop Fiscal Year 2017-2018

Retirement Benefits

Recommended COLA – General Employee Plan Retirees

Financial Impact of Ad-Hoc Cost of Living Increase
Date of Most Recent Actuarial Valuation - 7/1/2016
Effective 7/1/2017 for Those Retired as of 7/1/2016

	<u>Increase</u> <u>%</u>	<u>Total</u> <u>Cost</u>	<u>General</u> <u>Fund</u>	<u>W/WW</u> <u>Fund</u>	<u>Electric</u> <u>Fund</u>
Option 1 - Fully Fund in Year of Increase <i>(Increase in Liability)</i>	1.00%	\$413,635	\$227,176	\$35,049	\$151,410
	1.50%	\$620,452	\$340,766	\$52,572	\$227,114
	2.00%	\$827,268	\$454,355	\$70,095	\$302,818
Option 2 - Amortize Liability Increase <i>(15 year amortization)</i>	1.00%	\$43,990	\$24,160	\$3,728	\$16,102
	1.50%	\$65,986	\$36,240	\$5,592	\$24,154
	2.00%	\$87,982	\$48,322	\$7,455	\$32,205

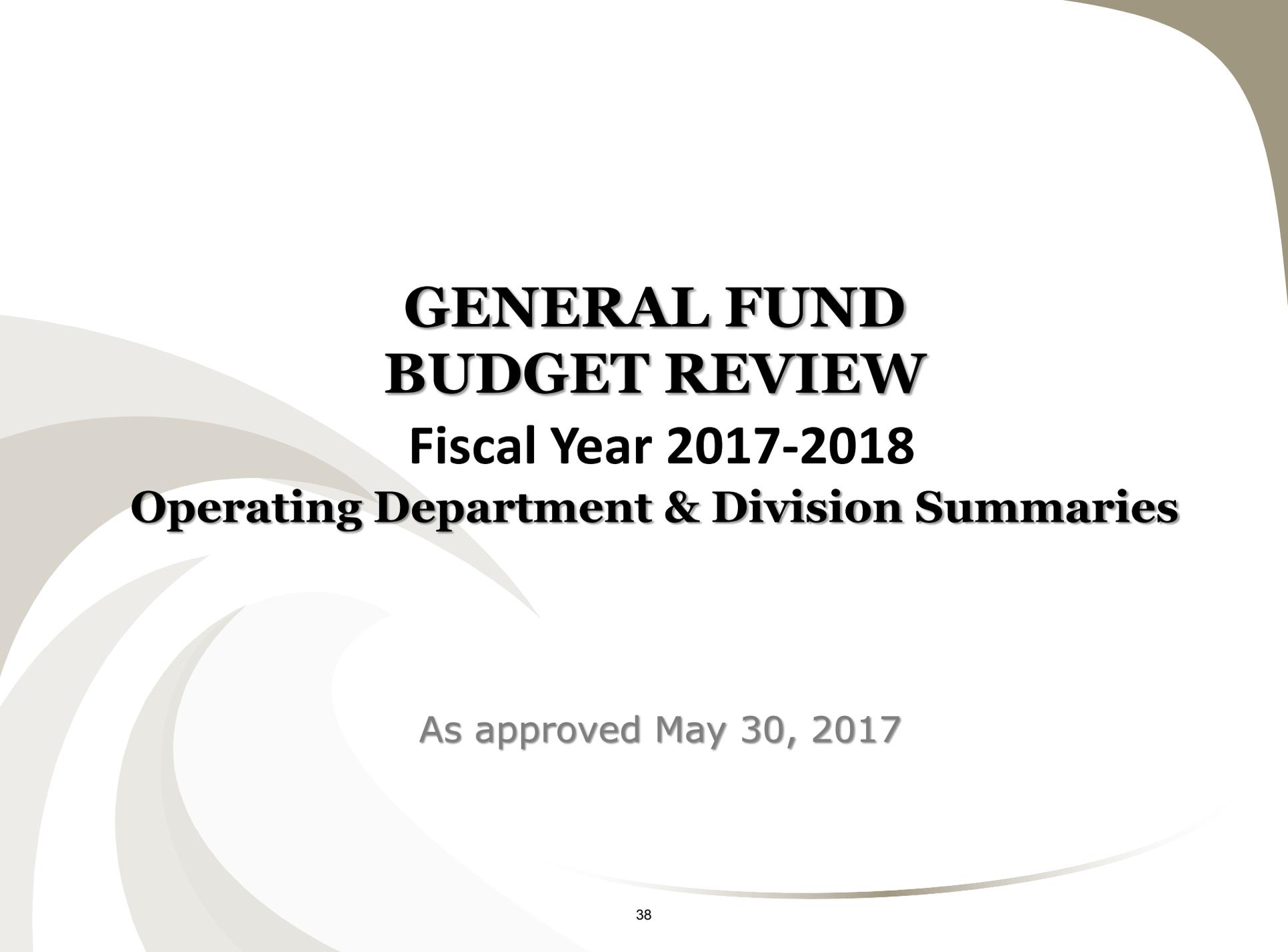


BUDGET REVIEW
Fiscal Year 2017-2018
Operating Department & Division Summaries

As approved May 30, 2017

What You Need to Know

- Percentage changes are calculated on FY17 Original Budgets
- All Department budgets reflect the following in personnel expenses:
 - Vacation sell-back and education assistance are budgeted in a separate fund expense account in order to reduce the overall amount budgeted for personnel expenses.
 - Overall net benefit cost increased by \$545,200 in the proposed budget.
 - Health Insurance premiums remain the same.
 - OPEB rates significantly increased with the inclusion of two years of premium increases of approximately 25% in the latest actuary valuation.
 - Pension cost decreased for the General Fund and Electric Fund, and increased for the Water/Wastewater Fund. This is a result of actuary recommended increases offset by General Pension Plan employee's retirements combined with new hires with the 401a benefit. In essence, retiree cost is going up and active employee cost is going down.
 - Actuarial determined contribution for the OPEB and pension liabilities are included in the pension contribution percentage.
 - Worker's Compensation Rates increased.



**GENERAL FUND
BUDGET REVIEW
Fiscal Year 2017-2018
Operating Department & Division Summaries**

As approved May 30, 2017

Mayor

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	57,300	57,300	57,300	57,300	0%
Materials & Supplies	300	300	300	300	0%
Administrative Exp	16,400	16,300	16,300	61,700	276%
Total Operating Exp	\$ 74,000	\$ 73,900	\$ 73,900	\$ 119,300	61%

Highlights:

Personnel costs remained constant.

Materials and Supplies remained constant.

Administrative Expenses increased \$45,300 mainly due to economic development.

City Council

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	91,000	91,000	91,000	91,000	0%
Materials & Supplies	300	300	1,300	1,300	333%
Administrative Exp	49,800	52,800	62,800	62,800	26%
Total Operating Exp	\$ 141,100	\$ 144,100	\$ 155,100	\$ 155,100	10%

Highlights:

Personnel Costs remained constant.

Materials and Supplies increased \$1,000 for the purchase of 2 iPads.

Administrative Expenditures increased \$13,000; \$3,000 for discretionary funds for Council Members and \$10,000 for a Diversity Study.

City Manager

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	503,300	511,300	558,200	562,200	12%
Materials & Supplies	8,400	14,500	13,800	13,800	64%
Administrative Exp	280,700	176,300	175,500	175,500	-37%
Total Operating Exp	\$ 792,400	\$ 702,100	\$ 747,500	\$751,500	-5%

Highlights:

Personnel Costs have increased \$58,900 overall for a Budget Analyst position offset by reduction of 4 part-time temporary positions.

Materials and supplies increased by \$5,400 which included an increase in expenses of \$7,100 for maintenance and warranty on the new video & production equipment offset by decreases in printing and computer hardware.

Administrative Expenditures budget decreased by \$105,200. Legal expenses \$9,000, economic development cost \$90,400 and contractual services \$5,000.

City Clerk

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	372,800	382,400	382,400	389,200	4%
Materials & Supplies	9,200	15,000	12,200	12,200	33%
Administrative Exp	30,300	42,000	35,300	35,300	17%
Total Operating Exp	\$ 412,300	\$ 439,400	\$ 429,900	\$ 436,700	6%

Highlights:

Personnel Costs increased \$16,400 for benefit cost increases.

Materials and supplies expense has a small increase of \$3,000 due to increases in computer software (4 Word Perfect upgrades) and office supplies.

Administrative expenditures has a net increase of \$5,000 due to an increase of \$16,500 for agenda management software offset by a decrease of \$9,000 in election related expenses and small decreases in training, office equipment/repairs and subscriptions and dues.

Customer Services

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	1,077,200	1,154,400	1,111,400	1,114,700	3%
Materials & Supplies	32,600	35,800	32,300	32,300	-1%
Administrative Exp	34,000	35,600	22,500	22,500	-34%
Total Operating Exp	\$ 1,143,800	\$ 1,225,800	\$ 1,166,200	\$ 1,169,500	2%

Highlights:

Personnel costs had a net increase of \$37,500 due recruitment of 3 full-time and 2 part-time positions.

Materials and supplies has a small decrease of \$300 in computer software.

Administrative expenses has a decrease of \$11,500 due to a reduction in credit card fees which are now budgeted in bank fees.

Finance

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	811,600	833,200	833,200	843,000	4%
Materials & Supplies	2,700	5,600	4,200	4,200	56%
Administrative Exp	196,800	199,300	191,700	191,700	-3%
Total Operating Exp	\$ 1,011,100	\$ 1,038,100	\$ 1,029,100	\$ 1,038,900	3%

Highlights:

Personnel costs increased by \$31,400 mainly attributed to wage and benefit cost increases.

Materials and supplies increased \$1,500 mainly due to a PC replacement.

Administrative expenses had a net decrease of \$5,100 due to reduction in cost for audit offset by increase in cost for ADP fees due to a contract increase and additional headcount.

Procurement & Inventory

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	314,000	330,000	330,000	332,600	6%
Materials & Supplies	13,900	17,200	16,000	16,000	15%
Administrative Exp	257,200	257,100	256,500	256,500	0%
Total Operating Exp	\$ 585,100	\$604,300	\$ 602,500	\$ 605,100	3%

Highlights:

Personnel costs increased \$18,600 due to wage and benefit cost increases.

Materials and Supplies had a net increase of \$2,100 due to an increase of \$2,700 for building repairs and fences offset by small decreases in computer software, office supplies and furniture/fixtures.

Administrative expenditures had a net decrease of \$700.

Fire

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	437,700	442,300	442,400	442,400	1%
Administrative Exp	284,000	367,500	332,500	332,500	17%
Total Operating Exp	721,700	809,800	774,900	774,900	7%
Capital Outlay	145,700	184,100	184,100	145,700	26%
Total Expenditures	\$ 867,400	\$ 993,900	\$ 959,000	\$ 920,600	11%

Highlights:

Personnel Costs increased \$4,700 due to increases in benefits costs.

Administrative Expenditures increased \$48,500 due to administrative and maintenance increases.

Capital Outlay totaled \$145,700 for the annual loan payment on Ladder 1.

Human Resources

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	345,100	362,700	362,700	369,000	7%
Materials & Supplies	29,400	36,300	29,000	29,000	-1%
Administrative Exp	18,000	102,500	38,600	38,600	114%
Total Operating Exp	\$ 392,500	\$ 501,500	\$ 430,300	\$ 436,600	11%

Highlights:

Personnel Costs have increased overall by \$23,900 due to wage and benefit cost increases.

Materials and Supplies had a net decrease of \$400.

Administrative Expenditures increased \$20,600 due to an increase of \$14,400 in advertisement expense and \$7,500 for diversity training offset by small decreases in subscriptions and dues and in-house training.

Please, note Advertisement Expense was requested at \$76,000 and Diversity Training was requested at \$15,000. These requests were in light of City Council discussions for broadening our employment advertisements and concerns expressed on our diversity efforts.

Information Technology

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	441,400	454,700	436,700	439,900	0%
Materials & Supplies	98,700	97,500	94,800	94,800	-4%
Administrative Exp	176,200	175,700	242,700	242,700	38%
Total Operating Exp	716,300	727,900	774,200	777,400	9%
Capital Outlay	-	50,600	36,600	36,600	0%
Total Expenditures	\$ 716,300	\$ 778,500	\$ 810,800	\$814,000	14%

Highlights:

Personnel Costs decreased due to the combination of eliminating the AS400 programmer, Administrative Assistant, and taking the LAN Tech from a part-time position to a full-time position.

Materials and supplies had a net decrease of \$3,900 in various accounts.

Administrative Expenditures increased \$66,500 mainly in contractual services for a trainer to help with ERP implementation in lieu of hiring a programmer.

Capital Outlay includes \$36,600 for a Backup and Recovery System with software \$15,000 and Network infrastructure \$21,600.

Library

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	1,369,000	1,420,700	1,418,800	1,417,400	4%
Materials & Supplies	58,900	75,600	83,800	83,800	42%
Administrative Exp	207,100	223,600	207,100	207,100	0%
Total Operating Exp	\$ 1,635,000	\$ 1,719,900	\$ 1,709,700	\$ 1,708,300	4%

Highlights:

Personnel Costs increased by \$48,400 mainly due to recruitment of 2 part-time positions and a net increase in benefits costs. The projected cost of the passport operations is offset by projected revenue. Currently the recommended budget has this operation as breakeven.

Materials & Supplies increased overall by \$24,900 mainly for increases of \$18,800 in books and \$8,500 for passport supplies offset by decreases in security/safety materials and water/sewer expense.

Administrative expenditures remained constant.

Note – There is the possibility that the Library Grant may be affected by the State’s budget. This is another \$200K plus accounted for in the Library Grant Fund and not reflected above.

Parks & Recreation

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	499,500	512,700	512,700	514,000	3%
Materials & Supplies	57,000	59,000	57,700	57,700	1%
Administrative Exp	194,400	202,300	192,500	192,500	-1%
Total Operating Exp	750,900	774,000	762,900	764,200	2%
Capital Outlay	165,000	241,000	271,000	271,000	64%
Total Expenditures	\$ 915,900	\$ 1,015,000	\$ 1,033,900	\$ 1,035,200	13%

Highlights:

Personnel Costs increased \$14,500 mainly due to benefit cost increases.

Materials & Supplies expenditures have increased overall by \$700 due to increases in computer hardware and software offset by decreases printing and maintenance supplies.

Administrative Expenditures decreased overall by \$1,900 due to a reduction in electricity and gasoline offset by increases in contractual services, training and telephone expense.

Capital Outlay totaled \$271,000 for park and playground improvements. Matching Grant \$33K.

Note – Park Master Plans that have not had cost estimates developed are not included in the recommended budget and will require a budget amendment if the project can be completed in the fiscal year. The source of funds will be the Parkland Reserve.

Police

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	15,630,200	15,898,000	15,806,900	15,874,900	2%
Materials & Supplies	370,600	385,000	340,500	340,500	-8%
Administrative Exp	874,400	954,100	828,500	828,500	-5%
Total Operating Exp	16,875,200	17,237,100	16,975,900	17,043,900	1%
Capital Outlay	299,800	2,218,400	379,900	379,900	27%
Total Expenditures	\$ 17,175,000	\$ 19,455,500	\$ 17,355,800	\$ 17,423,800	1%

Highlights:

Personnel Costs increased by \$244,700 due to an increase in wages and benefits as follows – Civilian Division \$10,600; Law Enforcement \$104,100; offset by a decrease Extra Duty \$197,800.

Materials and Supplies had a net decrease of \$30,100 for reductions in computer hardware and software due to fewer vehicle purchases, CI petty cash disbursements, medical supplies and physicals, books, security/safety materials, animal care, computer software and water/sewer offset by increases in furniture/fixtures, printing, custodial services and City Bldg. Maintenance supplies.

Administrative Expenses had a net decrease of \$45,900 due to reductions in contractual services, training, gasoline, postage, electricity and heating oil/gas offset by increases in subscriptions, office equipment repairs/maintenance and radio equipment.

Capital Outlay of \$379,900 includes a roof repair \$53,100, impound lot \$51,000 and purchase of vehicles \$275,800.

Tax Assessor

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	217,900	209,000	209,000	210,700	-3%
Materials & Supplies	2,500	3,500	3,400	3,400	36%
Administrative Exp	23,600	24,800	24,400	24,400	3%
Total Operating Exp	244,000	237,300	236,800	238,500	-2%
Capital Outlay	-	18,200	-	-	0%
Total Expenditures	\$ 244,000	\$ 255,500	\$ 236,800	\$ 238,500	-2%

Highlights:

Personnel decreased \$7,200 due to wage and net benefit cost decreases (Health insurance decrease \$12,800 and OPEB & Pension increases \$5,700).

Materials and Supplies had a small increase of \$900 in computer hardware for a desktop.

Administrative Expenses had an overall increase of \$800 in contractual services and subscription and dues.

Note – A vehicle purchased in the City Manager’s department in FY16 with limited usage was transferred to the Assessor and the requested vehicle was removed.

Planning/Inspections & Community Development

Planning

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	513,100	532,300	532,300	534,200	4%
Materials & Supplies	13,300	14,600	12,300	12,300	-8%
Administrative Exp	20,400	19,800	16,900	16,900	-17%
Total Operating Exp	546,800	566,700	561,500	563,400	3%
Capital Outlay	-	16,000	-	-	0%
Total Expenditures	\$ 546,800	\$ 566,700	\$ 561,500	\$ 563,400	3%

Highlights:

Personnel Costs increased by \$21,100 due to wage and benefit increases.

Materials & Supplies expenditures decreased \$1,000 in computer hardware.

Administrative expenditures decreased \$3,500 for training and subscription and dues offset by a small increase in telephone expense.

Inspections & Permitting

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	503,600	526,700	526,700	526,700	5%
Materials & Supplies	2,200	3,700	2,200	2,200	0%
Administrative Exp	192,100	491,300	192,100	192,100	0%
Total Operating Exp	697,900	1,021,700	721,000	721,000	3%
Capital Outlay	-	16,000	-	-	0%
Total Expenditures	\$ 697,900	\$ 1,037,700	\$ 721,000	\$ 721,000	3%

Highlights:

Personnel Costs increased \$23,100 due to wage increases and higher benefit costs.

Materials & Supplies remains constant to FY17.

Administrative Expenses remains constant to FY17.

Note – The Planner originally included a \$300,000 increase in demolition expenses to partner with Central Delaware Habitat for Humanity on their Strong Neighborhood Housing Fund.

Code Enforcement

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	396,300	420,300	420,300	422,300	7%
Materials & Supplies	18,300	21,100	20,600	20,600	13%
Administrative Exp	6,500	7,500	6,800	6,800	5%
Total Operating Exp	421,100	448,900	447,700	449,700	7%
Capital Outlay	-	23,800	-	-	0%
Total Expenditures	\$ 421,100	\$ 472,700	\$ 447,700	\$ 449,700	7%

Highlights:

Personnel Costs increased \$26,000 due to wage and benefit cost increases.

Materials & Supplies increased \$2,300 for vest replacements with expiration dates.

Administrative Expenditures had a net increase of \$300 due to a \$1,400 increase for phone lines for tablets offset by decreases in contractual services and gasoline.

Life Safety

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	231,600	232,800	232,800	234,500	1%
Materials & Supplies	300	10,800	10,300	10,300	3333%
Administrative Exp	253,300	257,200	254,800	254,800	1%
Total Operating Exp	485,200	500,800	497,900	499,600	3%
Capital Outlay	29,500	-	-	-	-100%
Total Expenditures	\$ 514,700	\$ 500,800	\$ 497,900	\$ 499,600	-3%

Highlights:

Personnel Costs increased \$2,900 due to lower wages attributed to staff changes offset by benefit increases.

Materials & Supplies increased \$10,000 for security/safety materials for turn out gear and vests with expiration dates, as well as increases in program expenses/supplies and code books.

Administrative Expenses increased \$1,500 for telephone/fax, subscriptions and dues and training for new inspector.

Public Works

Public Works Admin

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	661,600	687,700	682,900	690,100	4%
Materials & Supplies	6,900	11,400	9,400	9,400	36%
Administrative Exp	11,500	18,800	18,800	18,800	63%
Total Operating Exp	\$ 680,000	\$ 717,900	\$ 711,100	\$ 718,300	6%

Highlights:

Personnel Costs increased by \$28,500 due to wage and benefit increases, particularly pension and OPEB costs.

Materials & Supplies increased \$2,500 in computer hardware and furniture and fixtures offset by a small decrease in computer software.

Administrative Expenditures increased \$7,300 mainly due to an increase in contractual services for \$7,000 for ARGIS software support that renews every other year.

Facilities Management

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	459,500	483,700	483,700	483,700	5%
Materials & Supplies	24,400	26,200	22,500	22,500	-8%
Administrative Exp	123,200	129,700	123,500	123,500	0%
Total Operating Exp	607,100	639,600	629,700	629,700	4%
Capital Outlay	27,700	25,100	25,100	25,100	-9%
Total Expenditures	\$ 634,800	\$ 664,700	\$ 654,800	\$ 654,800	3%

Highlights:

Personnel Costs increased \$24,200 due to wage and benefit cost increases.

Materials and Supplies decreased \$1,900 in city building maintenance supplies and water/sewer.

Administrative Expenditures increased \$300 due an increase of \$6,500 in contractual services for an HVAC contract offset by decreases in electricity and heating oil/gas.

Capital outlay includes \$25,100 for purchase of a vehicle.

Fleet Maintenance

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	466,200	494,600	494,600	496,100	6%
Materials & Supplies	304,100	290,600	337,900	337,900	11%
Administrative Exp	6,000	6,100	4,200	4,200	-30%
Total Operating Exp	776,300	791,300	836,700	838,200	8%
Capital Outlay	31,000	27,000	-	-	-100%
Total Expenditures	\$ 807,300	\$ 818,300	\$ 836,700	\$ 838,200	4%

Highlights:

Personnel Costs increased \$29,900 due to wages and benefit costs.

Materials and Supplies increased \$33,800 due to a \$50,000 increase in program expenses/supplies offset by decreases in small tools, uniforms, security/safety materials, and computer hardware and software.

Administrative Expenses decreased \$1,800 in training/travel, radio repairs and maintenance, contractual services and telephone expense.

Note – Program expenses and supplies is the account all parts and maintenance items are charged to for the City's vehicles and equipment. This account has run over budget for the past several years and the \$50,000 adjustment is to bring the budget in line with the historical cost of service, rather than continue budget overages.

Grounds

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	953,400	907,900	905,400	906,800	-5%
Materials & Supplies	53,200	55,400	45,900	45,900	-14%
Administrative Exp	194,700	199,200	189,300	189,300	-3%
Total Operating Exp	1,201,300	1,162,500	1,140,600	1,142,000	-5%
Capital Outlay	58,200	62,500	62,500	62,500	7%
Total Expenditures	\$ 1,259,500	\$ 1,225,000	\$ 1,203,100	\$ 1,204,500	-4%

Highlights:

Personnel Costs decreased \$46,600 as a result of attrition offset by a net decrease in benefit costs, particularly health insurance and pension costs related to attrition.

Materials & Supplies decreased \$7,300 due to reductions in program expenses/supplies, custodial expenses, uniforms and water/sewer expenses.

Administrative Expenditures decreased by \$5,400 due to reductions in maintenance equipment repairs, telephone and heating oil/gas offset by small increases in subscriptions and dues and environmental expenses.

Capital expenses includes a new mower and utility tractor.

Sanitation

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	732,900	771,300	771,300	771,300	5%
Materials & Supplies	24,700	34,400	33,800	33,800	37%
Administrative Exp	1,275,200	1,337,900	1,758,800	1,758,800	38%
Total Operating Exp	2,032,800	2,143,600	2,563,900	2,563,900	26%
Capital Outlay	261,500	435,100	-	-	-100%
Total Expenditures	\$ 2,294,300	\$2,578,700	\$ 2,563,900	\$2,563,900	12%

Highlights:

Personnel Costs increased \$38,400 due to wages and benefit increases, mainly pension and OPEB costs.

Materials & Supplies increased \$9,100 due to a \$10,000 increase in program expenses/supplies for trash cans offset by a small decrease in uniforms.

Administrative Expenses increased \$483,600 mainly due to an increase of \$491,300 in contractual services along with small increases in telephone and radio repairs and maintenance offset by decreases in gasoline and environmental expenses.

**WATER/WASTEWATER FUND
BUDGET REVIEW
Fiscal Year 2017-2018
Operating Department & Division Summaries**

As approved May 30, 2017

Water/Wastewater Engineering

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	453,600	443,700	450,100	453,900	-1%
Materials & Supplies	16,300	16,900	16,600	16,600	2%
Administrative Exp	46,600	60,600	47,300	47,300	2%
Total Operating Exp	516,500	521,200	514,000	517,800	0%
Capital Outlay	30,400	-	-	-	-100%
Total Expenditures	\$ 546,900	\$ 521,200	\$ 514,000	\$ 517,800	-6%

Highlights:

Personnel costs had a small increase of \$300.

Materials & Supplies had a minimal increase of \$300 with small changes in computer hardware, security/safety materials, small tools and books.

Administrative expenditures had a small increase of \$700 with an increase in training of \$6,400 offset by decreases in gasoline, contractual services \$5,000 and telephone/fax.

Water Management

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	527,400	528,100	528,100	530,400	0%
Materials & Supplies	71,800	73,400	67,500	67,500	-6%
Administrative Exp	56,200	52,900	37,800	37,800	-33%
Total Operating Exp	655,400	654,400	633,400	635,700	-3%
Capital Outlay	1,338,800	1,685,700	1,608,400	1,608,400	20%
Total Expenditures	\$ 1,994,200	\$ 2,340,100	\$ 2,241,800	\$ 2,244,100	12%

Highlights:

Personnel costs had a small increase of \$3,000 with an increase in wages offset by a net decrease in benefit costs.

Materials & Supplies decreased by \$4,300 due to small decreases in water/sewer system supplies, computer hardware, security/safety materials and uniforms offset by an increase of \$2,300 in small tools.

Administrative Expenditures decreased \$18,400 for gasoline, consulting fees \$2,000, contractual services \$15,000, and maintenance equip repairs offset by increases in training and subscriptions.

Capital Outlay totaled \$1,608,400 and includes projects for water quality improvements, meter replacement, wellhead redevelopment, miscellaneous emergency water repairs and purchases in maintenance equipment. Miscellaneous project funds were reduced to reflect historical trend.

Wastewater Management

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	654,400	668,400	668,400	668,400	2%
Materials & Supplies	88,200	90,400	82,200	82,200	-7%
Administrative Exp	219,800	222,600	212,200	212,200	-3%
Total Operating Exp	962,400	981,400	962,800	962,800	0%
Capital Outlay	2,021,200	2,468,500	1,543,000	1,543,000	-24%
Total Expenditures	\$ 2,983,600	\$ 3,449,900	\$ 2,505,800	\$ 2,505,800	-16%

Highlights:

Personnel costs increased \$14,000 due to increase in wages and net benefit cost increases.

Materials & Supplies decreased \$6,000 in pumping station and water/sewer supplies, security/safety materials, uniforms, computer hardware and chemicals and additives and small increases for small tools and water/sewer.

Administrative Expenses decreased \$7,600 in gasoline, electricity, and consulting fees with small increases in various other expenses.

Capital Outlay totaled \$1,543,000 which includes projects for the meter replacement program, SCADA equipment, inflow/infiltration removal, Lepore Road sewer upgrade and Puncheon Run pumping station improvements. Miscellaneous project funds were reduced to reflect historical trends. Projects not fully engineered and designed were moved out to the next year.

Water Treatment

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	1,040,100	1,083,900	1,083,900	1,085,600	4%
Materials & Supplies	159,800	171,400	160,900	160,900	1%
Administrative Exp	527,500	568,500	534,000	534,000	1%
Total Operating Exp	1,727,400	1,823,800	1,778,800	1,780,500	3%
Capital Outlay	1,200,000	1,598,100	-	-	-100%
Total Expenditures	\$ 2,927,400	\$ 3,421,900	\$ 1,778,800	\$ 1,780,500	-39%

Highlights:

Personnel costs increased \$45,500 for wages and net benefit cost increase.

Materials & Supplies had a small increase of \$1,100 which included \$5,000 for siding replacement on well houses and decreases in uniforms, small tools and computer hardware.

Administrative Expenditures increased \$6,500 due to UCMR monitoring requirement of \$24,000 offset by a decrease of \$15,000 in electricity and various other expenses.

Note – The Water Treatment Plant rehabilitation project has been moved to FY19 until such time the forecast model can be updated to reflect the budgetary increase and how the capital cost will be financed and the potential affects on water rates.



**ELECTRIC FUND
BUDGET REVIEW
Fiscal Year 2017-2018
Operating Department & Division Summaries**

As approved May 30, 2017

Electric Administration

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	479,700	477,600	473,200	475,400	-1%
Materials & Supplies	149,500	150,600	167,900	167,900	12%
Administrative Exp	300,500	302,600	153,700	153,700	-49%
Total Operating Exp	929,700	930,800	794,800	797,000	-14%
Capital Outlay	-	1,183,700	8,500	8,500	0%
Total Expenditures	\$ 929,700	\$ 2,114,500	\$ 803,300	\$ 805,500	-13%

Highlights:

Personnel Costs decreased \$4,300 due to reduction in salaries for 2 positions offset by a net increase in benefit costs.

Materials and Supplies increased \$18,400 mainly due to an \$18,700 increase in city building maintenance on Weyandt Hall offset by small decreases in computer software and water/sewer charges.

Administrative expenses decreased by \$146,800 due to a decrease in legal expenses of \$125,000 (moved to a fund expense \$25,000), and consulting fees of \$25,000 offset by an increase in contractual services of \$4,000.

Capital Outlay increased \$8,500 for piping and thermostat wiring for heat pumps in the Administrative Office Building.

Note – The requested budget included the replacement of the HVAC equipment at Weyandt Hall. Once building assessments and pricing are completed this item may be presented at a later date.

Electric T&D

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	2,652,500	2,670,900	2,689,100	2,689,100	1%
Materials & Supplies	434,600	453,600	422,600	422,600	-3%
Administrative Exp	518,600	525,300	487,900	487,900	-6%
Total Operating Exp	3,605,700	3,649,800	3,599,600	3,599,600	0%
Capital Outlay	1,975,000	2,428,000	1,725,500	1,725,500	-13%
Total Expenditures	\$ 5,580,700	\$ 6,077,800	\$ 5,325,100	\$ 5,325,100	-5%

Highlights:

Personnel costs increased \$36,600 due to step increases in accordance with the labor agreement.

Materials & Supplies decreased \$12,000 due to \$26,200 decrease in electric materials/supplies offset by an increase of \$14,000 to compensate for DAFB solar project.

Administrative Expenses decreased \$30,700 in contractual services.

Capital Outlay is for New Developments, meter test bench replacement, switchgear replacement, a pickup truck and a knuckleboom replacement.

Electric Engineering

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	941,500	924,900	923,600	926,900	-2%
Materials & Supplies	61,000	72,000	62,500	62,500	2%
Administrative Exp	245,400	306,200	237,000	237,000	-3%
Total Operating Exp	1,247,900	1,303,100	1,223,100	1,226,400	-2%
Capital Outlay	910,700	3,680,700	1,315,000	1,315,000	44%
Total Expenditures	\$ 2,158,600	\$ 4,983,800	\$ 2,538,100	\$ 2,541,400	18%

Highlights:

Personnel Costs decreased \$14,600 overall due to the retirement of an employee that was in the employee pension plan offset by wage increases for step increases and net benefit decreases.

Materials & Supplies increased by \$1,500 mainly due to an increase in computer hardware of \$10,800 which includes 3 Dell Toughbooks offset by a reduction of \$9,000 in electric materials/supplies.

Administrative Expenses decreased by \$8,400 in training, equip/radio repairs, and gasoline.

Capital Outlay includes advanced metering infrastructure, distribution upgrades, and various other projects totaling \$1,315,000.

Meter Reading

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	350,600	419,100	363,000	363,000	4%
Materials & Supplies	14,900	16,500	14,200	15,700	5%
Administrative Exp	13,100	13,900	13,800	13,800	5%
Total Operating Exp	378,600	449,500	391,000	392,500	4%
Capital Outlay	41,800	-	-	-	-100%
Total Expenditures	\$420,400	\$449,500	\$ 391,000	\$392,500	-7%

Highlights:

Personnel costs increased by \$12,400 for benefit costs.

Materials and Supplies had a net increase of \$800 due to an increase of \$1,000 for GPS installation offset by a small decrease in tools.

Administrative Expenses remained about the same with small increases in other equipment repairs/maintenance and radio repairs/maintenance.

Systems Operations

	2016-2017	2017-2018	2017-2018	2017-2018	%
	Budget	Requested	Recommended	Approved	Change
Personnel Costs	651,700	644,700	644,700	644,700	-1%
Total Expenditures	\$ 651,700	\$ 644,700	\$ 644,700	\$ 644,700	-1%

Highlights:

Personnel Costs decreased due to decreases in benefit costs offset by wage increases.

Power Plant Operations

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	3,654,000	3,598,400	3,516,900	3,516,900	-4%
Materials & Supplies	244,200	315,500	231,000	231,000	-5%
Administrative Exp	2,317,500	2,572,800	2,398,600	2,398,600	3%
Total Operating Exp	6,215,700	6,486,700	6,146,500	6,146,500	-1%
Capital Outlay	1,842,800	2,990,000	2,328,000	2,328,000	26%
Total Expenditures	\$ 8,058,500	\$ 9,476,700	\$ 8,474,500	\$ 8,474,500	5%

Highlights:

Personnel Costs decreased for wages and burden due to retirement of units 1 & 2 and the burden cost adjusted downward to be reflective of historical cost .

Materials & Supplies decreased by \$13,200 due to decreases in computer hardware, city building maintenance expense and Water/Sewer expense.

Administrative Expenses increased by \$81,100 with large variations in many line items, most notable increases of \$65,000 for Operator insurance, \$42,500 environment expenses offset by a decreases in training \$12,500 and fire protection system \$12,500.

Capital Outlay increased and includes 8 projects totaling \$2,328,000 for McKee Run and Van Sant plants.

Power Supply

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
65 Series Supply Mgmt and Incentive Fees	996,000	835,000	960,000	960,000	-4%
95 Series Purchases, Capacity, and PJM Charges	41,639,900	40,628,300	41,276,200	41,276,200	-1%
98 Fuel	302,600	1,614,600	817,400	817,400	170%
Total Expenditures	\$ 42,938,500	\$ 43,077,900	\$ 43,053,600	\$ 43,053,600	0%

Highlights:

The budget includes power supply & risk management services, estimated power supply and fuel costs for Fiscal 2018. It is recommended that the associated contractual services and legal expenses for power supply and generation be transferred into this division from the Administrative division.

Final Discussion and Wrap-Up

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

City of Dover All Funds Summary Fiscal 2018 Approved Recommended Budget

Fund or Reserve Account	Beginning Balances	Revenues/ Transfers In	Expenses/ Transfers Out	Ending Balances
General Fund				
Operating Fund	\$ 4,597,100	\$ 42,931,000	\$ (42,861,000)	\$ 4,667,100
Contingency Account	743,600	10,800	-	754,400
Capital Project Fund	412,900	2,033,300	(1,990,800)	455,400
Capital Asset Reserve	1,525,700	(399,800)	-	1,125,900
Parkland Reserve	376,300	4,900	(205,000)	176,200
Total General Fund	7,655,600	44,580,200	(45,056,800)	7,179,000
Water/Wastewater Fund				
Operating Fund	2,497,700	15,439,000	(15,118,400)	2,818,300
Contingency Account	527,800	9,600	-	537,400
I & E Fund	3,237,100	3,293,200	(3,151,400)	3,378,900
Capital Asset Reserve	1,053,200	15,300	-	1,068,500
Impact Fee Reserve	3,159,300	46,300	-	3,205,600
Total Water Fund	10,475,100	18,803,400	(18,269,800)	11,008,700
Electric Fund				
Operating Fund *	14,113,500	81,874,200	(86,183,600)	9,804,100
Contingency Account	863,500	13,800	-	877,300
Insurance Reserve	775,800	12,400	-	788,200
Rate Stabilization Reserve	10,635,500	5,370,200	-	16,005,700
I & E Fund	6,600,300	5,479,800	(6,877,000)	5,203,100
Depreciation Reserve	13,042,800	208,700	-	13,251,500
Future Capacity Reserve	13,197,700	211,200	-	13,408,900
Total Electric Fund	59,229,100	93,170,300	(93,060,600)	59,338,800
Less:				
Interfund Operating Transfers		(10,900,000)	10,900,000	
Capital and Reserve Transfers		(9,773,700)	9,773,700	
Interfund Allocations		5,376,200	(5,376,200)	
Subtotal Major Operating Funds	77,359,800	141,256,400	(141,089,700)	77,526,500
Workers Compensation	1,487,800	926,800	(739,800)	1,674,800
Community Transportation Fund	85,200	500,000	(500,000)	85,200
Police Grants	72,400	358,000	(421,500)	8,900
Library Grants	-	284,200	(284,200)	-
CDBG	2,100	216,700	(216,700)	2,100
Total All Funds & Reserves	\$ 79,007,300	\$ 143,542,100	\$ (143,251,900)	\$ 79,297,500

Notes: Special Revenue Funds with receipts that pass over to the General Fund are not individually included. These are Municipal Street Aid, Civil Traffic Penalties, and Transfer Taxes.

* The Electric Fund Revenues do not include the distribution of prior year's earnings \$6.2 million from the FY17 Beginning Budget Balance as rebated through a Power Cost Adjustment (PCA) credit; nor does it reflect \$5.2 million of FY17 projected savings that are recommended to be transferred to the Rate Stabilization Reserve until such time the Rate Design analysis is completed.

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

**GENERAL FUND
CASH RECEIPT SUMMARY**

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	4,820,414	4,493,900	5,424,800	4,597,100	103,200	2.3%
FINES AND POLICE REVENUE	659,418	763,300	605,900	746,600	(16,700)	-2.2%
LIBRARY REVENUES	67,078	70,300	98,200	100,000	29,700	42.2%
KENT COUNTY BOOK REIMBURSEMENT	352,599	312,600	269,900	300,000	(12,600)	-4.0%
BUSINESS LICENSES	1,475,794	1,467,000	1,460,000	1,467,000	-	0.0%
PERMITS AND OTHER FEES	1,756,849	1,662,100	1,771,700	1,956,000	293,900	17.7%
MISCELLANEOUS CHARGES	60,626	56,800	80,500	57,000	200	0.4%
POLICE EXTRA DUTY	559,929	525,000	525,000	500,000	(25,000)	-4.8%
PROPERTY TAXES	12,846,772	12,895,100	12,926,100	13,025,600	130,500	1.0%
RECREATION REVENUE	183,174	150,000	177,700	150,000	-	0.0%
FRANCHISE FEE	684,540	680,000	686,700	688,100	8,100	1.2%
SANITATION FEES	2,527,478	2,538,300	2,513,300	3,080,400	542,100	21.4%
RENT REVENUE - GARRISON FARM	93,858	94,500	95,700	96,900	2,400	2.5%
COURT OF CHANCERY FEES	1,239,300	1,100,000	1,305,600	1,350,000	250,000	22.7%
INVESTMENT INCOME	171,806	90,000	148,400	138,000	48,000	53.3%
RECEIPTS SUBTOTAL	22,679,221	22,405,000	22,664,700	23,655,600	1,250,600	5.6%
INTERFUND SERVICE RECEIPTS						
INTERFUND SERVICE RECEIPTS W/WW	1,426,018	1,653,800	1,673,400	1,716,100	62,300	3.8%
INTERFUND SERVICE RECEIPTS ELECTRIC	3,640,969	3,564,900	3,625,900	3,660,100	95,200	2.7%
INTERFUND SERVICE RECEIPTS SUBTOTAL	5,066,987	5,218,700	5,299,300	5,376,200	157,500	3.0%
GRANTS:						
POLICE RELATED/EXTRA DUTY	159,017	258,600	258,600	60,000	(198,600)	-76.8%
POLICE PENSION GRANT	415,128	500,000	415,200	415,000	(85,000)	-17.0%
GREEN ENERGY GRANT	98,500	98,500	98,500	98,500	-	0.0%
MISC GRANT REVENUE	8,933	25,000	3,800	25,000	-	0.0%
CABLE FRANCHISE GRANT	50,000	-	-	-	-	0.0%
HISTORIC DISTRICT GRANT	-	-	-	6,500	6,500	0.0%
GRANTS SUBTOTAL	731,578	882,100	776,100	605,000	(277,100)	-31.4%
TRANSFERS FROM:						
TRANSFER TAX	2,188,634	1,672,700	1,457,000	1,209,300	(463,400)	-27.7%
MUNICIPAL STREET AID	673,377	673,100	673,100	673,100	-	0.0%
CIVIL TRAFFIC PENALTIES	468,793	496,900	470,000	511,800	14,900	3.0%
WATER/WASTEWATER	850,000	875,000	875,000	900,000	25,000	2.9%
ELECTRIC	10,000,000	10,000,000	10,000,000	10,000,000	-	0.0%
OTHER RESERVES	15,911	-	-	-	-	0.0%
TRANSFERS FROM SUBTOTAL	14,196,715	13,717,700	13,475,100	13,294,200	(423,500)	-3.1%
TOTAL REVENUES	42,674,501	42,223,500	42,215,200	42,931,000	707,500	1.7%
TOTAL BEGINNING BALANCE & REVENUE	47,494,915	46,717,400	47,640,000	47,528,100	810,700	1.7%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

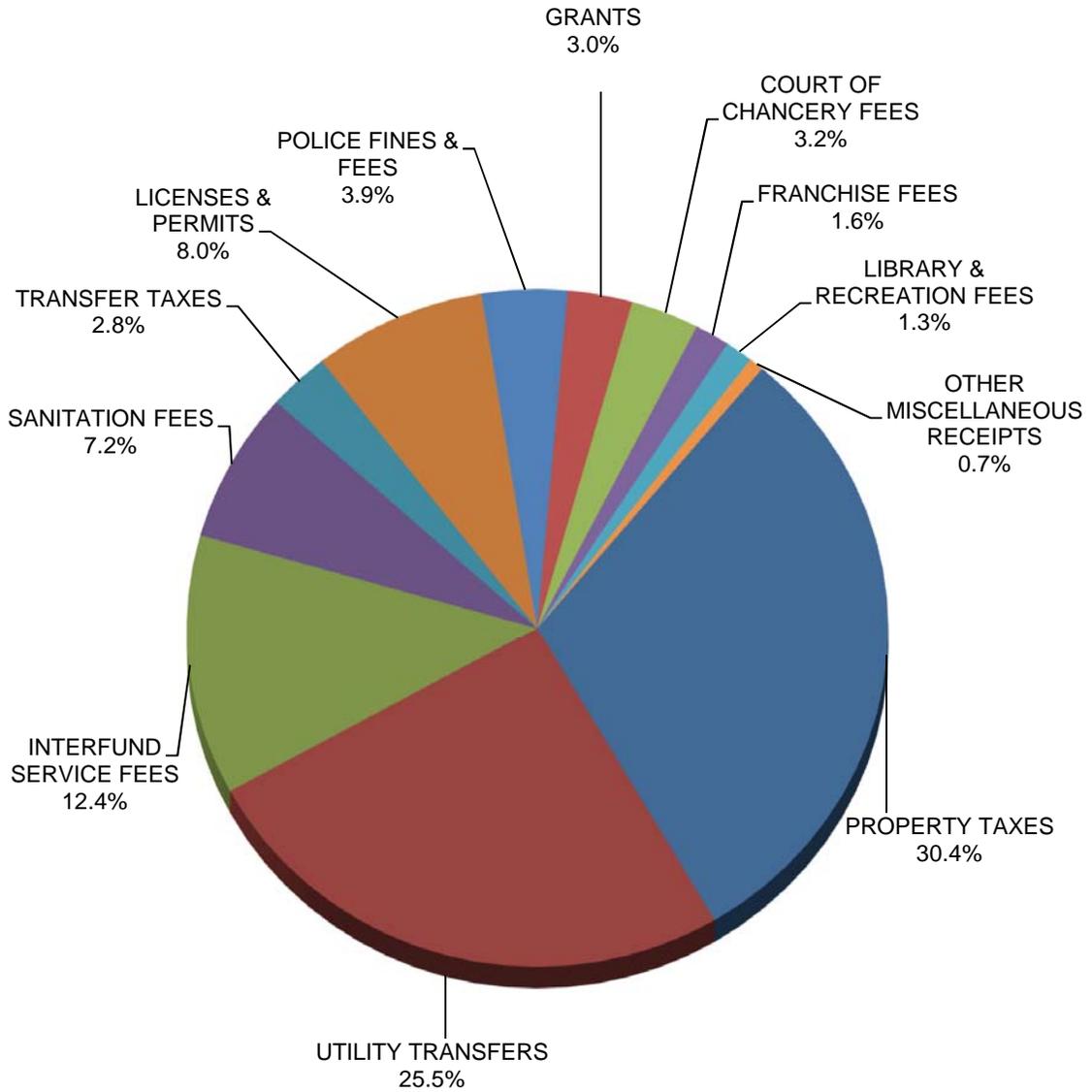
**GENERAL FUND
EXPENSE SUMMARY**

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
DEPARTMENT EXPENSES:						
CITY CLERK	370,101	412,300	416,200	436,700	24,400	5.9%
COUNCIL	100,129	141,100	141,100	155,100	14,000	9.9%
TAX ASSESSOR	237,364	244,000	247,400	238,500	(5,500)	-2.3%
FIRE	686,947	721,700	721,700	774,900	53,200	7.4%
GROUNDS MAINTENANCE	1,056,855	1,201,300	1,201,300	1,142,000	(59,300)	-4.9%
LIBRARY	1,430,640	1,635,000	1,666,700	1,708,300	73,300	4.5%
RECREATION	713,462	750,900	757,300	764,200	13,300	1.8%
LIFE SAFETY	491,402	485,200	488,200	499,600	14,400	3.0%
CODE ENFORCEMENT	396,097	421,100	425,100	449,700	28,600	6.8%
PLANNING	516,303	546,800	552,800	563,400	16,600	3.0%
INSPECTIONS	726,661	697,900	701,000	721,000	23,100	3.3%
ECONOMIC DEVELOPMENT	240,057	-	-	-	-	0.0%
POLICE	15,951,661	16,091,600	16,298,300	16,483,900	392,300	2.4%
POLICE EXTRA DUTY	683,859	783,600	804,500	560,000	(223,600)	-28.5%
STREETS	667,574	1,163,500	1,166,100	1,119,400	(44,100)	-3.8%
SANITATION	2,093,043	2,032,800	2,036,400	2,563,900	531,100	26.1%
CITY MANAGER	917,201	792,400	796,400	751,500	(40,900)	-5.2%
INFORMATION TECHNOLOGY	603,226	716,300	720,000	777,400	61,100	8.5%
FINANCE	979,550	1,011,100	1,017,600	1,038,900	27,800	2.7%
PUBLIC WORKS - ADMINISTRATION	552,815	680,000	682,300	718,300	38,300	5.6%
FACILITIES MANAGEMENT	665,827	607,100	610,500	629,700	22,600	3.7%
PUBLIC WORKS - ENGINEERING	166,579	207,000	207,000	277,700	70,700	34.2%
PROCUREMENT & INVENTORY	558,220	585,100	585,100	605,100	20,000	3.4%
FLEET MAINTENANCE	791,913	776,300	777,600	838,200	61,900	8.0%
CUSTOMER SERVICE	1,037,886	1,143,800	1,244,300	1,169,500	25,700	2.2%
HUMAN RESOURCES	366,812	392,500	401,400	436,600	44,100	11.2%
MAYOR	74,861	74,000	74,000	119,300	45,300	61.2%
DEPARTMENT SUBTOTALS	33,077,045	34,314,400	34,740,300	35,542,800	1,228,400	3.6%
OTHER EXPENDITURES:						
DEBT SERVICE	672,389	685,300	685,300	443,100	(242,200)	-35.3%
CONTRIBUTION TO DDP	70,000	150,000	150,000	150,000	-	0.0%
MISCELLANEOUS GRANT RELATED EXP	-	25,000	25,000	25,000	-	0.0%
INSURANCE	680,148	700,000	700,000	735,000	35,000	5.0%
RETIRES HEALTH CARE	1,567,700	2,039,700	2,039,700	2,063,000	23,300	1.1%
OTHER EMPLOYMENT EXPENSES	-	400,700	95,800	367,500	(33,200)	-8.3%
BANK & CREDIT CARD FEES	7,346	15,000	15,000	21,000	6,000	40.0%
UNCOLLECTIBLES - TRASH AND OTHER	350,000	50,000	50,000	100,000	50,000	100.0%
STREET LIGHTS	804,246	804,000	804,000	810,000	6,000	0.7%
NEW PROPERTIES ACQUISITIONS	240,362	-	-	-	-	0.0%
OTHER EXPENSE SUBTOTAL	4,392,191	4,869,700	4,564,800	4,714,600	(155,100)	-3.2%
TRANSFERS						
TRANSFER TO CAPITAL ASSET RESERVE	229,600	-	253,400	-	-	0.0%
TRANSFER TO CAPITAL FUND - PROJECTS	2,625,400	1,859,400	2,304,400	1,368,700	(490,700)	-26.4%
APPROP. TO THE POLICE PENSION FUND	415,128	670,000	670,000	761,500	91,500	13.7%
APPROP. POLICE PENSION - STATE GRANT	676,500	500,000	500,000	415,000	(85,000)	-17.0%
APPROP. TO THE GENERAL PENSION FUND	594,300	-	-	48,400	48,400	0.0%
TRANSFER TO OTHER/CABLE FRANCHISE RESV	50,000	-	-	-	-	0.0%
TRANSFER TO INVENTORY WRITE-OFFS	10,000	10,000	10,000	10,000	-	0.0%
TRANSFERS SUBTOTAL	4,600,928	3,039,400	3,737,800	2,603,600	(435,800)	-14.3%
TOTAL EXPENDITURES	42,070,164	42,223,500	43,042,900	42,861,000	637,500	1.5%
BUDGET BALANCE	5,424,751	4,493,900	4,597,100	4,667,100	173,200	3.9%
TOTAL BUDGET BALANCE & EXPENDITURES	47,494,915	46,717,400	47,640,000	47,528,100	810,700	1.7%

EXCEEDS/(REMAINS)TO MEET REQUIREMENT **2,010,800** **1,116,000** **1,219,900** **1,232,600**

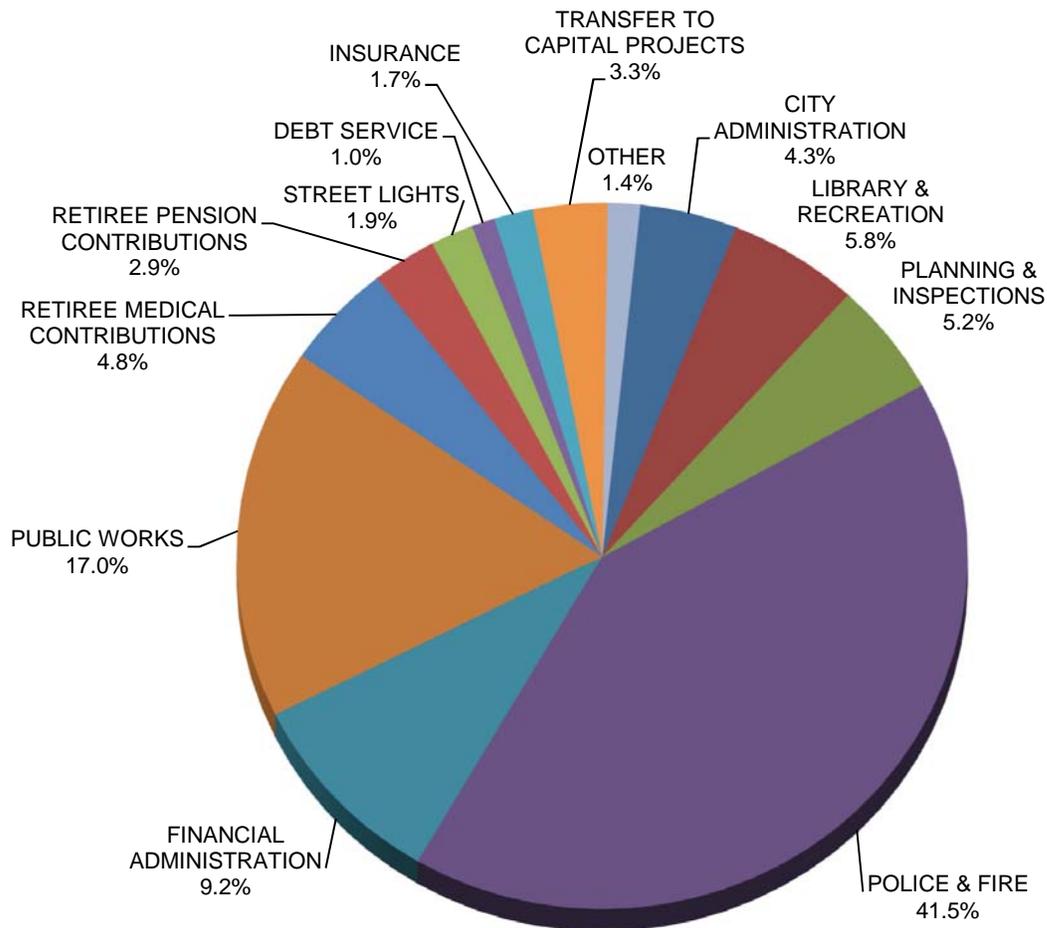
	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
RESERVE BALANCES						
CONTINGENCY	732,833	741,000	743,600	754,400	13,400	\$700K

Fiscal Year 2017/2018 General Fund Revenue



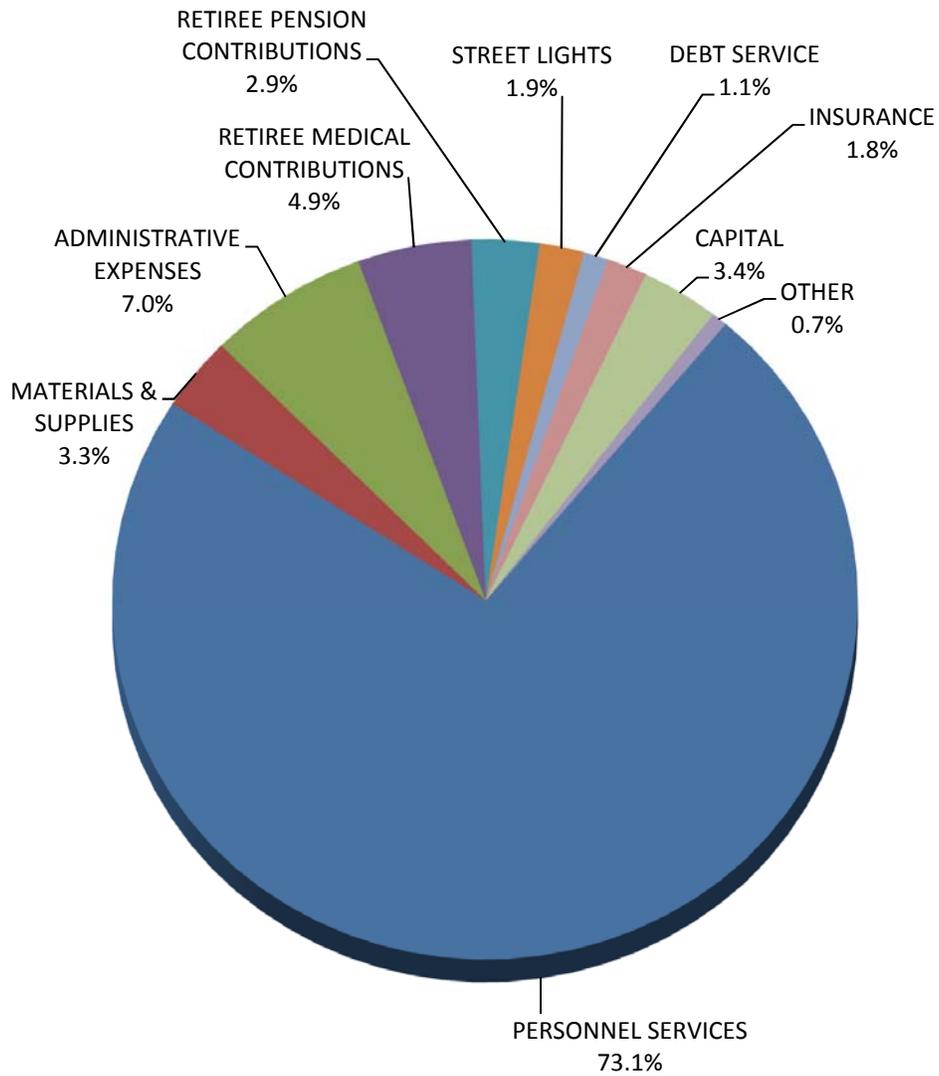
Fiscal Year 2017/2018 General Fund Expenditures

By Major Function



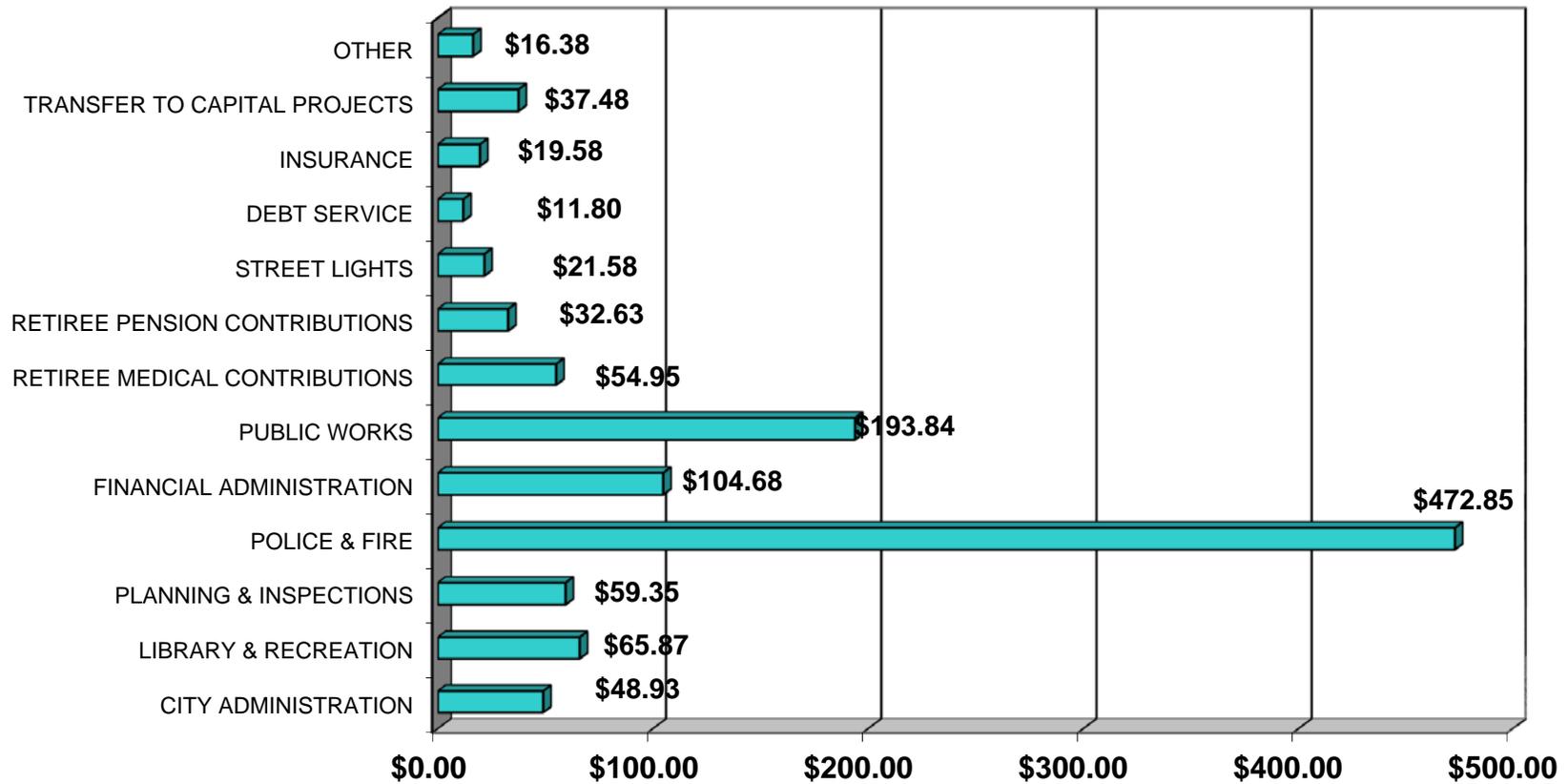
Several General Fund Departments service all City operations. The General Fund bills the utility funds services provided. The receipts are reported as revenue in the General Fund and not netted against the expenditures.

Fiscal Year 2017/2018 General Fund Expenditures By Expenditure Category



FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

PROJECTED COST PER CAPITA BY FUNCTION Fiscal Year 2017-2018



Total per capita based on population estimate of 37,540 = \$1,139.93

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

GOVERNMENTAL CAPITAL PROJECTS FUND SUMMARY

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE - PROJECTS	2,926,738	383,900	1,472,100	412,900	29,000	7.6%
REVENUES						
STATE GRANTS - Other	63,890	105,000	31,400	33,000	(72,000)	-68.6%
INCOME FROM SALE OF ASSETS	180,401	-	70,100	-	-	0.0%
MISCELLANEOUS RECEIPTS	77,663	-	16,700	-	-	0.0%
INTEREST EARNINGS	5,427	5,000	13,600	8,300	3,300	66.0%
TRANSFER FROM GENERAL FUND	2,625,400	1,859,400	2,304,400	1,368,700	(490,700)	-26.4%
TRANSFER FROM COM TRANSP FUND	-	-	-	-	-	0.0%
TRANSFER FROM MUNICIPAL STREET AID - CAPI	-	-	-	-	-	0.0%
TRANSFER FROM PARKLAND RESERVE	-	80,000	-	205,000	125,000	156.3%
TRANSFER FROM CAPITAL ASSET RESERVE	-	-	-	418,300	418,300	0.0%
TRANSFER FROM CABLE FRANCHISE RESV	-	-	155,400	-	-	0.0%
SUBTOTAL CAPITAL PROJECT FUNDING SOURCE	2,952,781	2,049,400	2,591,600	2,033,300	(16,100)	-0.8%
TOTAL FUNDING SOURCES	2,952,781	2,049,400	2,591,600	2,033,300	(16,100)	-0.8%
TOTAL BEGINNING BALANCE & FUNDING SOURCE	5,879,519	2,433,300	4,063,700	2,446,200	12,900	0.5%
EXPENDITURES						
CITY CLERK	-	-	155,400	-	-	0.0%
TAX ASSESSOR	-	-	-	-	-	0.0%
FIRE	445,594	145,700	145,700	145,700	-	0.0%
GROUNDS	68,352	58,200	153,800	62,500	4,300	7.4%
LIBRARY	-	-	15,000	-	-	0.0%
RECREATION	70,514	165,000	-	271,000	106,000	64.2%
LIFE SAFETY	56,411	29,500	29,500	-	(29,500)	-100.0%
CODE ENFORCEMENT	-	-	-	-	-	0.0%
PLANNING	-	-	-	-	-	0.0%
INSPECTIONS	-	-	-	-	-	0.0%
POLICE	268,501	299,800	299,800	379,900	80,100	26.7%
STREETS	2,918,713	1,026,000	1,988,600	1,070,000	44,000	4.3%
SANITATION	402,484	261,500	261,500	-	(261,500)	-100.0%
CITY MANAGER	-	-	502,800	-	-	0.0%
INFORMATION TECHNOLOGY	-	-	-	36,600	36,600	0.0%
FACILITIES MANAGEMENT	-	27,700	27,700	25,100	(2,600)	-9.4%
FLEET MAINTENANCE	84,234	31,000	31,000	-	(31,000)	-100.0%
DEPARTMENT SUBTOTAL	4,314,803	2,044,400	3,610,800	1,990,800	(53,600)	-2.6%
TRANSFERS & MISCELLANEOUS EXPENSES						
TRANSFER TO PARKLAND RESERVE	-	-	40,000	-	-	0.0%
TRANSFER TO CAPITAL ASSET RESERVE	92,700	-	-	-	-	0.0%
TRANSFERS & MISCELLANEOUS SUBTOTAL	92,700	-	40,000	-	-	0.0%
TOTAL EXPENDITURES	4,407,503	2,044,400	3,650,800	1,990,800	(53,600)	-2.6%
BUDGET BALANCE	1,472,016	388,900	412,900	455,400	66,500	17.1%
TOTAL BUDGET BALANCE & EXPENDITURES	5,879,519	2,433,300	4,063,700	2,446,200	12,900	0.5%

	2015/16 ACTUAL	ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
RESERVE BALANCES						
CAPITAL ASSET RESERVE	1,253,780	1,266,300	1,525,700	1,125,900	(140,400)	Min \$500K
PARKLAND/RECREATION	326,364	247,900	376,300	176,200	(71,700)	N/A

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

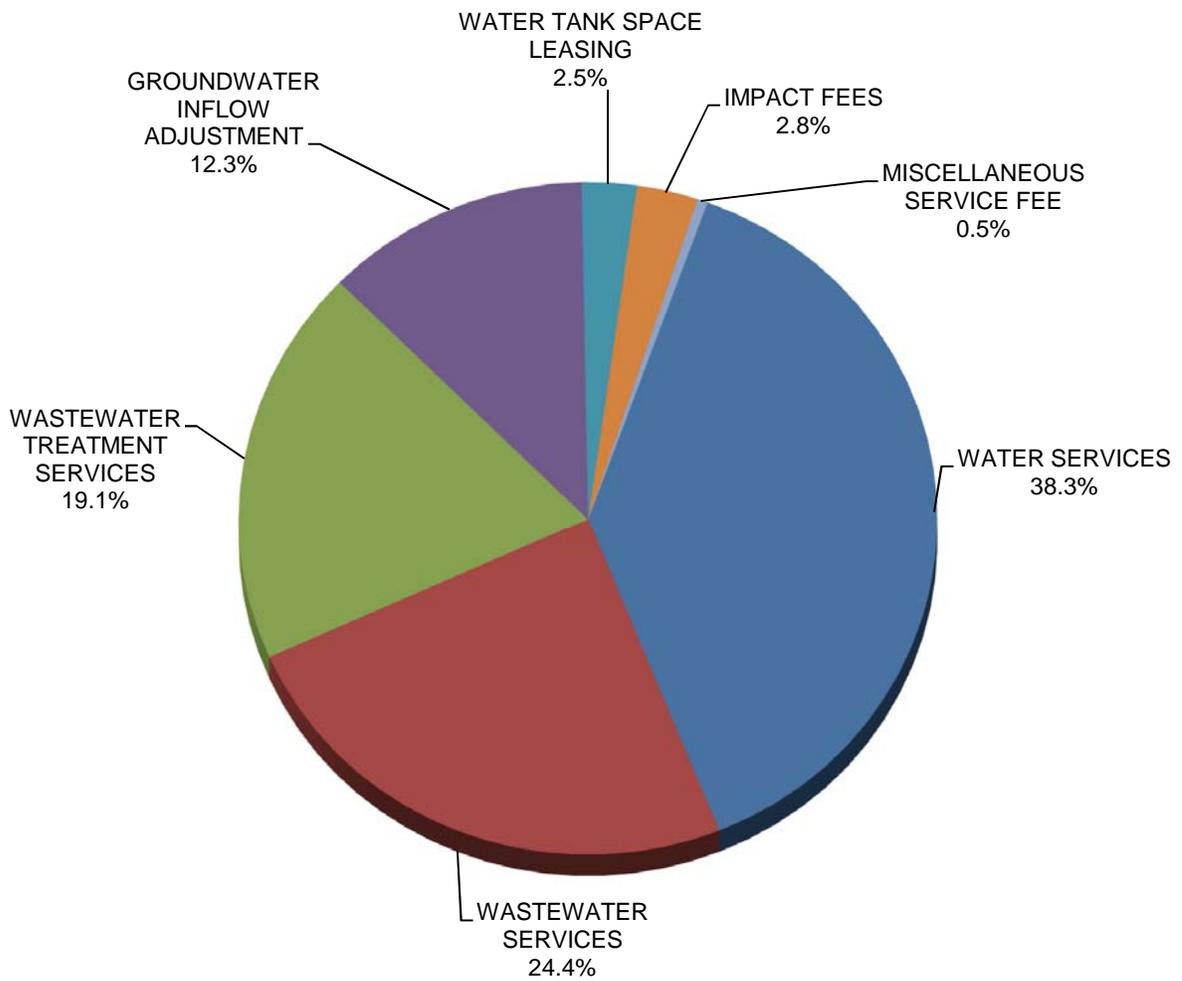
WATER/WASTEWATER FUND SUMMARY

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE - WATER	1,072,915	566,500	881,300	1,330,900	764,400	134.9%
BEGINNING BALANCE - WASTEWATER	206,894	663,200	719,200	1,166,800	503,600	75.9%
TOTAL BEGINNING BALANCES	1,279,809	1,229,700	1,600,500	2,497,700	1,268,000	103.1%
BASE REVENUE:						
WATER SERVICES	5,457,061	5,800,000	5,716,600	5,914,600	114,600	2.0%
WASTEWATER SERVICES	3,745,497	3,800,000	3,724,000	3,768,000	(32,000)	-0.8%
WASTEWATER TREATMENT SERVICES	2,936,831	3,000,000	2,940,000	2,952,900	(47,100)	-1.6%
GROUNDWATER INFLOW ADJUSTMENT	1,878,057	1,938,000	1,879,900	1,899,700	(38,300)	-2.0%
WATER TANK SPACE LEASING	337,989	366,200	366,200	391,400	25,200	6.9%
WATER IMPACT FEES	238,030	252,000	584,000	231,000	(21,000)	-8.3%
WASTEWATER IMPACT FEES	207,516	228,000	519,600	209,000	(19,000)	-8.3%
INTEREST - WATER	2,171	10,000	5,700	5,700	(4,300)	-43.0%
INTEREST - WASTEWATER	2,170	10,000	5,700	5,700	(4,300)	-43.0%
MISCELLANEOUS SERVICE FEE	69,555	63,000	74,400	61,000	(2,000)	-3.2%
TOTAL REVENUES	14,874,877	15,467,200	15,816,100	15,439,000	(28,200)	-0.2%
TOTAL BEGINNING BALANCE & REVENUES	16,154,686	16,696,900	17,416,600	17,936,700	1,239,800	7.4%
DIRECT EXPENSES:						
ENGINEERING & INSPECTION	499,239	516,500	521,900	517,800	1,300	0.3%
WATER DEPARTMENT	618,876	655,400	677,400	635,700	(19,700)	-3.0%
WASTEWATER DEPARTMENT	774,075	962,400	983,500	962,800	400	0.0%
WATER TREATMENT PLANT	1,647,253	1,727,400	1,736,800	1,780,500	53,100	3.1%
DIRECT EXPENDITURE SUBTOTAL	3,539,443	3,861,700	3,919,600	3,896,800	35,100	0.9%
OTHER EXPENSES:						
DEBT SERVICE - WATER	516,941	590,300	590,300	524,600	(65,700)	-11.1%
DEBT SERVICE - WASTEWATER	608,966	636,900	636,900	612,800	(24,100)	-3.8%
RETIREEES HEALTH CARE	60,200	192,400	192,400	242,200	49,800	25.9%
OTHER EMPLOYMENT EXPENSES	-	21,200	3,300	25,900	4,700	22.2%
OPEB UNFUNDED LIABILITY	-	-	101,800	-	-	0.0%
KENT COUNTY TREATMENT CHARGE	3,894,341	4,130,000	4,130,000	3,926,500	(203,500)	-4.9%
INTERFUND SERVICE FEES	1,426,018	1,653,800	1,673,400	1,716,100	62,300	3.8%
BANK & CREDIT CARD FEES	23,559	25,000	25,000	26,000	1,000	4.0%
BOND ISSUANCE COSTS	-	40,000	40,000	40,000	-	0.0%
OTHER EXPENSES SUBTOTAL	6,530,025	7,289,600	7,393,100	7,114,100	(175,500)	-2.4%
TRANSFER TO:						
GENERAL FUND FROM WATER	550,000	500,000	500,000	500,000	-	0.0%
GENERAL FUND FROM WASTEWATER	300,000	375,000	375,000	400,000	25,000	6.7%
WATER IMP AND EXT	1,800,000	1,000,000	980,000	1,600,000	600,000	60.0%
WASTEWATER IMP AND EXT	1,500,000	1,000,000	980,000	1,600,000	600,000	60.0%
CONTINGENCY RESERVE WATER	32,000	110,000	131,100	-	(110,000)	-100.0%
CONTINGENCY RESERVE WASTEWATER	-	60,000	60,000	-	(60,000)	-100.0%
ELECTRIC IMP AND EXT	-	231,200	231,200	-	(231,200)	-100.0%
GENERAL EMPLOYEES PENSION	248,400	-	-	7,500	7,500	0.0%
TRANSFER TO SUBTOTAL	4,484,789	3,276,200	3,257,300	4,107,500	831,300	25.4%
TOTAL EXPENSES	14,554,257	14,427,500	14,570,000	15,118,400	690,900	4.8%
BUDGET BALANCES						
BUDGET BALANCE WATER	881,297	1,103,100	1,330,900	1,575,600	472,500	42.8%
BUDGET BALANCE WASTEWATER	719,132	1,166,300	1,166,800	1,242,700	76,400	6.6%
BUDGET BALANCE SUBTOTALS	1,600,429	2,269,400	2,497,700	2,818,300	548,900	24.2%
TOTAL BUDGET BALANCES & EXPENSES	16,154,686	16,696,900	17,067,700	17,936,700	1,239,800	7.4%
EXCEEDS/(REMAINS)TO MEET REQMNT	1,600,429	1,032,000	1,232,400	1,583,100		

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 BUDGET	\$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
RESERVE BALANCES						
CONTINGENCY - WATER	117,894	249,000	251,600	255,100	6,100	\$250K
CONTINGENCY - WATER/WASTEWATER	214,629	253,100	276,200	282,300	29,200	\$250K

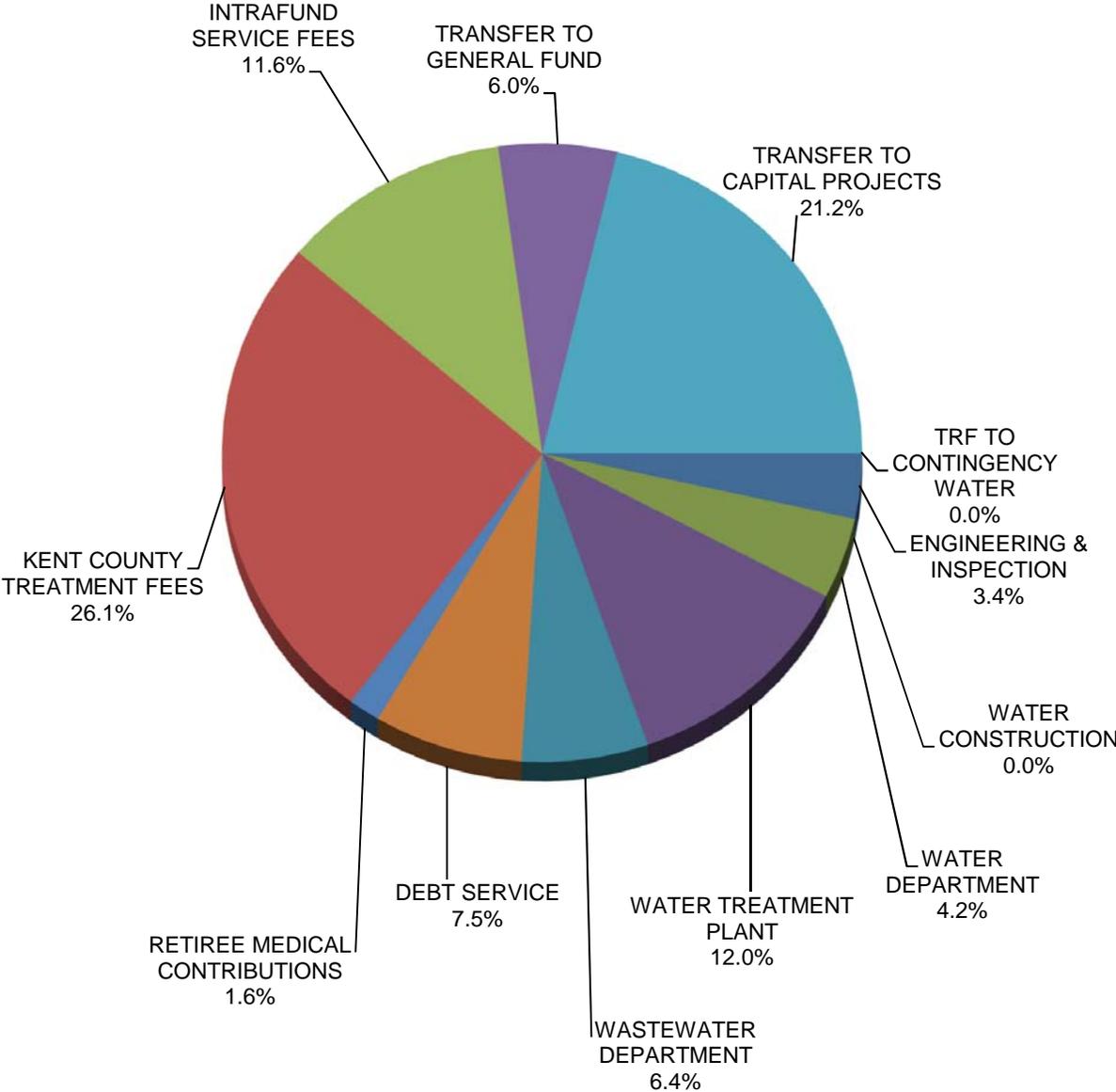
Fiscal Year 2017/2018 Water/Wastewater Fund

Revenue



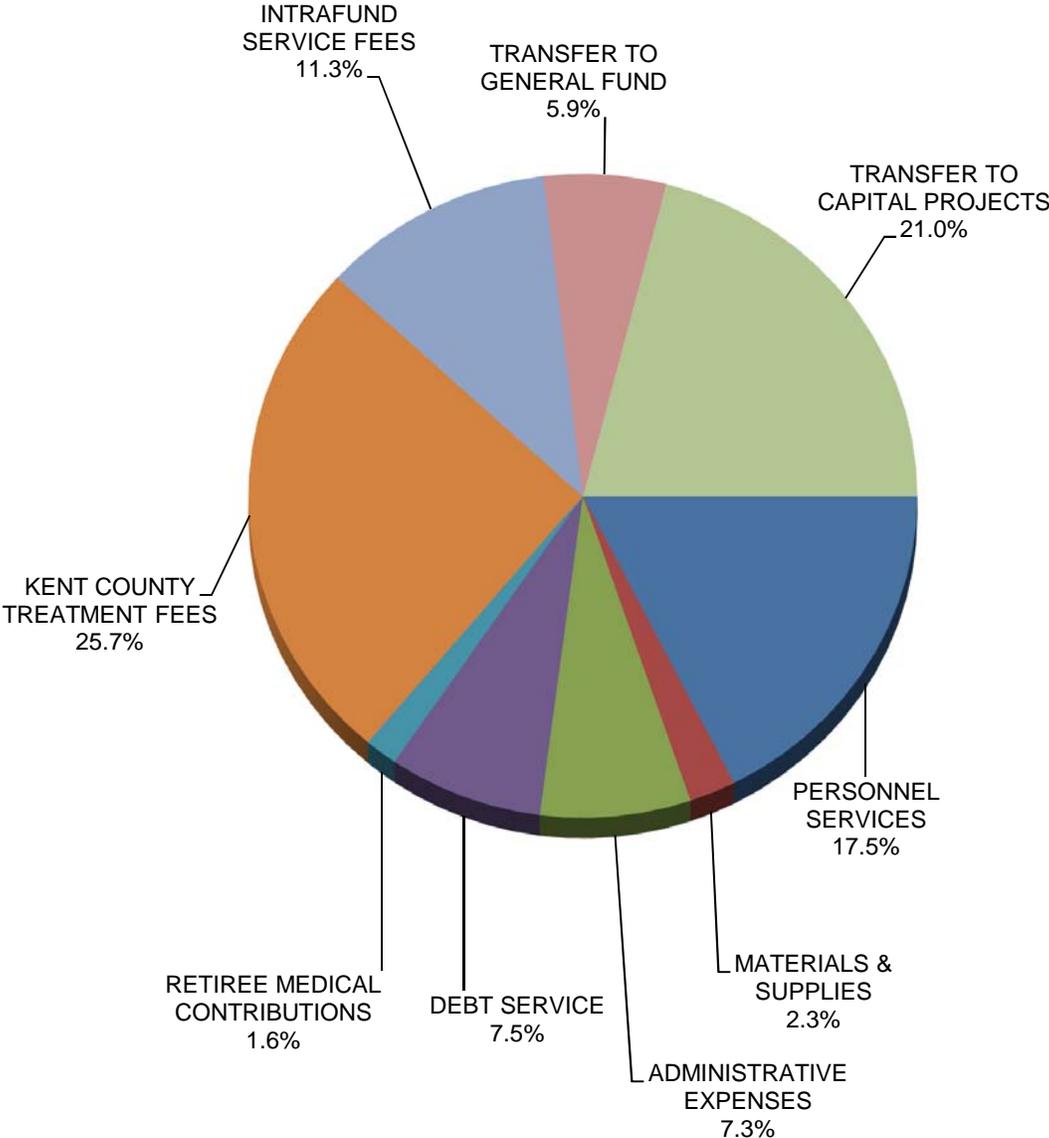
2017/2018 Budget Water/Wastewater Fund Expenses

By Major Function



2017/2018 Budget Water/Wastewater Fund Expenses

By Expense Category



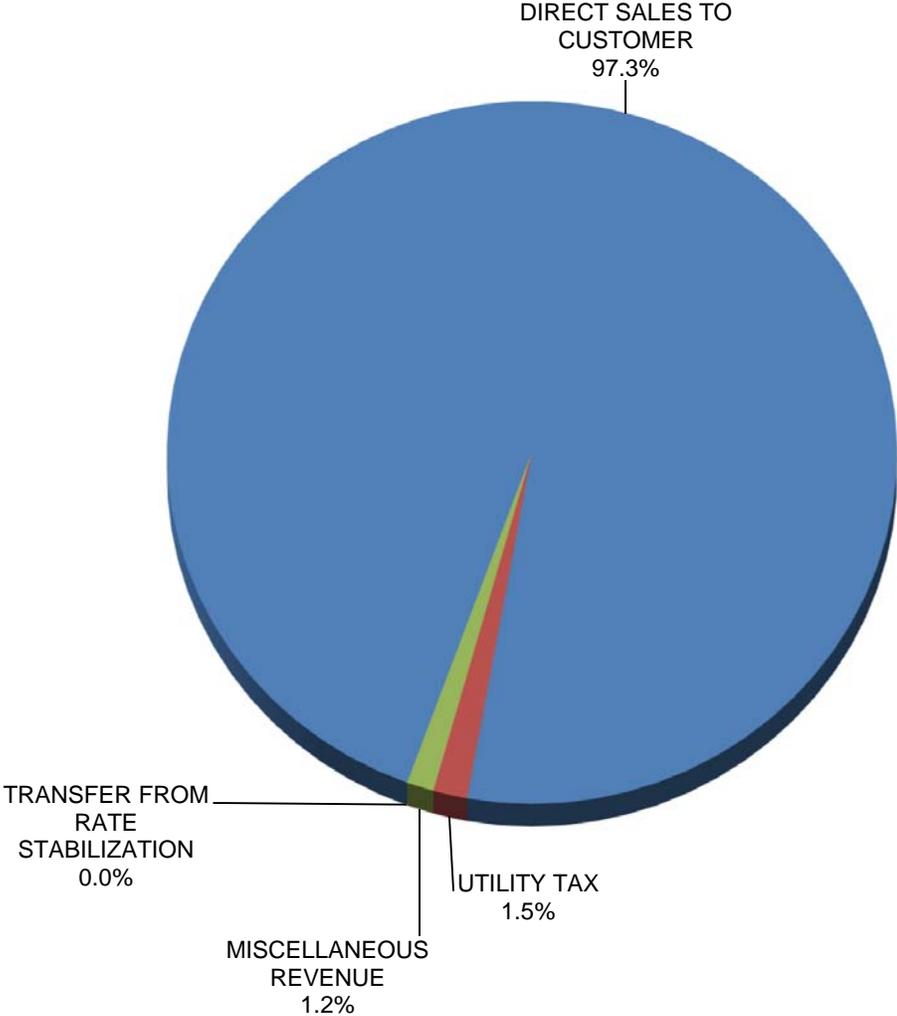
FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

WATER/WASTEWATER IMPROVEMENT & EXTENSION FUND SUMMARY

	2015/16	2016/17	2016/17	2017/18	\$ DIFFERENCE	
	ACTUAL	ORIGINAL APPROVED	PROJECTED	APPROVED	FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE - WATER	4,990,310	1,179,900	3,584,500	2,042,000	862,100	73.1%
BEGINNING BALANCE - WASTEWATER	4,551,722	952,600	3,129,800	1,195,100	242,500	25.5%
TOTAL BEGINNING BALANCES	9,542,032	2,132,500	6,714,300	3,237,100	1,104,600	51.8%
REVENUES						
STATE LOAN FUND - WATER	-	2,400,000	2,400,000	-	(2,400,000)	-100.0%
STATE LOAN FUND - WASTEWATER	-	884,000	884,000	-	(884,000)	-100.0%
TRANS FR OPERATING FUND - WATER	1,800,000	1,000,000	980,000	1,600,000	600,000	60.0%
TRANS FR OPERATING FUND - WW	1,500,000	1,000,000	980,000	1,600,000	600,000	60.0%
TRANSFER FR WATER IMPACT FEE	20,800	190,800	190,800	-	(190,800)	-100.0%
TRANSFER FR WASTEWATER IMPACT FEE	-	211,200	211,200	-	(211,200)	-100.0%
FEDERAL/STATE GRANTS	18,952	-	-	-	-	0.0%
PROCEEDS FROM SALE OF ASSETS	16,479	-	-	-	-	0.0%
INTEREST INCOME	119,442	20,000	92,000	93,200	73,200	366.0%
MISCELLANEOUS RECEIPTS	70,247	-	-	-	-	0.0%
TOTAL REVENUES	3,545,920	5,706,000	5,738,000	3,293,200	(2,412,800)	-42.3%
TOTAL BEGINNING BALANCES & REVENUES	13,087,952	7,838,500	12,452,300	6,530,300	(1,308,200)	-16.7%
EXPENSES						
W/WW ENGINEERING	-	30,400	30,400	-	(30,400)	-100.0%
WATER	1,810,487	1,338,800	3,908,100	1,608,400	269,600	20.1%
WASTEWATER	3,045,887	2,021,200	4,004,700	1,543,000	(478,200)	-23.7%
WATER TREATMENT PLANT	246,052	1,200,000	1,200,000	-	(1,200,000)	-100.0%
TRANSFER TO IMPACT FEE RESV - WW	1,271,343	-	-	-	-	0.0%
TOTAL EXPENSES	6,373,769	4,590,400	9,143,200	3,151,400	(1,439,000)	-31.3%
BUDGET BALANCE - WATER	3,584,464	2,226,700	2,042,000	2,080,200	(146,500)	-6.6%
BUDGET BALANCE - WASTEWATER	3,129,719	1,021,400	1,195,100	1,298,700	277,300	27.1%
TOTAL ENDING BUDGET BALANCES	6,714,183	3,248,100	3,237,100	3,378,900	130,800	4.0%
TOTAL BUDGET BALANCES & EXPENSES	13,087,952	7,838,500	12,380,300	6,530,300	(1,308,200)	-16.7%
RESERVE BALANCES						
	2015/16	2016/17	2016/17	2017/18	\$ DIFFERENCE	
	ACTUAL	ORIGINAL APPROVED	PROJECTED	APPROVED	FY18 VS FY17 BUDGET	POLICY
CAPITAL ASSET RESERVE-WATER	519,543	518,500	527,200	534,900	16,400	MIN \$500K
CAPITAL ASSET RESERVE-WASTEWATER	518,354	517,300	526,000	533,600	16,300	MIN \$500K
IMPACT FEE RESERVE - WATER	434,156	243,200	249,800	254,000	10,800	20% of Rev.
IMPACT FEE RESERVE - WASTEWATER	3,075,416	1,391,800	2,909,500	2,951,600	1,559,800	20% of Rev.

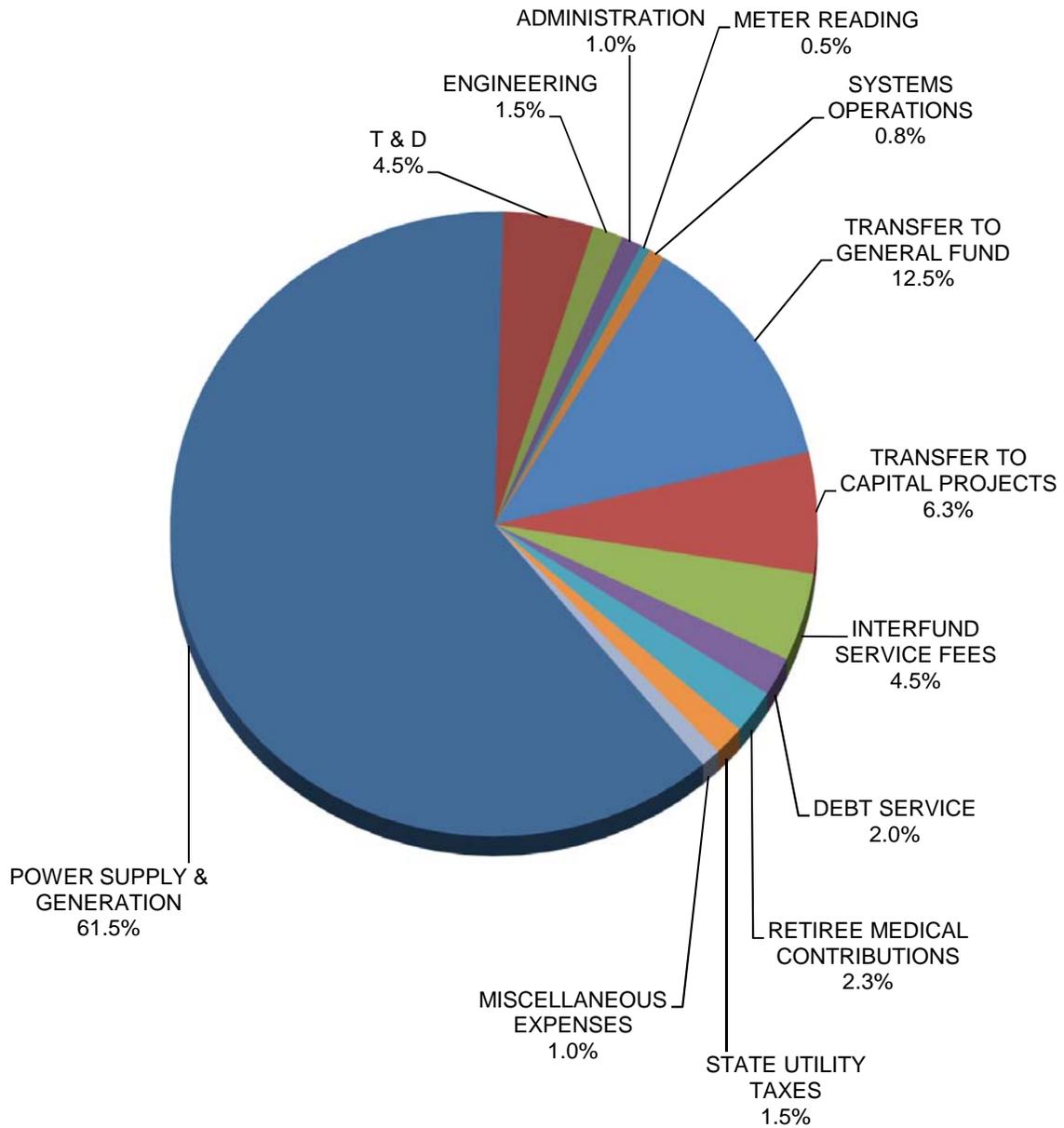
Electric Fund Fiscal Year 2017/2018

Revenue



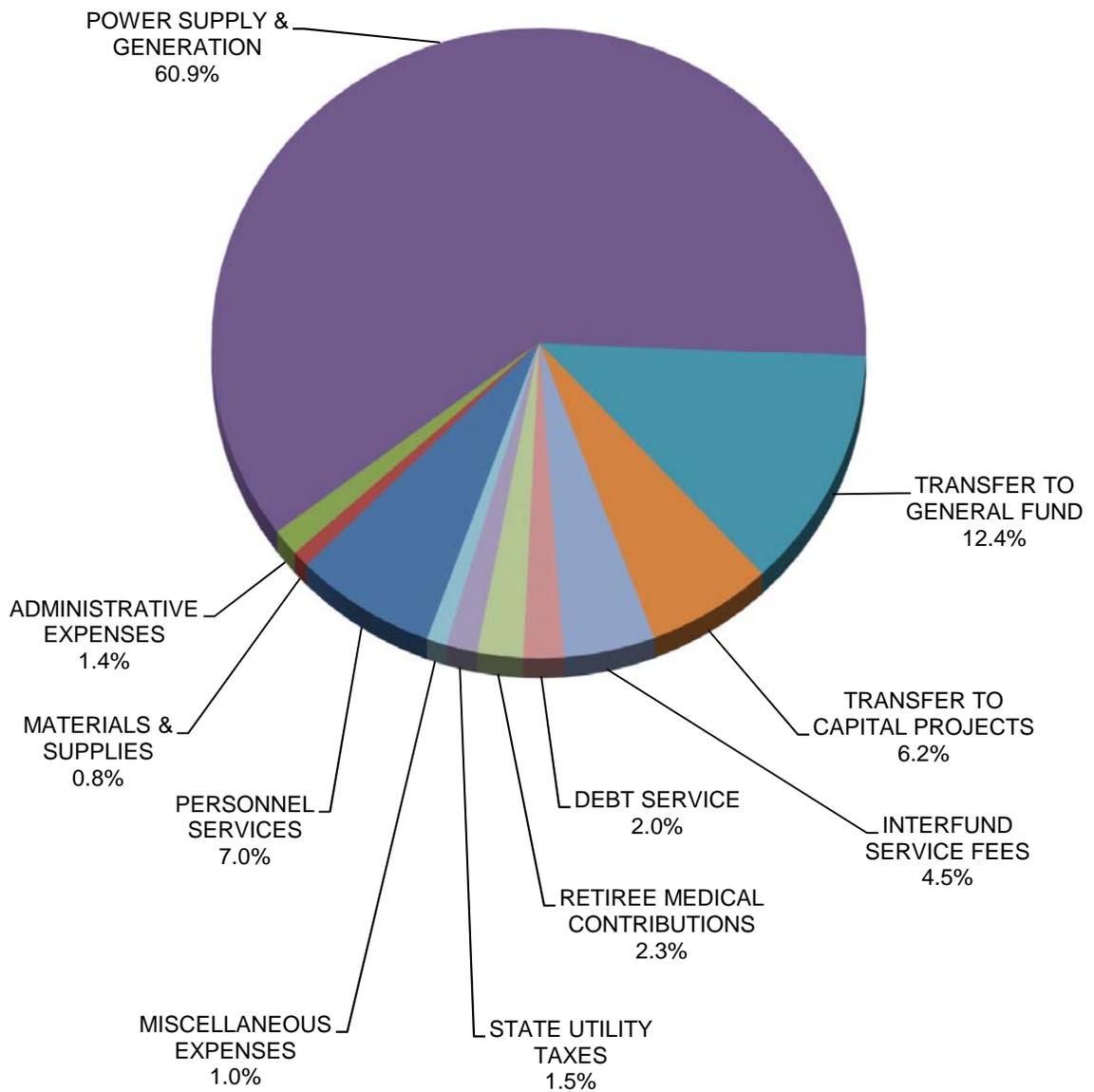
Electric Fund Fiscal Year 2017/2018

Expense by Function



FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

Electric Fund Fiscal Year 2017/2018 Expense by Category



FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

ELECTRIC IMPROVEMENT & EXTENSION FUND SUMMARY

	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	7,095,270	5,540,500	9,314,400	6,600,300	1,059,800	19.1%
REVENUES						
TRANSFER FROM ELECTRIC	3,665,375	2,500,000	2,500,000	5,000,000	2,500,000	100.0%
TRANSFER FROM WATER/WASTEWATER	-	231,200	231,200	-	(231,200)	-100.0%
TRANSFER FROM GENERAL FUND	-	-	-	-	-	0.0%
BOND ISSUE PROCEEDS	1,942,628	-	-	-	-	0.0%
GENERAL SERVICE BILLING	327,453	900,000	900,000	370,000	(530,000)	-58.9%
DEVELOPMENT GRANTS	-	5,000	5,000	-	(5,000)	-100.0%
INCOME FROM SALE OF ASSETS	6,200	-	28,000	-	-	0.0%
INTEREST EARNINGS	92,608	40,000	105,300	109,800	69,800	174.5%
TOTAL REVENUES	6,034,264	3,676,200	3,769,500	5,479,800	1,803,600	49.1%
TOTALS	13,129,534	9,216,700	13,083,900	12,080,100	2,863,400	31.1%
EXPENSES						
ELECTRIC ADMINISTRATION	-	-	23,000	8,500	8,500	0.0%
ELECTRIC GENERATION	964,880	1,842,800	2,389,100	2,328,000	485,200	26.3%
TRANSMISSION AND DISTRIBUTION	1,109,450	1,975,000	2,175,000	1,725,500	(249,500)	-12.6%
ELECTRICAL ENGINEERING	1,740,853	910,700	1,731,700	1,315,000	404,300	44.4%
METER READING	-	41,800	64,800	-	(41,800)	-100.0%
ERP SYSTEM	-	1,000,000	100,000	1,500,000	500,000	50.0%
TOTAL EXPENSES	3,815,183	5,770,300	6,483,600	6,877,000	1,106,700	19.2%
BUDGET BALANCE	9,314,351	3,446,400	6,600,300	5,203,100	1,756,700	51.0%
TOTAL BUDGET BALANCE & EXPENSES	13,129,534	9,216,700	13,083,900	12,080,100	2,863,400	31.1%
<hr/>						
	2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
RESERVE BALANCES						
DEPRECIATION RESERVE	10,130,667	10,910,200	13,042,800	13,251,500	2,341,300	Min \$10M
FUTURE CAPACITY RESERVE	10,283,292	10,961,700	13,197,700	13,408,900	2,447,200	Min \$10M



CHARTER ART. IV,
SECTION 44, &
FINANCIAL POLICIES



Sec. 44. - Annual budget.

On or before the second Monday of May of each year, the city manager shall prepare and submit to the council, a budget, presenting a financial plan for conducting the affairs of the city for the ensuing fiscal year. The total of proposed expenditures shall not exceed the total of anticipated income.

The budget shall include the following information:

1. A detailed statement showing the expenses of conducting each department and office of the city for the current year and last preceding fiscal year.
2. A detailed estimate of the expenses of conducting each department and office of the city for the ensuing fiscal year with reasons for the increases and decreases recommended.
3. The amount of the debt of the city together with a schedule of maturities of bond issues.
4. A statement showing the amount required for interest on the city debt and for paying off any bonds maturing during the year and the amount required for the sinking fund.
5. An itemized statement of all anticipated income of the city with a comparative statement of the amounts received by the city from each of the same or similar sources for the last preceding and current fiscal years.
6. An estimate of the amount of money to be received from taxes.
7. Such other information as the city manager may think desirable or as may be required by the council.

The council shall on or before the second Monday in the month of June in each year adopt a budget for the succeeding fiscal year. The council shall, so far as possible, adhere to the budget so adopted in the making of appropriations.

(Amd. of 7-12-2005 (S.B. 126))

CITY OF DOVER FINANCIAL POLICIES



Amended October 12, 2015

CITY OF DOVER, DELAWARE

FINANCIAL POLICIES

The purpose of these policies is to present a standardized set of principles that the City follows in managing its financial and budgetary affairs. These are general statements of policies, which represent long-standing principles, traditions, and practices that will be used to guide the City in maintaining financial stability. It will be the responsibility of the Finance Department to ensure the financial objectives of these policies are maintained.

Revenue Policy

1. The City will strive to maintain a broad and diversified revenue base that will equitably distribute the burden of supporting City services and will protect the City from short-term fluctuations in any one revenue source.
2. The City will actively support economic and industrial development recruitment and retention efforts to provide for a solid revenue base.
3. The City will maintain timely collection systems and implement necessary enforcement strategies to collect revenues from available sources.
4. The City will establish user fees and charges for services, when feasible, at levels related to the cost of providing the services. The City will review the fees and charges every three to five years to determine modifications needed to keep pace with the cost of providing the services. Property Tax Rates are set annually
5. The City will establish, when feasible, self-supporting enterprise funds and intergovernmental service funds in which a relationship between revenues and expenditures clearly exists.
6. The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.
7. The City will maintain a budgetary control system and will prepare reports, which compare actual revenues to budgeted amounts.
8. The City will limit the designation of General Fund revenues for specified purposes to maximize flexibility in budgeting and revenue utilization.
9. The City will review annually and revise, where necessary, its cost allocation formulas, i.e. internal service departments.
10. Upon satisfying all rate covenants the City will provide operating transfers to the General Fund. From the Water/Wastewater Utility no greater than \$1,000,000 and from the Electric Utility no greater than \$10,000,000.

Expenditure Policy

1. Basic and essential services provided by the City will receive first priority for funding, i.e. Public Safety & Health, Utilities, Streets, & Sanitation.
2. A report of the expenses of the Public Safety categories that have been identified will be presented to City Council two (2) times; once upon delivery of the proposed budget in May and the other upon the adoption of the budget in July. The report will map the revenues that have been identified to support the expenses, how much of a gap there is, and what the trend is for closing the gap over a 20 year period. The revenues will be the direct revenues of those programs and the Property Tax Revenue, excluding BID taxes.
3. The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures for each fund. The Beginning Budget Balance will not be considered a revenue source.
4. The City will maintain a budgetary control system to ensure adherence to the original adopted budget and will prepare reports, which compare actual expenditures to budgeted amounts. Expenditures greater or less than the original adopted budget will flow through the audited Ending Budget Balance.
5. The City will restrict the use of appropriations as follows:
 - Funds appropriated for personnel expenses shall be restricted to use as personnel expenses; Any personnel savings at the end of each fiscal year will be re-appropriated in the next fiscal year to be transferred to the City's unfunded retirement liabilities;
 - Funds appropriated as capital expenses shall be restricted to use as capital expenses;
 - Funds appropriated as operating expenses shall be restricted to use as operating expenses;
 - All requests for additional personnel shall be accompanied with a five-year estimate on the costs of such position(s), including salaries and other employment costs (OEC's);
6. The City will refrain from budgeting revenues derived from infrequent and unanticipated transactions for ongoing expenses. These revenues will be set aside for asset replacement or as otherwise directed by Council.
7. The City will provide access to medical, dental, vision, life, AD & D, and short-term disability insurance for its employees. The cost for these benefits will be a shared responsibility between the City and its employees as outlined in the City Personnel Handbook or collective bargaining agreements
8. The City will provide access to medical and dental insurance for its retirees and their families. The cost for these benefits will be a shared responsibility between the City and its retirees as outlined in the City Personnel Handbook or collective bargaining agreements.
9. The City will provide access to appropriate retirement plans for its employees. The City will make contributions for eligible employees at the actuarial determined percentage defined for each of the respective retirement plans.

10. The City will establish an Other Post-Employment Benefit Fund (OPEB). The City will make contributions for eligible employees and retirees at the actuarial determined rates or percentages to fund future retiree medical benefits.

Debt Policy

1. The City will maintain a debt management policy and full disclosure on financial reports.
2. The City will maintain communications with bond rating agencies and continue to strive for improvements in the City's bond rating.
3. The City will adhere to its debt covenants.
4. The City will review its debt capacity every three (3) years.
5. The City will pay for all capital projects and capital improvements on a pay-as-you-go basis using current revenues if possible. If a project or improvement cannot be financed with current revenues, long-term debt or use of reserves will be recommended.
6. The City will refrain from issuing long-term debt for a period in excess of the expected useful life of the capital project.
7. The City will use special assessment revenue or other self-supporting bonds instead of general obligation bonds, when practical.
8. The City will seek refinancing of outstanding debt if it is determined that the City will benefit by reduced interest expense over the remaining life of the bonds.

Budget Balance/Reserve Policy – General Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.
2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the taxpayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.
3. The City will maintain a minimum reserve, in a contingency account, of at least \$700,000. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses,

storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the General Fund budget and contingency balances shall not exceed 17% (~ 2 months) of Budgeted Operating Revenues.
5. The City will create a Capital Asset Replacement account for Governmental Fund asset procurements. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. (Annual Depreciation is approximately \$2.5 million per year) The City will appropriate excess (amounts greater than budgeted) revenues to fund this account, or if the balance is less than the \$500,000 minimum, \$200,000 per annum until such time the minimum balance is replenished.
6. The City will create a General Capital Project Fund to account for all General Government asset procurements and projects. The City will provide operating fund transfers and/or debt proceeds for each fiscal year's Capital Investment Plan. All vehicle and equipment purchases under \$25,000 will be budgeted on a pay as you go basis.

Budget Balance/Reserve Policy – Water/Wastewater Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% (two months) of the current year operating revenues for each of the Water & Wastewater Utility Funds, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.
2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.
3. The City will maintain a minimum reserve, in a contingency account, of at least \$250,000 for each the Water & Wastewater Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.
4. The total of the combined Water & Wastewater Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.
5. The City will maintain a Capital Asset Replacement account to cover replacement or procurement of assets of the utility. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of \$500,000 for each utility for Capital Asset Replacements. The City will

appropriate excess revenues to fund this account, or if the balance is less than the minimum \$100,000 per annum for each utility until such time the minimum balance is achieved.

6. The City established by ordinance on December 17, 1996 the Wastewater Impact Fee Reserve to provide for future expansion of the City's wastewater system due to increased demand. The ordinance further provides for debt service payments attributed to wastewater expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of 20% of wastewater revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Wastewater Fund over the succeeding seven years of any project completion.
7. The City established by ordinance on February 1, 2008 the Water Impact Fee Reserve to provide for future expansion of the City's water system due to increased demand. The ordinance further provides for debt service payments attributed to water system expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of \$1.5 million of water revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Water Fund over the succeeding seven (7) years of any project completion.
8. The Water & Wastewater Improvement & Extension Fund budget balance shall be no less than \$200,000 of the current fiscal year's appropriation for water and wastewater projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than \$250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under \$25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.

Budget Balance/Reserve Policy – Electric Revenue Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 12% (45 days) of the current year operating revenues for the Electric Revenue Fund, excluding the carry forward balance and power cost adjustments. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.
2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one year, but in any case, no longer than three years.
3. The City will maintain a minimum reserve, in a contingency account, of at least \$750,000 for the Electric Revenue Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations.

Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the combined Electric Revenue Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.
5. The City has established by bond covenant an account to cover insurance deductibles on the electric transmission and distribution system or the generating plants. The City shall maintain a minimum balance of \$750,000 to cover various deductibles.
6. Recognizing price fluctuations in the wholesale power markets the City has established a rate stabilization reserve. The purpose of using such a reserve is to level off the fluctuations in the wholesale power supply market and in turn provide stable rates to our customers. In those instances where the actual cost of power supply and generation are less/more than the budgeted cost of power supply and generation, the City will transfer the difference to/from the Rate Stabilization Reserve. The balance shall be maintained at a minimum of 10% not to exceed 20% of the purchase power cost in any given year. If the reserve balance exceeds the 20% maximum, a credit will be applied to the power cost adjustment.
7. The Electric Improvement & Extension Fund budget balance shall be no less than \$200,000 of the current fiscal year's appropriation for electric system projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than \$250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under \$25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.
8. The City has established an account to provide for capital financing of Future Capacity or system expansion. The City shall maintain a balance equivalent to the value of 10% growth in capacity at any given time, or no less than \$10,000,000. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven years of any project completion.
9. The City has established an account to provide for replacement or procurement of utility system assets, otherwise known as Depreciation Reserve. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of \$10,000,000. The primary purpose of this account is to provide partial or all financing of major capital projects and minimize debt service payments. The account is also intended to cover unforeseen capital replacements due to equipment breakdowns, storms or hurricane damages. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven (7) years of any project completion
10. The total of the combined Electric Revenue and Electric Improvement & Extension Fund budget and reserve balances shall be benchmarked at 50% Budgeted Operating Revenues. Operating Fund Budget Balance and Reserves shall be adjusted to appropriate levels through adjustments in the operating budget. Improvement & Extension Fund Budget Balance and Reserves shall be adjusted in accordance with the Capital Improvement Plan.

Investment and Cash Management Policy

1. The City will deposit all receipts on a timely basis in interest bearing accounts.
2. The City will strive to maximize the return on its investment portfolio without jeopardizing principal amounts.
3. The City will limit its investments to the types of securities provided for by Delaware statutes.
4. The City will diversify its investments by maturity date to protect against market fluctuations.
5. The City will purchase securities from qualified institutions based on competitive bids in an effort to obtain the highest available rates.
6. The City will maintain an Investment Policy based on prudent investment practices and will monitor all investment managers' compliance with policy objectives.

Capital Improvement Policy

1. The City will prepare and update, as needed a five-year Capital Improvements Program (CIP) which will provide for the orderly maintenance, replacement, and expansion of capital assets.
2. The CIP will identify long-range capital projects and capital improvements of all types, which will be coordinated with the annual operating budget to maintain full utilization of available revenue sources.
3. When preparing the CIP, the City will seek to identify all viable capital projects and capital improvements required during the subsequent five-year period. These projects and improvements will be prioritized by year and by funding source.
4. Every attempt will be made to match projects and improvements with available funding sources. Future operating costs and savings associated with a project or an improvement will also be given consideration in the establishment of priorities.
5. When appropriate, the City will seek Federal, State, and other funding to assist in financing capital projects and capital improvements.
6. The City will incorporate the reasonable findings and recommendations of other cities' Boards, Commissions, Committees, and Citizen Task Forces, as they relate to capital projects and improvements.
7. The City will seek input from the public by holding public hearings in relation to the establishment of projects and project priorities.

Financial Reporting Policy

1. The City's accounting system will maintain records in accordance with accounting standards and principles outlined by the Governmental Accounting Standards Board (GASB), Financial Accounting Standards Board (FASB), and the State of Delaware.

2. The City will employ an independent accounting firm to perform an annual audit of the City's finances and make the annual audit available to all required and interested parties.
3. The City will produce monthly and quarterly financial statements reporting the current periods' activity for all funds maintained by the City.
4. The City will prepare an annual budget document that provides a basic understanding of the City's planned financial operations for the coming fiscal year. Copies of the proposed and final budget will be made available to all interested parties and opportunities will be provided for citizen input prior to final decisions on the budget.
5. The City will place continued emphasis on review and maintenance of an accounting system which provides strong internal budgetary and accounting controls designed to provide reasonable assurance, but not absolute, assurance regarding:
 - (a) the safeguarding of assets against loss from unauthorized use or disposition and,
 - (b) the reliability of financial records for preparing financial statements and reports, and the maintaining accountability for assets.
6. The City will seek annual renewal of the Government Finance Officers Association's (GFOA) Certificate of Achievement for Excellence in Financial Reporting.

7.

Adoption:

Approval by City Council: January 28, 2002

Most recent amendments:

1. Amended by City Council on June 11, 2014
2. Amended by City Council on September 8, 2014
3. Amended by City Council on October 12, 2015



**CITY OF DOVER
DEPARTMENT OF FINANCE
POLICY MANUAL**

TITLE: Budget Administration – Policy
for Operating Departments

DATE: September 8, 2014

Each Department Head is responsible for managing their overall budgets for account variances created by routine operating expenses. This policy is intended to permit the redistribution of funds in departmental budgets when unexpected events or transactions occur. It establishes the procedure to be followed when the approval of a supplemental appropriation is requested. It restricts the redistribution of personnel and capital outlay accounts. All redistributions are to be rounded to the nearest hundred dollars (no cents).

1. Definitions, as used in this policy:

“Fund”: In governmental accounting, a fund is a fiscal and accounting entity with a self-balancing set of accounts, created and maintained for a particular purpose and having transactions subject to legal or administrative restrictions. A separate budget is provided for each fund.

“Department”: Departments are the major organizational sub-divisions. They have a broad overall purpose. The City of Dover is organized into twelve (12) departments: City Clerk, City Manager, Customer Services, Electric, Information Services, Finance and Procurement & Inventory, Human Resources, Planning & Inspections and Parks & Recreation & Library, Police, Public Works, and Tax Assessor.

“Division”: Is the major operational areas of the City. Each Division has been assigned to one of the Departments listed above according to the type of activity it performs. For example, the Electric Engineering Division is part of the Electric Department.

“Category”: Within each division, each expenditure line item is grouped into a category of related expenditures. The budget for each line item is listed by categorical total. Examples of a category include personnel services, materials & supplies, administrative expenditures, capital outlay, project accounts, and depreciation.

2. Department Managers may redistribute monies “within” a group of accounts in a particular category, except salary/benefits, and capital outlay accounts to address unexpected events or transactions. Form COD #98 shall be used to request the transfer of funds. The monies shall not be encumbered until the Controller/Treasurer has returned a copy of Form COD #98 advising the manager that the redistribution has been entered into the budget software.
3. Transfers between categories material/supplies and administrative are permitted.
4. Transfers from salary and benefit accounts are permitted upon the approval of the City Council to cover unanticipated expenses created by vacancies. Budget savings from these line items will be transferred to the pension and OPEB funds towards the City’s unfunded liability.

5. The redistribution request must be submitted to the Finance Department for verification and confirmation, and then Finance will forward to the City Manager. Confirmation of the change will be made to the originating department by the Finance Department once the change has been approved.
6. No funds authorized in capital outlay may be encumbered unless said purchase was detailed in the “approved” budget.

Any Capital Improvement Project (CIP) deferrals due to cost over-runs in other CIP items shall be communicated to the Council and the Controller/Treasurer.

The City Manager may approve transfers of savings from completed CIP items to non-completed CIP items. Any transfers that cause the particular item or project to exceed its original budget 10% or greater will be communicated to Council and the Controller/Treasurer.

To request an exception in capital outlay or project categories, submit a written memorandum explaining the request and attach a copy of the original budget submission. The memorandum must explain the reason for not purchasing the authorized items. A copy noting the action taken on the request by the City Manager will be returned to the respective department. Council and the Controller/Treasurer will be copied on all exception request approvals.

All capital outlay change requests must be accompanied by a Capital Improvement Project worksheet in the following instances:

- Scrap a CIP and create a new CIP
- Reduce approved CIP and create a new CIP
- New funded CIP (grant)

The Controller/Treasurer will adjust project budgets each year to include prior year project balances before finalizing the Carry Forward Budget Balances for multi-year projects or projects not completed due to unforeseen circumstances. This process will be followed only on projects that were approved by City Council in a prior year CIP.

7. The City Manager may approve intra-fund transfers (i.e., within the General Fund) of up to five percent per annum, Form COD #98, with the exception of line items associated with salary and benefits.
8. All personnel positions will receive and be adhered to, the documented increases as approved through the budget process. Any exceptions require Council approval.
9. Budget amendments exceeding that authorized above or that affect budget balances shall be referred to the City Council.

CITY OF DOVER

COST CENTER REQUEST FOR BUDGET AMENDMENT

Department: _____
 From Account #: _____
 To Account #: _____

Fiscal Year: _____
 Date of Request: _____
 (Check Only One)

- Change Within Budget
- Supplemental Appropriation
- Departmental Transfers

By: _____
 (Signature)

	Element Object	Account Name	Original Budget	Net Previous Changes	Current Revised Budget	Requested Change or Supplement	Adjusted Budget	YTD Expense
FROM								
TO								
	1	2	3	4	5	6	7	8

Request Justification: _____

Instructions: Complete all appropriate items. Figures in columns four and seven must be preceded by a "plus" or a "minus" sign. Round all figures to nearest one hundred dollar. Use the reverse side of this form if additional space is needed to justify request. Form must bear the live signature(s) of cost center manager(s). Before submitting request to Finance Department for consideration, obtain verification from the accounting department that all figures are correct. Submit copy of request to the City Manager. A copy will be returned noting the action taken.

Approval: _____
 City Manager Controller/Treasurer

Date of Action: _____

Approved as: Requested Approved as Modified Denied

Deferred Until: _____

For Finance Department Use Only **Processed:** _____ **By:** _____
 COD FINANCE FORM 98



PERSONNEL INFORMATION



PERSONNEL TABLE

FY 16 THROUGH FY 18 COMPARISON

PERSONNEL COST SUMMARY

OVERTIME TRENDS

FY 15 THROUGH FY 18 COMPARISON

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

City of Dover
Fiscal Year 2018 Budget
Personnel Table

DEPT/DIVISION	2015-2016 BUDGET	2016-2017 BUDGET	2017-2018 BUDGET	CHANGE
CITY CLERK	4.0	4.0	4.0	0.0
CITY MANAGER	4.0	4.0	5.0	1.0
CODE ENFORCEMENT	5.0	5.0	5.0	0.0
CUSTOMER SERVICES	14.0	13.0	16.0	3.0
ECONOMIC DEVELOPMENT	3.0	0.0	0.0	0.0
FACILITIES MANAGEMENT	7.0	5.0	5.0	0.0
FINANCE	8.0	8.0	8.0	0.0
FIRE DEPARTMENT	5.0	5.0	5.0	0.0
FLEET MAINTENANCE	6.0	6.0	6.0	0.0
GROUNDS	13.0	13.0	13.0	0.0
HUMAN RESOURCES	3.0	3.0	3.0	0.0
INFORMATION TECHNOLOGY	4.0	4.0	4.0	0.0
INSPECTIONS	6.0	6.0	6.0	0.0
LIBRARY	13.0	13.0	13.0	0.0
LIFE SAFETY	3.0	3.0	3.0	0.0
MAYOR	1.0	1.0	1.0	0.0
PARKS AND RECREATION	5.0	5.0	5.0	0.0
PLANNING	6.0	6.0	6.0	0.0
POLICE - TOTAL*	134.0	134.0	134.0	0.0
PROCUREMENT AND INVENTORY	3.0	3.0	3.0	0.0
PUBLIC WORKS - ADMINISTRATION	6.0	6.0	6.0	0.0
PUBLIC WORKS - ENGINEERING	3.0	3.0	3.0	0.0
SANITATION	10.0	10.0	10.0	0.0
STREETS	8.0	8.0	8.0	0.0
TAX ASSESSOR	3.0	3.0	3.0	0.0
GENERAL FUND AND CDBG TOTAL	277.0	271.0	275.0	4.0
ELECTRIC ADMINISTRATION	4.0	5.0	5.0	0.0
ELECTRIC SYSTEM OPERATIONS	5.0	5.0	5.0	0.0
ELECTRIC ENGINEERING	10.0	10.0	10.0	0.0
ELECTRIC T & D	24.0	24.0	24.0	0.0
METER READING - CUSTOMER SERVICE	4.0	4.0	4.0	0.0
ELECTRIC FUND TOTAL	47.0	48.0	48.0	0.0
WATER/WASTEWATER ENGINEERING	5.0	5.0	5.0	0.0
WATER MANAGEMENT	6.0	6.0	6.0	0.0
WASTEWATER MANAGEMENT	11.0	11.0	11.0	0.0
WATER TREATMENT PLANT	13.0	13.0	13.0	0.0
WATER/WASTEWATER FUND TOTAL	35.0	35.0	35.0	0.0
TOTAL FULL-TIME PERSONNEL	359.0	354.0	358.0	4.0

*101 Officers; 33 Civilians - 134 Total Employees

DEPT/DIVISION	2015-2016 BUDGET	2016-2017 BUDGET	2017-2018 BUDGET	CHANGE
PART-TIME PERSONNEL				
CITY COUNCIL COMMITTEES	17.0	17.0	17.0	0.0
CITY MANAGER	4.0	4.0	0.0	(4.0)
PLANNING COMMISSION	14.0	14.0	14.0	0.0
FIRE (5 On Call Dispatchers)	3.0	5.0	5.0	0.0
PARKS AND RECREATION	14.0	14.0	14.0	0.0
LIBRARY	19.0	19.0	21.0	2.0
POLICE CADET PROGRAM	0.0	0.0	5.0	5.0
PROCUREMENT AND INVENTORY	1.0	1.0	1.0	0.0
CUSTOMER SERVICES	4.0	4.0	2.0	(2.0)
METER READING - CUSTOMER SERVICE	0.0	0.0	1.0	1.0
FINANCE	1.0	0.0	0.0	0.0
INFORMATION TECHNOLOGY	1.0	1.0	0.0	(1.0)
ELECTRIC ENGINEERING	0.0	1.0	1.0	0.0
SUBSTANCE ABUSE GRANT	10.0	10.0	10.0	0.0
POLICE CADET - GRANT	6.0	6.0	1.0	(5.0)
TOTAL PART-TIME PERSONNEL	94.0	96.0	92.0	(4.0)
TOTAL PERSONNEL	453.0	450.0	450.0	0.0

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

City of Dover Fiscal Year 2018 Budget Fiscal Year 2018 Total City by Fund								
Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
1100-511	City Clerk	\$ 232,900	\$ -	\$ -	\$ -	\$ 232,900	\$ 156,300	\$ 389,200
1200-512	City Council	-	-	-	84,300	84,300	6,700	91,000
1300-513	Assessor	131,800	-	-	-	131,800	78,900	210,700
1400-514	Fire	214,500	600	35,000	25,000	275,100	167,300	442,400
1500-522	Grounds	485,800	2,200	10,000	-	498,000	408,800	906,800
1500-523	Library	615,000	-	-	306,200	921,200	496,200	1,417,400
1500-525	Recreation	236,600	-	1,600	122,800	361,000	153,000	514,000
1600-531	Life Safety	140,100	9,700	8,000	-	157,800	76,700	234,500
1600-532	Code Enforcement	229,500	700	2,500	-	232,700	189,600	422,300
1600-533	Planning	382,200	(36,000)	1,000	15,000	362,200	172,000	534,200
1600-534	Building Inspections	282,600	-	2,000	-	284,600	242,100	526,700
1700-542	Civilian Police	1,478,500	26,100	69,200	59,500	1,633,300	1,186,400	2,819,700
1700-543	Law Enforcement	7,398,800	209,100	460,000	-	8,067,900	4,427,300	12,495,200
1700-544	Police Extra Duty	492,000	-	-	-	492,000	68,000	560,000
1800-554	Streets	324,400	1,700	7,900	-	334,000	323,500	657,500
1800-555	Sanitation	393,500	1,300	17,500	-	412,300	359,000	771,300
2100-515	City Manager	389,100	-	1,500	-	390,600	171,600	562,200
2200-516	Information Technology	249,100	-	-	-	249,100	190,800	439,900
2300-517	Finance	524,300	-	-	-	524,300	318,700	843,000
2400-551	Public Works Admin	378,300	500	-	-	378,800	311,300	690,100
2500-552	Facilities	241,300	700	6,400	-	248,400	235,300	483,700
2600-553	Public Works Engineering	152,900	400	500	-	153,800	102,900	256,700
2700-571	Procurement & Inventory	170,200	-	1,000	22,500	193,700	138,900	332,600
2800-572	Fleet Maintenance	289,100	3,300	6,700	-	299,100	197,000	496,100
2900-529	Customer Service	640,600	-	-	39,100	679,700	435,000	1,114,700
3100-518	Human Resources	190,800	-	-	-	190,800	178,200	369,000
3200-519	Mayor	45,000	-	-	-	45,000	12,300	57,300
Total General Fund		\$ 16,308,900	\$ 220,300	\$ 630,800	\$ 674,400	\$ 17,834,400	\$ 10,803,800	\$ 28,638,200
Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
2600-553	Engineering	\$ 319,100	\$ 900	\$ 500	\$ -	\$ 320,500	\$ 133,400	\$ 453,900
6800-568	Water	289,000	8,200	12,000	-	309,200	221,200	530,400
6900-569	Wastewater	393,500	13,200	25,000	-	431,700	236,700	668,400
7600-576	Water Treatment	604,100	6,000	30,000	-	640,100	445,500	1,085,600
Total Water/Wastewater Fund		\$ 1,605,700	\$ 28,300	\$ 67,500	\$ -	\$ 1,701,500	\$ 1,036,800	\$ 2,738,300
Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
8200-562	T & D	\$ 1,593,800	\$ 49,200	\$ 106,800	\$ -	\$ 1,749,800	\$ 939,300	\$ 2,689,100
8300-563	Engineering	618,900	10,800	10,000	10,600	650,300	276,600	926,900
8400-564	Administration	339,400	-	-	-	339,400	136,000	475,400
8500-565	Meter Reading	184,100	8,100	19,100	12,500	223,800	139,200	363,000
8600-526	System Operators	352,000	5,200	72,900	-	430,100	214,600	644,700
Total Electric Fund		\$ 3,088,200	\$ 73,300	\$ 208,800	\$ 23,100	\$ 3,393,400	\$ 1,705,700	\$ 5,099,100
Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
9900-596	CDBG	\$ -	\$ 36,000	\$ -	\$ -	\$ 36,000	\$ -	\$ 36,000
9900-542	Police Cadet Program	-	-	-	11,900	11,900	1,600	13,500
1500-581	Substance Abuse Grant	-	-	-	62,700	62,700	5,000	67,700
Total Grant Funds		\$ -	\$ 36,000	\$ -	\$ 74,600	\$ 110,600	\$ 6,600	\$ 117,200
GRAND TOTAL		\$ 21,002,800	\$ 357,900	\$ 907,100	\$ 772,100	\$ 23,039,900	\$ 13,552,900	\$ 36,592,800

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

CITY OF DOVER
OVERTIME COMPARISON
FISCAL YEAR 2015 THROUGH 2018

DEPARTMENT	2015				2016				2017 THROUGH APRIL				2018
	Orig. Budget	Actual	Variance	% To Date	Orig. Budget	Actual	Variance	% To Date	Orig. Budget	Actual	Variance	% To Date	Proposed
TAX ASSESSOR	-	-	-	---	-	-	-	---	-	42	(42)	---	-
FIRE	32,000	43,706	(11,706)	136.6%	43,000	32,036	10,964	74.5%	43,000	28,040	14,960	65.2%	35,000
GROUNDS	11,100	12,002	(902)	108.1%	8,300	12,687	(4,387)	152.9%	12,200	5,566	6,634	45.6%	10,000
PARKS & RECREATION	-	398	(398)	---	1,500	1,710	(210)	114.0%	1,600	1,370	230	85.6%	1,600
LIBRARY	3,900	3,714	186	95.2%	5,600	2,892	2,708	51.6%	3,700	3,762	(62)	101.7%	3,700
LIFE SAFETY	7,600	8,683	(1,083)	114.2%	8,600	8,308	292	96.6%	8,000	2,432	5,568	30.4%	8,000
CODE ENFORCEMENT	2,000	1,891	109	94.5%	5,000	2,063	2,937	41.3%	2,500	1,930	570	77.2%	2,500
PLANNING	-	282	(282)	---	700	856	(156)	122.3%	1,000	2,287	(1,287)	228.7%	1,000
PUBLIC INSPECTIONS	1,800	2,084	(284)	115.8%	1,800	3,722	(1,922)	206.8%	2,000	3,059	(1,059)	153.0%	2,000
POLICE CIVILIAN	50,000	82,711	(32,711)	165.4%	66,400	87,113	(20,713)	131.2%	70,900	63,077	7,823	89.0%	69,200
POLICE LAW ENFORCEMENT	400,000	433,344	(33,344)	108.3%	445,000	426,556	18,444	95.9%	450,600	342,117	108,483	75.9%	460,000
STREET	4,700	7,574	(2,874)	161.1%	4,100	7,457	(3,357)	181.9%	7,900	3,309	4,591	41.9%	7,900
SANITATION	12,100	17,988	(5,888)	148.7%	12,100	17,945	(5,845)	148.3%	17,500	12,328	5,172	70.4%	17,500
CITY MANAGER	2,000	517	1,483	25.9%	2,000	1,192	808	59.6%	2,000	658	1,342	32.9%	1,500
FINANCE	-	37	(37)	---	-	12	(12)	---	-	165	(165)	---	-
PW ADMINISTRATION	-	-	-	---	-	-	-	---	-	209	(209)	---	-
FACILITIES MANAGEMENT	10,500	11,771	(1,271)	112.1%	10,500	8,673	1,827	82.6%	6,400	1,803	4,597	28.2%	6,400
PROCUREMENT & INVENTORY	1,600	756	844	47.2%	1,000	489	511	48.9%	1,000	1,059	(59)	105.9%	1,000
VEHICLE MAINTENANCE	1,000	6,302	(5,302)	630.2%	1,000	6,582	(5,582)	658.2%	6,700	3,983	2,717	59.4%	6,700
CUSTOMER SERVICES	-	-	-	---	200	123	77	61.6%	-	226	(226)	---	-
HUMAN RESOURCES	-	-	-	---	-	159	(159)	---	-	-	-	---	-
WATER ENGINEERING	1,600	943	657	58.9%	800	-	800	0.0%	1,500	1,825	(325)	121.7%	1,000
CONSTRUCTION & MAINT	7,100	6,743	357	95.0%	-	-	-	---	-	-	-	---	-
WATER	9,100	8,632	468	94.9%	13,400	13,151	249	98.1%	12,000	9,395	2,605	78.3%	12,000
WASTE-WATER	27,000	23,559	3,441	87.3%	27,000	14,596	12,404	54.1%	25,000	18,133	6,867	72.5%	25,000
WATER TREATMENT PLANT	34,800	26,750	8,050	76.9%	32,300	45,843	(13,543)	141.9%	30,000	39,079	(9,079)	130.3%	30,000
TRANSMISSION/DISTRIBUTION	115,000	111,864	3,136	97.3%	115,000	112,131	2,869	97.5%	106,800	99,547	7,253	93.2%	106,800
ELECTRIC ENGINEERING	11,000	7,792	3,208	70.8%	11,000	5,337	5,663	48.5%	11,100	3,507	7,593	31.6%	10,000
ELECTRIC ADMINISTRATION	2,000	91	1,909	4.6%	2,000	-	2,000	0.0%	-	-	-	---	-
ELECTRIC METERING	5,000	13,155	(8,155)	263.1%	11,100	15,739	(4,639)	141.8%	19,100	11,377	7,723	59.6%	19,100
ELECTRIC SYSTEMS OPERATIONS	50,000	77,426	(27,426)	154.9%	50,000	70,385	(20,385)	140.8%	72,900	72,812	88	99.9%	72,900
TOTAL	802,900	910,713	(107,813)	113.4%	879,400	897,757	(18,357)	102.1%	915,400	733,098	182,302	80.1%	910,800
ELECTRIC PLANT OPERATIONS	198,700	230,378	(31,678)	115.9%	209,200	238,400	(29,200)	114.0%	185,500	203,601	(18,100.77)	109.8%	185,500
POLICE EXTRA DUTY	633,300	478,834	154,466	75.6%	529,200	609,839	(80,639)	115.2%	689,800	382,425	307,374.61	55.4%	560,000



CAPITAL INVESTMENT PLANS



REVENUE SOURCES & FUNDS

TOTAL CITY SUMMARY

GENERAL

WATER/WASTEWATER

ELECTRIC

VEHICLE REPLACEMENTS

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	418,300					418,300
DE Sewer Revolving Loan Fund		250,000				250,000
Developer Contribution	620,000	620,000	620,000	620,000	620,000	3,100,000
Electric I & E Fund	3,828,000		150,000			3,978,000
Electric Revenue	2,379,000	6,728,400	3,639,000	3,300,000	2,940,000	18,986,400
Future Capacity Reserve Fund			6,000,000			6,000,000
General Fund	1,372,900	8,136,800	9,849,600	5,642,900	3,740,700	28,742,900
Impact Fee Reserve		555,200	52,800	27,600	460,000	1,095,600
Parkland Reserve Fund	205,000	15,000	50,000	15,000	40,000	325,000
State Grant	33,000		35,000	33,000	40,000	141,000
Water/Wastewater Fund	3,051,400	5,764,500	5,546,200	3,021,500	5,552,000	22,935,600
GRAND TOTAL	11,907,600	22,069,900	25,942,600	12,660,000	13,392,700	85,972,800

City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

DEPARTMENT SUMMARY

Department	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Code Enforcement		23,800		17,000		40,800
Electric Admin	8,500	1,175,200				1,183,700
Electric Engineering	1,315,000	3,386,700	8,320,000	2,210,000	2,050,000	17,281,700
Electric T & D	1,675,500	1,280,500	1,250,000	1,160,000	1,180,000	6,546,000
Facilities Management	25,100		28,800	32,200		86,100
Finance	1,500,000	500,000	506,000			2,506,000
Fire/Robbins Hose	184,100	298,600	229,700	229,700	229,700	1,171,800
Fleet Maintenance		27,000	60,000			87,000
Information Technology	36,600	35,600	41,600	81,600	21,600	217,000
Parks and Recreation	271,000	15,000	85,000	81,000	80,000	532,000
Permitting and Inspections		16,000		34,000		50,000
Police	379,900	832,600	3,365,400	417,000	452,700	5,447,600
Power Plant	2,328,000	1,506,000	839,000	550,000	330,000	5,553,000
Public Works - Grounds	62,500	188,000	153,000	151,000	52,000	606,500
Public Works - Sanitation		435,100	427,100	204,900	807,700	1,874,800
Public Works - Streets	1,070,000	6,043,100	5,304,200	4,400,500	2,177,000	18,994,800
Public Works Admin				42,000		42,000
W/WW Engineering		23,000	32,900	28,900	38,000	122,800
Wastewater Management	1,493,000	3,462,100	1,563,500	1,443,100	2,676,100	10,637,800
Water Management	1,558,400	1,443,500	2,184,100	1,577,100	3,297,900	10,061,000
Water Treatment Plant		1,378,100	1,552,300			2,930,400
TOTAL	11,907,600	22,069,900	25,942,600	12,660,000	13,392,700	85,972,800



GENERAL
FUND



City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	104,100					104,100
General Fund	1,139,600	6,080,800	7,975,400	4,019,600	1,421,600	20,637,000
Parkland Reserve Fund	205,000	15,000	50,000	15,000	40,000	325,000
State Grant	33,000		35,000	33,000	40,000	141,000
GRAND TOTAL	1,481,700	6,095,800	8,060,400	4,067,600	1,501,600	21,207,100

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Information Technology								
Back Up & Recovery System with Software	IT1800	1	15,000					15,000
Network Infrastructure	IT1801	2	21,600	21,600	21,600	21,600	21,600	108,000
Server Lifecycle	IT1900	3		14,000	20,000	60,000		94,000
Information Technology Total			36,600	35,600	41,600	81,600	21,600	217,000
Parks and Recreation								
Park and Playground Improvement Program	PR1800	3	66,000			66,000		132,000
Small Park Improvements	PR1801	4	15,000	15,000	15,000	15,000		60,000
Schutte Park Land Improvements	PR1802	1	190,000					190,000
Silver Lake Park - Master Plan&Plan Implementation	PR2000	1			70,000		80,000	150,000
Parks and Recreation Total			271,000	15,000	85,000	81,000	80,000	532,000
Police								
Police Station Roof Repair	PD1800	n/a	53,100					53,100
Police Station Impound Lot	PD1801	n/a	51,000					51,000
Server Consolidation	PD1900	1		66,000				66,000
Evidence Room Asbestos Abatement	PD1901	n/a		20,000				20,000
Police Station Chiller Replacement	PD1902	n/a		250,000				250,000
New Evidence Facility	PD2003	n/a			3,000,000			3,000,000
Police Total			104,100	336,000	3,000,000			3,440,100
Public Works - Streets								
Street, Concrete and Alley program	ST1801	1	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000
Miscellaneous Emergency Storm Sewer Repairs	ST1802	2	70,000	73,000	76,000	79,000	82,000	380,000
Meeting House Branch Improvements	ST1803	3		2,740,000	2,740,000	2,740,000		8,220,000
Redevelopment of Schutte Park	ST1804	4		1,800,000				1,800,000
Dover Library Conveyance System Improvements	ST1805	4	50,000		200,000			250,000
Water Street Flooding Improvements	ST1906	6		50,000		100,000		150,000
Brine Manufacturing System	ST1907	6		45,000				45,000
The Greens of Dover/Lamplighter Ln Strmwtr Impr	ST2005	6			50,000		150,000	200,000
Reed Street Flooding Improvements	ST2104	4				50,000		50,000
Public Works - Streets Total			1,070,000	5,709,200	4,933,800	3,905,000	1,400,000	17,018,000
GRAND TOTAL			1,481,700	6,095,800	8,060,400	4,067,600	1,501,600	21,207,100

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Information Technology

Contact IT Director

Type Technology

Useful Life 5 years

Category Information Technology

Priority 1

Status Active

Project #	IT1800
Project Name	Back Up & Recovery System with Software

New Project: Yes

Account Number: 147-2200-516.40-28

Time-Line: FY18

Total Project Cost: \$15,000

Description

Due to exponential growth in and dependence on data, the City has out grown its backup and recovery capabilities. The equipment in place was purchased in 2013 and was sized to account for growth. Since its purchase, City Department's use of Fortis document imaging has expanded to consume 400% more disk space. Additionally, several departments rely more and more on video/graphic evidence resulting in significant increases due to pictures and video.

To save money on server license fees and hardware replacement, the IT Department has virtualized many of its servers. This has reduced the number of physical servers and licenses required. It has also increased efficiency to deliver necessary services to the end users. We have gone from having 19 physical servers to having seven. Two of those servers are hosts for over 20 virtual servers. Although the virtual servers save on physical space and electricity, it is a lot more to manage and they still need to be backed up.

Justification

Our backup process is very complicated. Due to time constraints, we modified the backups to do a complete backup on the weekends with incremental backups during the week. During the week, we're backing up the changes that have been made since the last full backup. The backup is stored locally on the backup server and duplicated to a tape. The full backups start on Friday evening and do not complete until mid-day on Monday. There's not enough time in the day to get the backup duplicated to tape prior to Monday's backup starting. Additionally, due to the size or the backup jobs, our ability to store multiple versions of the backup locally have been greatly reduced. Whereas a week's worth of data used to be stored locally, we can save only one to two days' worth of data. This does not provide the City with sufficient backup or disaster recovery peace of mind. The backup server does not provide any available scalability to add additional storage space.

I recommend the purchase of a new backup appliance and backup software that can grow with the City's data. I'm recommending a Dell DL1300 appliance with 4TB of storage. The unit is scalable to as much as 18TB. The cost of the unit includes five years of licensed software. For the near term, the City has storage capacity to replicate the backup to a different location for disaster recovery. As the technology and prices continue to improve, it may be beneficial to replicate our backup to a cloud provider for improved disaster recovery.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	15,000					15,000
Total	15,000					15,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	15,000					15,000
Total	15,000					15,000

Budget Impact/Other

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FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Information Technology

Contact IT Director

Type Technology

Useful Life 10 years

Category Information Technology

Priority 2

Status Active

Project #	IT1801
Project Name	Network Infrastructure

New Project: **Account Number:** 147-2200-516.40-28

Time-Line:

Total Project Cost: \$108,000

Description
The City's network infrastructure (switches and routers) were installed as part of the telephone upgrade in 2006. It consists of approximately 18 switches, 6 routers. All of this equipment is at or nearing Cisco's End of Support/End of Life requiring a phased replacement plan.

Justification
Vital network switching and routing equipment allow for communication between servers, computers, printers, telephones, etc.. A loss of any one piece of equipment will prevent up to 48 devices to stop communicating. With no support for the current equipment, it could be an extended outage while completing an unplanned purchase. This plan is critical to maintaining the level of communication and support expected by all users. It calls for a 20% replacement schedule across 5 years until all equipment is replaced and supported.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	21,600	21,600	21,600	21,600	21,600	108,000
Total	21,600	21,600	21,600	21,600	21,600	108,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	21,600	21,600	21,600	21,600	21,600	108,000
Total	21,600	21,600	21,600	21,600	21,600	108,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Information Technology

Contact IT Director

Type Technology

Useful Life 3 - 5 Years

Category Information Technology

Priority 3

Status Active

Project #	IT1900
Project Name	Server Lifecycle

New Project: **Account Number:** 147-2200-516.40-28

Time-Line:

Total Project Cost: \$94,000

Description
As with the computer lifecycle, the servers are on a lifecycle and require planned replacements. When a server is up for replacement, it is evaluated for continued use beyond the lifecycle timeframe. As long as it's viable and service can be extended, its service life will be extended. This plan includes the replacement of DOVERDC1 and the SQL server in FY18, two HyperV servers in FY19, and the Storage Area Network (SAN) in FY20

Justification
Due to the City's growing need and dependency on data, servers and storage requirements increase. The increased demands on equipment and storage makes it necessary to replace aging equipment. Obtaining extended warranties may be used when possible, but it can be more cost effective to replace with newer technology. Servers and associated equipment listed in this plan are to ensure continued 99.999% availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		14,000	20,000	60,000		94,000
Total		14,000	20,000	60,000		94,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		14,000	20,000	60,000		94,000
Total		14,000	20,000	60,000		94,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Parks and Recreation

Contact Public Works Director

Type Improvement

Useful Life 10-15 years

Category General

Priority 3

Status Active

Project # PR1800
Project Name Park and Playground Improvement Program

New Project: No **Account Number:** 147-1500-525.40-31
Time-Line: FY17-FY20

Total Project Cost: \$132,000

Description

This project provides for a regular replacement of playground equipment and other park amenities throughout the park system. It could also potentially include installation of playground equipment in parks without equipment. This is important to ensure that equipment is replaced as old equipment deteriorates and becomes less safe. All newly installed equipment will meet the standards of the Consumer Product Safety Commission.

Justification

As equipment ages it deteriorates and can become unsightly and/or unsafe. Replacement of dated equipment is important to ensure that our parks meet the needs of the population and provides a safe play environment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	66,000			66,000		132,000
Total	66,000			66,000		132,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	33,000			33,000		66,000
State Grant	33,000			33,000		66,000
Total	66,000			66,000		132,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Parks and Recreation
Contact Parks & Recreation Director
Type Improvement
Useful Life 10-15 years
Category General
Priority 4
Status Active

Project # PR1801
Project Name Small Park Improvements

New Project: No **Account Number:** 147-1500-525.40-31
Time-Line: FY17-FY20

Total Project Cost: \$60,000

Description
 Under this project, the City would fund small capital improvements in parks citywide. This could include improvements to pavilions, fencing and other structures in the park that require investment over time but exceed the thresholds for non-capital investments.

Justification
 There are a number of amenities in the City’s park that deteriorate over time and require small capital investments to be safe and attractive. As our park investments age, we need to make sure that we are maintaining the properties, which may require small capital projects.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	15,000	15,000	15,000	15,000		60,000
Total	15,000	15,000	15,000	15,000		60,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund	15,000	15,000	15,000	15,000		60,000
Total	15,000	15,000	15,000	15,000		60,000

Budget Impact/Other
 \$5K donated from Councilman Hosfelt toward Bicentennial Village Park for benches and other amenities (Discretionary funds FY2017)

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Parks and Recreation

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 1

Status Active

Total Project Cost: \$190,000

Project # PR1802
Project Name Schutte Park Land Improvements

New Project: No **Account Number:** 147-1500-525.40-31
Time-Line: FY18

Description
 This project includes a plan to develop multipurpose fields on the lands on the west side of the park and to complete the multipurpose pathway around the park's perimeter. It will also include other amenities that are consistent with the Recreation Needs Assessment. Once plans are complete, the improvements will be constructed in FY 18.

Justification
 Currently, the Schutte Park addition is unusable. There is constant demand for field space, and we have 14 acres of unusable space.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	190,000					190,000
Total	190,000					190,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund	190,000					190,000
Total	190,000					190,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Parks and Recreation
Contact Parks & Recreation Director
Type Improvement
Useful Life
Category General
Priority 1
Status Active

Project # PR2000
Project Name Silver Lake Park - Master Plan&Plan Implementation

New Project: No **Account Number:** 147-1500-525.40-31
Time-Line: FY18-FY20

Total Project Cost: \$150,000

Description

Hire a consultant to develop a master plan for Silver Lake Park that includes a vegetation management plan and lighting plan, and also addresses the needs identified in the Recreation Needs Assessment, including paths, restrooms, a splash pad, and other general park improvements such as parking lot improvements and delineation and preservation of the African American Cemetery on the property. The Silver Lake Commission and DNREC would be part of the planning process.

Justification

The plan for Silver Lake Park needs to be updated based on current need as identified in the Recreation Needs Assessment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			70,000		80,000	150,000
Total			70,000		80,000	150,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund			35,000		40,000	75,000
State Grant			35,000		40,000	75,000
Total			70,000		80,000	150,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Police
Contact Police Chief
Type Maintenance
Useful Life
Category General
Priority n/a
Status Active

Project # PD1800
Project Name Police Station Roof Repair

New Project: Yes **Account Number:** 147-1700-541.40-31
Time-Line: FY18

Total Project Cost: \$53,100

Description

The Police Department has been experiencing recurring roof leaks over the past several years. Over time, we determined the leaks have to be coming from the flat roof sections of the building. As a result, we have made several attempts to correct the problems. However, with every windy rain storm that occurs additional leaks are discovered. It is troublesome to determine where exactly the leaks are occurring because the water flows from the roof over the pipes and structure in the attic areas before they drip through to the second-floor office areas. As a result, we consulted with Mike Hamlett, the city facilities maintenance section chief and he suggested that we obtain an estimate from a contractor to provide a foam seal coat over all of the flat areas of the roof.
 As a result, I contacted Bel Air Roofing in the Baltimore, Maryland area since they have done a lot of similar work for Dover AFB. The estimate includes 40 mil & 20 year warranty on all three sections of our flat roof. It also includes additional 15% pricing for contingencies.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	53,100					53,100
Total	53,100					53,100

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	53,100					53,100
Total	53,100					53,100

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Police

Contact Police Chief

Type Unassigned

Useful Life 20 years

Category General

Priority n/a

Status Active

Total Project Cost: \$51,000

Project #	PD1801
Project Name	Police Station Impound Lot

New Project: _____ **Account Number:** _____
Time-Line: _____

Description
Originally 120,000. Transferred 51,000 to PD1800.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	51,000					51,000
Total	51,000					51,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	51,000					51,000
Total	51,000					51,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Police
Contact Capt Stump
Type Technology
Useful Life 5 years
Category Information Technology
Priority 1
Status Active

Project # PD1900
Project Name Server Consolidation

New Project: Yes **Account Number:** 147-1700-541.40-26
Time-Line: FY18-FY19

Total Project Cost: \$66,000

Description

The Police Department regular server hardware currently consists of 9 physical server computers, with one of them serving as a virtualized host of 3 virtualized servers, totaling 11 windows server environments. This number is dynamic as the need for separate servers changes every few years. The cost of an individual server includes both the physical hardware as well as the operating system installed on such servers, and licenses for clients to connect to each of those operating systems. The idea behind virtualized server environments is to reduce operating costs over time by purchasing one robust physical server which can handle the virtualized load of operating systems normally housed on individual and less robust server hardware. The initial cost of the robust virtual host is a fraction of what would be spent in multiple years of physical server costs. This, combined with a Datacenter Edition of Windows Server allows for unlimited licenses of virtual servers, limited only by the hardware capabilities of that one robust host. There will be exceptions where a physical machine is required by a vendor or is necessary due to workload (such as SQL database host), but most environments can be of a virtual type.

Justification

The City's IT Department is also migrating the rest of the city computer systems to this type of set-up so we would like to follow their example. In addition, this project will simplify the internal server structure by:

- 1.Reducing the number of physical servers
- 2.Reducing costs of operating systems purchased over time
- 3.Reducing costs of multiple physical server purchases
- 4.Reducing electrical use of physical servers which in turn reduces electrical costs as well as increasing the run-time on our server battery backup unit
- 5.Reducing the amount of heat generated otherwise by multiple physical servers which in turn requires more cooling of server room
- 6.Reduces the necessary cabling/wiring necessary to control and network multiple servers
- 7.Allows us to duplicate the virtual machines to a future, identical machine to facilitate redundancy, reducing or eliminating downtime of server maintenance (FY18)

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		66,000				66,000
Total		66,000				66,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		66,000				66,000
Total		66,000				66,000

Budget Impact/Other

The purchase price above includes a five year warranty period, which is the expected life cycle for these servers. As a result, we would hope to replace them every five years so there are no expected recurring budget costs for this project. However, it may be possible to extend the life of the systems, but maintenance costs would be incurred for additional years to keep the systems operational. We do not know what the maintenance cost would be for that point in time.

City of Dover, Delaware

Department Police
Contact Police Chief
Type Improvement
Useful Life 20 years
Category General
Priority n/a
Status Active

Project # PD1901
Project Name Evidence Room Asbestos Abatement

New Project: _____ **Account Number:** _____
Time-Line: _____

Total Project Cost: \$20,000

Description

This project integrates with FY18-19 project for the new evidence storage facility. However the following information is provided as background for this request.

Within the past few years, the Police Department has been experiencing issues with the air quality in the building. As a result, Compliance Environmental was contracted to perform air quality sampling in the building. Several areas in the building were found to have elevated levels of mold and other particulates in the air samples. Although the levels present in the samples were not toxic, they were high enough that the experts recommended recurring samples be taken to monitor the levels to assure the safety of the people working in the building. The mold particles were found to be much higher in the air handling unit that services the main evidence storage area and the 911 Communications Supervisor’s office. The problems for this unit were found to be caused by the insufficient air flow present in the main evidence storage room. In addition, it was discovered that the ventilation for the evidence room, especially for the interior storage room for drugs/narcotics, was not vented properly to provide negative air flow in these areas. As a result, the odor of the drugs and narcotics stored in this room were being recirculated within the air handler unit, so other areas of the building were being exposed to the noxious odors.

The air quality study also made several recommendations that would help alleviate the odor issues in the building. The first step was to remove and dispose of the carpeting in the main evidence room and replace it with hard flooring to reduce the amount of contamination from the air. Before the carpeting could be removed, Compliance Environmental tested the flooring under the areas where the carpeting was to be removed. A portion of the main evidence room is located within the boundaries of the original building footprint, so the flooring in that area is much older than the flooring in other parts of the room which are located in the new section of the building. Samples were taken in all parts of the room and the testing revealed the presence of asbestos tile under the carpet. Removal of the carpeting in this area will require specialized equipment and process for removing the asbestos in the room and will also require the removal of all of the evidence property stored in the room, however, the temporary relocation of evidence to another area in the building is not possible because of the storage security requirements prescribed by police accreditation standards.

As a result, the timing for this project is requested to coincide with the timing for the construction of the new evidence facility. The cost estimate for this project was provided by Compliance Environmental.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		20,000				20,000
Total		20,000				20,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		20,000				20,000
Total		20,000				20,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category General
Priority n/a
Status Active

Project # PD1902
Project Name Police Station Chiller Replacement

New Project: Account Number:
Time-Line:

Total Project Cost: \$250,000

Description

This project integrates with FY2020 project for the new evidence storage facility. However, the following information is provided as background for this request.
 The Police Impound lot is currently located off-site at a location in Schutte park. Although the lot is fenced in, there have been recurring problems with break-ins and damage to the vehicles stored in the lot. The lot was originally located on the police station lot adjacent to the location of the old warehouse, before it was torn down and replaced. When the lot was located on the police station property, there was more visibility of the lot and the vehicles located there so there were no security issues.
 The timing for this project should coincide with the construction of the new evidence facility, so it should happen towards the end of the project or immediately after its completion.
 As a result, the timing for this project is requested to coincide with the timing for the construction of the new evidence facility. The cost for this facility was calculated using engineering cost estimates used by Dover AFB civil engineers for parking lots; \$10/square foot for paved areas plus \$100/linear foot for the fencing which includes outrigging on the fencing.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous		250,000				250,000
Total		250,000				250,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		250,000				250,000
Total		250,000				250,000

Budget Impact/Other

City of Dover, Delaware

Department Police
Contact Capt Stump
Type Unassigned
Useful Life 50 years
Category General
Priority n/a
Status Active

Project # PD2003
Project Name New Evidence Facility

New Project: Yes **Account Number:** 147-1700-541.40-31
Time-Line:

Total Project Cost: \$3,000,000

Description

There is currently insufficient space for managing evidence property within the Police Department. As criminal activities increase throughout the city, additional space is needed to store all the items taken into custody for the increasing workload. In addition, there are several locations throughout the police station and police warehouse that are currently being used for evidence storage. The main evidence storage facility is located on the first floor in the center of the police station and it houses the storage of the smaller current evidence articles and also contains another secured room inside of this area for the storage of illegal drugs.

Within the past few years, the Police Department has been experiencing issues with the air quality in the building. As a result, Compliance Environmental was contracted to perform air quality sampling in the building. Several areas in the building were found to have elevated levels of mold and other particulates in the air samples. Although the levels present in the samples were not toxic, they were high enough that the experts recommended recurring samples be taken to monitor the levels to assure the safety of the people working in the building. The mold particles were found to be much higher in the air handling unit that services the main evidence storage area and the 911 Communications Supervisor’s office. The problems for this unit were found to be caused by the insufficient air flow present in the main evidence storage room. In addition, it was discovered that the ventilation for the evidence room, especially for the interior storage room for drugs/narcotics, was not vented properly to provide negative air flow in these areas. As a result, the odor of the drugs and narcotics stored in this room were being recirculated within the air handler unit, so other areas of the building were being exposed to the noxious odors.

As a result, the cost to make all the modifications needed to the existing space most likely prove to be costlier and cause more complications, so building the new facility would be much easier and more effective.

The cost for this facility was calculated using engineering cost estimates used by Dover AFB civil engineers for vaulted buildings, garage areas and parking lots. A more defined cost and plans for the building would have to be procured from an engineering/design firm which would be provided at a significant cost.

Justification

This project will simplify the evidence storage dilemma:

- 1.Enhance the health and safety of the police station environment by removing the problematic evidence storage area to a separate location.
- 2.Provide for increased space for efficient storage without temporary relocation of the evidence storage area.
- 3.Provide the additional evidence storage space that is needed for future expansion.
- 4.Free up space in the police station for additional manpower and functions that are needed to accommodate the rise in crime.
- 5.Consolidate all evidence storage in one area to make management of these items easier and more efficient.
- 6.Adding the new facility could also make the movement of the vehicle impound lot back to an area on the police property more feasible and efficient since the vehicles in the lot would be observable from the police station, warehouse and new evidence facility.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance			3,000,000			3,000,000
Total			3,000,000			3,000,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund			3,000,000			3,000,000
Total			3,000,000			3,000,000

Budget Impact/Other

Initial air quality sampling was completed in FY16 (\$7,150). Asbestos testing in the main evidence area was completed in early FY17 (\$700). The recheck of air quality in two areas was performed in January 2017 (\$1,890) and recurring air quality testing was recommended to be performed semi-annually. As a result, \$2,000 was budgeted for each testing occurrence starting in FY18 at a cost of \$4,000/year.

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category General

Priority 1

Status Active

Project # ST1801
Project Name Street, Concrete and Alley program

New Project: No

Account Number: 147-1800-554.40-31

Time-Line: FY18-FY22

Total Project Cost: \$5,923,000

Description

This project will rehabilitate approximately three to five percent (3-5%) of the street and alley network each year. The estimated capital maintenance costs are \$33.7 million over a 20-year planning horizon in Fiscal Year 2005 dollars. This estimate is based on the needs survey conducted by Public Services in Fiscal Year 2004. Continuous maintenance on these assets will prevent costlier reconstruction in the future. This project combines the former Street Resurfacing Program, the Alley Program and the Barrier Free Access Ramp Program. Locations will be determined by the priority listing and by potential legislator contributions. Additionally, this program replaces and rehabilitates deteriorated sidewalks and curbs throughout the City using in-house labor and private contractors. This is in accordance with the ADA. Delaying or eliminated the project will result in continued complaints and insurance claims from citizens and visitors. In addition, further deterioration of the sidewalk network will occur.

Justification

The program identifies maintenance costs for the 83.01 miles of streets and 15.93 miles of alleys. Replacement of deteriorated curbs, gutters, and sidewalks provides improved use, drainage, and the appearance of the pavement section. The Street and Alley Program schedule is driven by funding and road ratings. Total street mileage is growing as more roads and alleys are dedicated for public maintenance due to growth. Additionally, this program promotes the interconnection of the sidewalk network to conform to ISTEA (Intermodal Surface Transportation Efficiency Act) and rehabilitates sidewalks that have root damage from City street trees. This program also facilitates compliance with the Americans with Disabilities Act as it relates to the pedestrian network as well as improving localized drainage issues.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000
Total	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000
Total	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50-80

Category General

Priority 2

Status Active

Total Project Cost: \$380,000

Project # ST1802
Project Name Miscellaneous Emergency Storm Sewer Repairs

New Project: Yes **Account Number:** 147-1800-554.40-31
Time-Line: FY17-FY21

Description
 This project will repair failing storm sewer infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification
 This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	70,000	73,000	76,000	79,000	82,000	380,000
Total	70,000	73,000	76,000	79,000	82,000	380,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	70,000	73,000	76,000	79,000	82,000	380,000
Total	70,000	73,000	76,000	79,000	82,000	380,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category General

Priority 3

Status Active

Project # ST1803
Project Name Meeting House Branch Improvements

New Project: No **Account Number:** 147-1800-554.40-31
Time-Line: FY18-FY20

Total Project Cost: \$8,220,000

Description

Due to the environmental concerns, the Meeting House Branch site (also known as PWII) will be redeveloped to improve stormwater quality entering Silver Lake. This project will also decrease the flooding in the area. The site will be converted to a stabilized park with water quality improvements for stormwater.

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Stringent environmental regulations will require improvements on the site. Improved stormwater control will enhance affected area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		2,740,000	2,740,000	2,740,000		8,220,000
Total		2,740,000	2,740,000	2,740,000		8,220,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		2,740,000	2,740,000	2,740,000		8,220,000
Total		2,740,000	2,740,000	2,740,000		8,220,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category General

Priority 4

Status Active

Project # ST1804
Project Name Redevelopment of Schutte Park

New Project: No **Account Number:** 147-1800-554.40-31

Time-Line: FY18-FY19

Total Project Cost: \$1,800,000

Description

In conjunction with the PW 2 site improvements, operations will be relocated to Schutte Park. The improvements include relocating the greenhouse, grounds office, equipment garage (including small engine repair).

 Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Relocation of existing city facility to Schutte Park will create a centralized location for divisions and increase operational efficiency.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,800,000				1,800,000
Total		1,800,000				1,800,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		1,800,000				1,800,000
Total		1,800,000				1,800,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 4

Status Active

Total Project Cost: \$250,000

Project # ST1805
Project Name Dover Library Conveyance System Improvements

New Project: Yes **Account Number:** 147-1800-554.40-31
Time-Line: FY18-FY19

Description
 This project, identified by staff, will upgrade the existing stormwater infrastructure that begins in the northeast corner of the Dover Public Library parking lot and travels due east to mirror lake and eventually St. Jones River.

Justification
 This will provide improved capacity and conveyance of stormwater from the City owned parking lot. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	50,000					50,000
Construction/Maintenance			200,000			200,000
Total	50,000		200,000			250,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	50,000		200,000			250,000
Total	50,000		200,000			250,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 6 --

Status Active

Project # ST1907
Project Name Brine Manufacturing System

New Project: Yes **Account Number:** 147-1800-554.40-31
Time-Line: FY18

Total Project Cost: \$45,000

Description

This project, identified by staff, will convert dry rock salt into liquid for pre-wetting or anti-icing roadways prior to inclement weather. The use of brine salt lowers the freezing point of snow and ice. The location of this system will be at Schutte Park.

Justification

This will provide a cost effective way to pre-treat the City of Dover roadways to enhance safety during snow and ice events.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		45,000				45,000
Total		45,000				45,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		45,000				45,000
Total		45,000				45,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 6 --

Status Active

Total Project Cost: \$200,000

Project # ST2005
Project Name The Greens of Dover/Lamplighter Ln Strmwtr Impr

New Project: Yes **Account Number:** 147-1800-554.40-31
Time-Line: FY20-FY21

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that is behind Lamplighter Lane, near the Greens of Dover. The existing forty-two inch (42") stormwater pipe has a temporary repair to handle the stormwater.

Justification

This will provide improved capacity and conveyance of stormwater from this area. Failure to improve this system will result in a future failure of the infrastructure and property damage.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			50,000			50,000
Construction/Maintenance					150,000	150,000
Total			50,000		150,000	200,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund			50,000		150,000	200,000
Total			50,000		150,000	200,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 4

Status Active

Total Project Cost: \$150,000

Project # ST2104
Project Name Reed Street Flooding Improvements

New Project: Yes **Account Number:** 147-1800-554.40-31
Time-Line: FY21-FY22

Description
 This project, identified by staff, will upgrade the existing stormwater infrastructure that is within Reed Street, near the intersection of Bradford Street. The current infrastructure is undersized.

Justification
 This will provide improved capacity and conveyance of stormwater from this street. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design				50,000		50,000	100,000
Total				50,000		50,000	Total

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
General Fund				50,000		50,000	100,000
Total				50,000		50,000	Total

Budget Impact/Other



WATER/WASTEWATER
FUND



City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
DE Sewer Revolving Loan Fund		250,000				250,000
Impact Fee Reserve		555,200	52,800	27,600	460,000	1,095,600
Water/Wastewater Fund	2,895,100	4,708,800	4,859,000	2,732,600	5,126,000	20,321,500
GRAND TOTAL	2,895,100	5,514,000	4,911,800	2,760,200	5,586,000	21,667,100

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Wastewater Management								
Meter Replacement Project	WW1800	n/a	216,100	229,000	229,000	229,000	229,000	1,132,100
Inflow/Infiltration Removal	WW1801	1	1,071,900	651,000	888,900	832,100	861,000	4,304,900
Miscellaneous Emergency Sanitary Sewer Repairs	WW1802	2	100,000	155,000	160,000	165,000	170,000	750,000
SCADA Equipment Technology Upgrade	WW1803	3	35,000	36,000	37,000	38,000	39,000	185,000
Puncheon Run Pump Station Improvements	WW1805	6	70,000	250,000				320,000
Delaware Tech Pump Station Replacement	WW1900	5		450,000				450,000
Tar Ditch Interceptor	WW1901	7		250,000				250,000
Silver Lake Pump Station Replacement	WW1902	5		462,000				462,000
Walker Woods Pump Station Replacement	WW1903	4		476,000				476,000
College Road Pump Station Replacement	WW2000	5			65,000		570,000	635,000
Turnberry Pump Station Replacement	WW2001	5			67,000		580,000	647,000
Heatherfield Pump Station Replacement	WW2100	5				69,000		69,000
Lepore Road Sanitary Sewer Upgrade	WW2206	6					33,100	33,100
Wastewater Management Total			1,493,000	2,959,000	1,446,900	1,333,100	2,482,100	9,714,100
Water Management								
Meter Replacement Program	WD1800	n/a	216,100	222,500	229,200	236,100	243,400	1,147,300
Wellhead Redevelopment Program	WD1801	1	55,000	90,000	92,500	95,000	97,500	430,000
Future Well Installation	WD1901	5		635,000	635,000			1,270,000
Denneys Road 1.0 MG Elevated Water Storage Tank	WD2005	5			84,000		1,495,000	1,579,000
Water Quality Improvements	WQ1801	2	425,000					425,000
Water Quality Improvements	WQ1802	2	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700
Miscellaneous Emergency Water Repairs	WQ1803	3	85,000	88,000	91,000	94,000	97,000	455,000
Water Management Total			1,402,100	1,255,000	1,994,900	1,427,100	3,103,900	9,183,000
Water Treatment Plant								
Water Treatment Plant Process Improvements	WD1902	4		1,300,000	1,470,000			2,770,000
Water Treatment Plant Total				1,300,000	1,470,000			2,770,000
GRAND TOTAL			2,895,100	5,514,000	4,911,800	2,760,200	5,586,000	21,667,100

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20 years

Category Water/Wastewater

Priority n/a

Status Active

Project # WW1800
Project Name Meter Replacement Project

New Project: Yes **Account Number:** 417-6900-569.40-25

Time-Line: FY18-FY22

Total Project Cost: \$1,132,100

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	216,100	229,000	229,000	229,000	229,000	1,132,100
Total	216,100	229,000	229,000	229,000	229,000	1,132,100

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	216,100	229,000	229,000	229,000	229,000	1,132,100
Total	216,100	229,000	229,000	229,000	229,000	1,132,100

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 50-80

Category Water/Wastewater

Priority 1

Status Active

Total Project Cost: \$4,304,900

Project # WW1801
Project Name Inflow/Infiltration Removal

New Project: No **Account Number:** 417-6900-569.40-31

Time-Line: FY18-FY22

Description

This project identifies and corrects areas in the sanitary sewer collection system that are deteriorating and allowing groundwater to enter the sanitary sewer system through cracked pipes and/or joints. Video investigations of the lines are performed by in-house crews to determine the condition of subject pipes which may also help with the identification of sump pumps and other illicit connections to the system which will have to be removed by individual property owners. Investigations are occurring systematically through the sewer basins to establish projects for the following year. Sanitary sewer lines are also being inspected in conjunction with water quality improvement project areas to determine main condition. Smoke testing, pipe relining and or replacement are to occur each year. The wet weather which was experienced in both 2003 and 2009/2010/2011, exemplified the fact that the aging and deteriorating sanitary sewer system allows groundwater and rain water to enter the system. This in turn results in higher treatment charges from Kent County. In FY 2011 a new groundwater inflow adjustment charge was established as a result. It is critical to continue making improvements on a regular and planned basis to improve the integrity of the wastewater system. Weather occurs in a cyclical fashion and discrepancies between fees collected and charges received will likely happen again when groundwater and precipitation levels rise. FY 17 projects include continuation of rehabilitating the White Oak Farms Basin #5, North State Street Repair and South State Street Repair. FY 18 projects include: approximately 20,700 linear feet of root control throughout the City, various pipe relining in various areas of the City and continuation of White Oak Farms Basin #5.

Justification

The wet weather experienced in both 2003 and 2009/2010/2011, highlighted the fact that we have an aging wastewater system that requires more attention to the condition of the old pipe network and more monitoring of illicit connections to the system. Inflow and infiltration are problems that all customers pay for since they are costs that are not assigned to an individual customer. Therefore, all customers are affected by expenses related to inflow and infiltration. Delaying or eliminating this project will result in continued higher treatment charges for wastewater flow to Kent County than is necessary. In addition, the reduction in available capacity in the City and county systems due to inflow and infiltration will reduce the capacity available for future growth.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	1,071,900	651,000	888,900	832,100	861,000	4,304,900
Total	1,071,900	651,000	888,900	832,100	861,000	4,304,900

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	1,071,900	651,000	888,900	832,100	861,000	4,304,900
Total	1,071,900	651,000	888,900	832,100	861,000	4,304,900

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 50-80

Category Water/Wastewater

Priority 2

Status Active

Total Project Cost: \$750,000

Project # WW1802

Project Name Miscellaneous Emergency Sanitary Sewer Repairs

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY18-FY22

Description

This project will repair failing sanitary sewer infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental contamination.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	100,000	155,000	160,000	165,000	170,000	750,000
Total	100,000	155,000	160,000	165,000	170,000	750,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	100,000	155,000	160,000	165,000	170,000	750,000
Total	100,000	155,000	160,000	165,000	170,000	750,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 10 years

Category Water/Wastewater

Priority 3

Status Active

Total Project Cost: \$185,000

Project # WW1803

Project Name SCADA Equipment Technology Upgrade

New Project: Yes

Account Number: 417-6900-569.40-25

Time-Line: FY18-FY22

Description

This project involves the replacement of antiquated and / or obsolete remote terminal units (RTU's) at wastewater pump stations with new up-to-date SCADA equipment. A new module will be installed at each station. This module will be utilized as the reporting equipment that will report real time data that depicts the status of alarms at the City's stations. The new module will utilize cellular service to transit all information through a web based program, which will allow multiple City personnel to access the information remotely. The City will replace six existing RTU's per year until the entire inventory of pump stations have been replaced.

Justification

Replace failing and antiquated equipment with completely new alarm reporting equipment to provide reliable SCADA system reporting to prevent the need for costly non-budgeted emergency repairs. Additionally, the current RTU maintenance contract will be retiring soon, putting the City at risk of securing a costly contract to provide repairs.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	35,000	36,000	37,000	38,000	39,000	185,000
Total	35,000	36,000	37,000	38,000	39,000	185,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	35,000	36,000	37,000	38,000	39,000	185,000
Total	35,000	36,000	37,000	38,000	39,000	185,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20 years

Category Water/Wastewater

Priority 6 --

Status Active

Total Project Cost: \$320,000

Project # WW1805
Project Name Puncheon Run Pump Station Improvements

New Project: No **Account Number:** 417-6900-569.40-31

Time-Line: FY18-FY19

Description

This project, identified by staff, will replace a failing grit removal system that is located within the Puncheon Run Pump Station. The existing infrastructure is failing and in need of upgrades. Estimates provided by JMT, Consulting Engineer.

Justification

Delaying these upgrades will reduce the efficiency of the pump station mentioned above, additionally, operational costs will continue to increase for the above mentioned pump stations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	70,000					70,000
Construction/Maintenance		250,000				250,000
Total	70,000	250,000				320,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	70,000	250,000				320,000
Total	70,000	250,000				320,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$450,000

Project # WW1900
Project Name Delaware Tech Pump Station Replacement

New Project: No **Account Number:** 417-6900-569.40-31

Time-Line: FY18

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1975 in order to handle the increased flows from the area. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to anticipated increase flow. Estimates provided by JMT, Consulting Engineer

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Design in Fiscal 2018; construction in Fiscal 2019

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		450,000				450,000
Total		450,000				450,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		180,000				180,000
Water/Wastewater Fund		270,000				270,000
Total		450,000				450,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Utilities Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 7 --

Status Active

Total Project Cost: \$250,000

Project # WW1901
Project Name Tar Ditch Interceptor

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY18

Description

This project, identified in the 2009 Wastewater Master Plan, requires approximately 300 linear feet of fifteen (15") gravity sanitary sewer replacement. It has been identified that the subject pipe is flowing with a reverse slope, which can cause a surcharge during peak flow periods. Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Delaying this project will result in preventing growth, as well as environmental issues with sewage surcharging onto the ground. Additionally, not addressing this issue could result in sewage backups to residences. Construction in Fiscal 2019.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		250,000				250,000
Total		250,000				250,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
DE Sewer Revolving Loan Fund		250,000				250,000
Total		250,000				250,000

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$462,000

Project # WW1902
Project Name Silver Lake Pump Station Replacement

New Project: No **Account Number:** 417-6900-569.40-31

Time-Line: FY17-FY19

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1982 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by JMT, Consulting Engineer.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2019.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		462,000				462,000
Total		462,000				462,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		184,800				184,800
Water/Wastewater Fund		277,200				277,200
Total		462,000				462,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 4

Status Active

Total Project Cost: \$476,000

Project # WW1903
Project Name Walker Woods Pump Station Replacement

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY20

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by JMT, Consulting Engineer.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2020.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		476,000				476,000
Total		476,000				476,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		190,400				190,400
Water/Wastewater Fund		285,600				285,600
Total		476,000				476,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$635,000

Project # WW2000

Project Name College Road Pump Station Replacement

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY20-FY21

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1987 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Associates, Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2020; construction in Fiscal 2021.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			65,000		570,000	635,000
Total			65,000		570,000	635,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve			26,000		228,000	254,000
Water/Wastewater Fund			39,000		342,000	381,000
Total			65,000		570,000	635,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$647,000

Project # WW2001

Project Name Turnberry Pump Station Replacement

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY21-FY22

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Associates, Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2021; construction in Fiscal 2022.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			67,000		580,000	647,000
Total			67,000		580,000	647,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve			26,800		232,000	258,800
Water/Wastewater Fund			40,200		348,000	388,200
Total			67,000		580,000	647,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Project # WW2100
Project Name Heatherfield Pump Station Replacement

New Project: Yes **Account Number:** 417-6900-569.40-31
Time-Line: FY22

Total Project Cost: \$69,000

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1985 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Associates, Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2022; construction in Fiscal 2026.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design				69,000		69,000
Total				69,000		69,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve				27,600		27,600
Water/Wastewater Fund				41,400		41,400
Total				69,000		69,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category Water/Wastewater

Priority 6 --

Status Active

Total Project Cost: \$33,100

Project # WW2206

Project Name Lepore Road Sanitary Sewer Upgrade

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY22

Description

This project calls for the replacement of approximately 374 linear feet of 8-inch gravity sewer main. Currently, the sewer main operates in a reverse slope condition, which overloads the pipe. The proposed upgrade will provide slope and adequate capacity for current flow to be carried to discharge. Estimates provided by Pennoni Associates, Consulting Engineer.

Justification

This project will allow for proper capacity and slope to handle the current flow. Delaying or eliminating this project could result in overflow of wastewater material. Design in FY 2022; construction will be scheduled for FY 2024.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design					33,100	33,100
Total					33,100	33,100

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund					33,100	33,100
Total					33,100	33,100

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 20 years

Category Water/Wastewater

Priority n/a

Status Active

Total Project Cost: \$1,147,300

Project # WD1800
Project Name Meter Replacement Program

New Project: Yes **Account Number:** 417-6800-568.40-25

Time-Line: FY18-FY22

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	216,100	222,500	229,200	236,100	243,400	1,147,300
Total	216,100	222,500	229,200	236,100	243,400	1,147,300

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	216,100	222,500	229,200	236,100	243,400	1,147,300
Total	216,100	222,500	229,200	236,100	243,400	1,147,300

Budget Impact/Other

Over time, the capabilities of a water meter to read accurate volumes of water deteriorates, typically registering less water than actually being consumed. With installation of new meters, accurate readings will increase the actual revenue from this utility.

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Project # WD1801
Project Name Wellhead Redevelopment Program

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 1

Status Active

New Project: No **Account Number:** 417-6800-568.40-31

Time-Line: FY18-FY22

Total Project Cost: \$430,000

Description

This project will provide for rehabilitation and repair of each deep wellhead in an effort to maintain operations and/or increase/maintain the yield of each well as it relates to the permitted allocation. FY 2008; total well inspection and testing performed. FY 2009: Motors at Wells #6A and #9 were rebuilt, and wells #13R and #15 were redeveloped. FY 2010: Well #10. FY 2011: Well #4 redevelopment and well piping improvements at various well locations, as well as continued well testing. FY 2012: Well #1 redevelopment. FY2013: complete repair of Well #10. FY2014: complete repair of well #14. FY2015 inspected: 2, 3, 11, 13R, 15, PW2 & PW4B. FY 2016 inspected: 4, 6, 8R, 9, 10, PW6A & PW8A. FY 2017 scheduled to be inspected: 1, 10 & 4B. FY 2018 tentative schedule: 7, PW6A, 14, PW5.

Justification

The well screening and gravel pack requires cleaning over time due to a buildup of mineral deposits and foreign materials such as clay and silt. This maintenance effort is critical to ensure that production can continue to meet demand. It is also necessary to maintain the operational aspects of each well and provide repairs as needed to minimize downtime to maintain system capacity. Delaying or eliminating this project would result in the continued deterioration of the well screen, gravel pack, and well yield over time. It would also result in increased well downtime, emergency repairs, and decreased capacity. These issues can lead to increased flow pattern changes and water quality concerns.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	55,000	90,000	92,500	95,000	97,500	430,000
Total	55,000	90,000	92,500	95,000	97,500	430,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	55,000	90,000	92,500	95,000	97,500	430,000
Total	55,000	90,000	92,500	95,000	97,500	430,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 100

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$1,270,000

Project # WD1901

Project Name Futrure Well Installation

New Project: Yes

Account Number: 417-6800-568.40-31

Time-Line: FY19-FY20

Description

The proposed project, identified by staff will drill a new well to increase production capacity for the water distribution system. Estimates provided by AECOM Corp., Consulting Engineer.

Justification

To meet increased water demand and fire suppression requirements. Delaying or eliminating this project would result in the continued reduction in our production capabilities under our permitted allocation, as well as limiting the City's growth. Initial planning was conducted in FY16, design scheduled for FY17 and construction in both FY19 and FY20.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		635,000	635,000			1,270,000
Total		635,000	635,000			1,270,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund		635,000	635,000			1,270,000
Total		635,000	635,000			1,270,000

Budget Impact/Other

Electrical costs will increase in the Operations Budget

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 100

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: \$3,074,000

Project # WD2005

Project Name Denneys Road 1.0 MG Elevated Water Storage Tank

New Project: Yes

Account Number: 417-6800-568.40-31

Time-Line: FY20, FY22-FY23

Description

The proposed project, identified by staff and confirmed by the 2004 Water Master Plan Update, will construct a new 1.0 million gallon elevated storage tank within the distribution system. The City has a pending memorandum of understanding with the property owners of Stonebrook East to construct the tank on their property.

Justification

This project was determined necessary by the 2004 Water Mater Plan update in order to meet future storage volume requirements based upon demands and to aid in reducing low pressure areas and enhance fire suppression capability. The design and land purchase is scheduled for FY20 and construction is scheduled to begin in FY22 and conclude in FY23.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design			50,000			50,000	1,495,000
Land Acquisition			34,000			34,000	
Construction/Maintenance					1,495,000	1,495,000	
Total			84,000		1,495,000	1,579,000	

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Water/Wastewater Fund			84,000		1,495,000	1,579,000	1,495,000
Total			84,000		1,495,000	1,579,000	Total

Budget Impact/Other

Electrical costs will increase in the Operations Budget

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Project # WQ1801

Project Name Water Quality Improvements

Type Improvement

Useful Life 90+ years

Category Water/Wastewater

Priority 2

Status Active

New Project: No

Account Number: 417-6800-568.40-31

Time-Line: FY18-FY22

Total Project Cost: \$425,000

Description

This project was first identified by staff and the 2006 Water Master Plan Update, and has since become further refined with the FY 2006 Water Quality Evaluation. Projects to be included under this category primarily consist of replacement or relining of old unlined cast iron water main within the City's water distribution system; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collection has produced a Water Main Rehabilitation Priority List, based on several criteria to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Between FY 2008 and FY 2010, the deep well contact chambers were designed and installed. Between FY 2008 and FY 2011 the water mains that were replaced include, Washington Street, Pennsylvania Avenue, South Street, Pear Street, West Street, Hazel Road, Maryland Avenue, American Avenue, Bayard Avenue, Greenhill Avenue, Bayard Avenue Alley and Lookerman Street. Operational efforts, such as flushing, will continue to occur on a routine basis. FY 2012 improvements include, N. Pennsylvania Ave., American Ave. Ext., Madison St., Rodney Rd., New Street, Ross Street and Bradford Street (near Wesley College). FY 2013 improvements included North Street. As part of the Water Main Rehabilitation Priority List, water lines were identified throughout the City that requires replacement/relining. FY 2017 planned roads include: New Street (Water St. to Lookerman), Bradford Street (Lookerman St. to Division St.) and William Street (Pear St. to State St.). FY 2018 scheduled roads are the following:

-WQ1801 - Bradford Street (Lookerman Street to Division Street) - \$425,000

-WQ1802 - William Street (Pear Street to State Street) - \$621,000

Justification

Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2006 Water Master Plan Update, and the FY 2006 Water Quality Evaluation. Delaying or eliminating this project will prolong customer dissatisfaction and further erode confidence in the City's water supply. In addition, main rehabilitation and replacement, ensuring pipes do not significantly exceed the expected life cycle, is critical to provide a reliable supply of water for our customers and for fire suppression. Water leaks and breaks on older lines can have a significant impact on our ability to serve over time. Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous	425,000					425,000
Total	425,000					425,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	425,000					425,000
Total	425,000					425,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category Water/Wastewater

Priority 2

Status Active

Project # WQ1802
Project Name Water Quality Improvements

New Project: No **Account Number:** 417-6800-568.40-31

Time-Line: FY18-FY22

Total Project Cost: \$3,876,700

Description

This project was first identified by staff and the 2006 Water Master Plan Update, and has since become further refined with the FY 2006 Water Quality Evaluation. Projects to be included under this category primarily consist of replacement or relining of old unlined cast iron water main within the City's water distribution system; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collection has produced a Water Main Rehabilitation Priority List, based on several criteria to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Between FY 2008 and FY 2010, the deep well contact chambers were designed and installed. Between FY 2008 and FY 2011 the water mains that were replaced include, Washington Street, Pennsylvania Avenue, South Street, Pear Street, West Street, Hazel Road, Maryland Avenue, American Avenue, Bayard Avenue, Greenhill Avenue, Bayard Avenue Alley and Lookerman Street. Operational efforts, such as flushing, will continue to occur on a routine basis. FY 2012 improvements include, N. Pennsylvania Ave., American Ave. Ext., Madison St., Rodney Rd., New Street, Ross Street and Bradford Street (near Wesley College). FY 2013 improvements included North Street. As part of the Water Main Rehabilitation Priority List, water lines were identified throughout the City that requires replacement/relining. FY 2017 planned roads include: New Street (Water St. to Lookerman), Bradford Street (Lookerman St. to Division St.) and William Street (Pear St. to State St.). FY 2018 scheduled road is North State Street and portions of West Street West Alley (Walker Road to William Street).

-WQ1801 - Bradford Street (Lookerman Street to Division Street) - \$425,000
 -WQ1802 - William Street (Pear Street to State Street) - \$621,000

Justification

Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2006 Water Master Plan Update, and the FY 2006 Water Quality Evaluation. Delaying or eliminating this project will prolong customer dissatisfaction and further erode confidence in the City's water supply. In addition, main rehabilitation and replacement, ensuring pipes do not significantly exceed the expected life cycle, is critical to provide a reliable supply of water for our customers and for fire suppression. Water leaks and breaks on older lines can have a significant impact on our ability to serve over time. Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700
Total	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700
Total	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 50-80

Category Water/Wastewater

Priority 3

Status Active

Total Project Cost: \$455,000

Project # WQ1803

Project Name Miscellaneous Emergency Water Repairs

New Project: Yes

Account Number: 417-6800-568.40-31

Time-Line: FY18-FY22

Description

This project will repair failing water infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	85,000	88,000	91,000	94,000	97,000	455,000
Total	85,000	88,000	91,000	94,000	97,000	455,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	85,000	88,000	91,000	94,000	97,000	455,000
Total	85,000	88,000	91,000	94,000	97,000	455,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* FY 22

City of Dover, Delaware

Department Water Treatment Plant
Contact Public Utilities Director
Type Improvement
Useful Life 20-25 years
Category Water/Wastewater
Priority 4
Status Active

Project # WD1902
Project Name Water Treatment Plant Process Improvements

New Project: Yes **Account Number:** 417-7600-576.40-31
Time-Line: FY18

Total Project Cost: \$2,770,000

Description

This project, identified in the 2006 Water Master Plan Update, proposes process improvements to the existing Water Treatment Plant. Due to limitations with the Ozone Contactors, the capacity at the Water Treatment Plant is not producing 5.0 million gallons per day, as originally designed. A consultant was secured to determine the best means and improvements necessary to rehabilitate the infrastructure. The design of the improvements will change the treatment system and have an output of 3.0 million gallons per day; construction to begin in Fiscal Year 2018 and scheduled to complete in Fiscal Year 2019.

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,300,000	1,470,000			2,770,000
Total		1,300,000	1,470,000			2,770,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund		1,300,000	1,470,000			2,770,000
Total		1,300,000	1,470,000			2,770,000

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Drinking Water State Revolving Fund Loan.



ELECTRIC FUND



City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Developer Contribution	620,000	620,000	620,000	620,000	620,000	3,100,000
Electric I & E Fund	3,828,000		150,000			3,978,000
Electric Revenue	2,043,500	6,234,900	3,214,000	2,990,000	2,610,000	17,092,400
Future Capacity Reserve Fund			6,000,000			6,000,000
General Fund		237,000	239,800			476,800
Water/Wastewater Fund		263,000	266,200			529,200
GRAND TOTAL	6,491,500	7,354,900	10,490,000	3,610,000	3,230,000	31,176,400

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Admin								
Refrig Piping & Thermostat Wire for Heat Pumps	EE1818	1	8,500					8,500
Reed Street HVAC Major Overhaul	EE1819	1		1,175,200				1,175,200
Electric Admin Total			8,500	1,175,200				1,183,700
Electric Engineering								
Townpoint Development ~ Distribution Feeders	EE1513	1	350,000	350,000	350,000	350,000		1,400,000
Garrison Oak / Sun Park Substation	EE1801	5	50,000		6,000,000			6,050,000
Ann Avenue Underground Upgrade	EE1802	2	133,000					133,000
Beechwood Avenue Underground Upgrade	EE1803	3	83,000					83,000
Advanced Metering Infrastructure (AMI)	EE1804	1	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000
Manor Drive Upgrades	EE1805	3	51,000					51,000
Hirsch Industries Upgrades	EE1806	3	59,000					59,000
McKee Run Plant Alternate Power	EE1807	1	100,000					100,000
North Street Substation Sewer Repair	EE1808	2	50,000					50,000
Fiber Mapping	EE1809	2	69,000					69,000
Fault Indicators	EE1810	2	10,000	10,000	10,000			30,000
Transmission Line Maintenance Program	EE1814	2	50,000	50,000	50,000	50,000		200,000
Lighting Project and Rehabilitation	EE1815	1	100,000	50,000	50,000	50,000		250,000
Distribution Capacitors and Controls	EE1816	2	35,000	35,000	35,000	35,000		140,000
Ampacity Standardization	EE1817	2	25,000	25,000	25,000	25,000		100,000
System Operations Voice Recorder	EE1900	1		18,000				18,000
Farmview Underground Upgrade	EE1901	2		113,000				113,000
The Greens Underground Upgrade	EE1902	3		92,000				92,000
Derby Estates Upgrade	EE1903	1		130,000				130,000
69 kV Cable Replacement North Street	EE1904	1		480,700				480,700
Substation Relay Upgrade	EE1905	2		150,000	75,000			225,000
College Road Consolidation	EE1906	6		120,000				120,000
System Automation	EE1907	4		150,000	150,000	150,000	150,000	600,000
Distribution Upgrades	EE1908	1		250,000	250,000	250,000	600,000	1,350,000
Electric Engineering Total			1,315,000	3,323,700	8,295,000	2,210,000	2,050,000	17,193,700
Electric T & D								
Meter Test Bench Replacement	EE 1811	1	40,000					40,000
ABB Switchgear Replacement	EE1812	1	450,000					450,000
New Developments	EE1813	1	850,000	850,000	850,000	850,000	850,000	4,250,000
Electric T & D Total			1,340,000	850,000	850,000	850,000	850,000	4,740,000
Finance								
Enterprise Resource Planning (ERP) Solution	FN1701	1	1,500,000	500,000	506,000			2,506,000
Finance Total			1,500,000	500,000	506,000			2,506,000
Power Plant								

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Van Sant Unit 11 Major Overhaul	EG1701	1	1,548,000		150,000			1,698,000
McKee Run Unit #3 Boiler Systems	EG1702	1	100,000	299,000	80,000	235,000	175,000	889,000
McKee Run Unit 3 Auxiliary System Components	EG1707	2	100,000	277,000	213,000	55,000	65,000	710,000
McKee Run Building Equipment Replacement	EG1800	8	20,000	27,000	66,000	45,000	50,000	208,000
Plant Systems Safety & Compliance Improvements	EG1801	6	70,000	140,000				210,000
McKee Run & VanSant - Preservation of Structures	EG1802	9	55,000	100,000	125,000	125,000		405,000
VanSant Fire Suppression System Upgrade	EG1803	3	235,000					235,000
Unit #3 Fast Start Upgrade (Accelerated Startup)	EG1804	7	200,000					200,000
Unit #3 Large Equipment Inventory	EG1900	1		170,000	110,000			280,000
Van Sant Unit 11 Component Replacements	EG1901	1		55,000	70,000	90,000	40,000	255,000
McKee Run Unit 3 Turbine Repairs Intercept Valves	EG1902	2		438,000	25,000			463,000
Power Plant Total			2,328,000	1,506,000	839,000	550,000	330,000	5,553,000
GRAND TOTAL			6,491,500	7,354,900	10,490,000	3,610,000	3,230,000	31,176,400

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Admin

Contact Electric Director

Type Maintenance

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: \$8,500

Project # EE1818
Project Name Refrig Piping & Thermostat Wire for Heat Pumps

New Project: Yes **Account Number:** 487-8400-564.40-31
Time-Line: FY18

Description
 Replace refrigerant piping and thermostat wire for heat pumps at Electric Administration, 860 Buttner Place.

Justification
 Ongoing failures resulting in multiple "BandAid" repairs resulting in significant bills impacting the operating budget.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	8,500					8,500
Total	8,500					8,500

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	8,500					8,500
Total	8,500					8,500

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Admin

Contact

Type Improvement

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: \$1,175,200

Project # EE1819
Project Name Reed Street HVAC Major Overhaul

New Project: Yes **Account Number:** 487-8400-564.40-31
Time-Line: FY18

Description
 The failing HVAC system at Reed Street will need a major overhaul. We are waiting on firm estimates as of 2.15.2017

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,175,200				1,175,200
Total		1,175,200				1,175,200

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		1,175,200				1,175,200
Total		1,175,200				1,175,200

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20-25 years

Category Electric

Priority 1

Status Active

Project #	EE1513
Project Name	Townpoint Development ~ Distribution Feeders

New Project: Yes

Account Number: 487-8300-563.90-25

Time-Line: Multi-year

Total Project Cost: \$2,350,000

Description

FY17 - This project will continue to remove troublesome overhead distribution wiring and replace with underground installations. Current plan is broken into 4 phases dependent on rate structure of boring, electrician services and landscaping fees and was initially approved for a four year completion. Due to changes in prices, this request will be for a funding out to 2021 at the same \$350,000 per year allocated. Current activity has completed 75% of the first of five phases planned across the next five years (FY17-21). Phases will be completed as funding dictates during the associated FY accounting for contractor costs and associated expenses.

FY16 - This project involves the systemic replacement of overhead lines with underground lines. Whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

Justification

FY17 - The conversion from overhead to underground will improve reliability and stability of electric service to the residents of the subdivision.

FY16 - The number of storm and tree-related outages has been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
950,000	Construction/Maintenance	350,000	350,000	350,000	350,000		1,400,000
Total	Total	350,000	350,000	350,000	350,000		1,400,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
950,000	Electric Revenue	350,000	350,000	350,000	350,000		1,400,000
Total	Total	350,000	350,000	350,000	350,000		1,400,000

Budget Impact/Other

FY17 - Previously approved for \$1,350,000 over 4 years starting FY2015 (\$250,000/\$350,000/\$350,000/\$350,000) with approximately \$600,000 spent on initial installation and phased in progress through the development. This request would extend initial request from 4 years to 7 years for an additional \$1,050,000 in funding from FY 2019-2021.

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Total Project Cost: \$133,000

Project # EE1802
Project Name Ann Avenue Underground Upgrade

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY18

Description
 Replace the original underground primary cabling in the Ann Avenue Development and convert from direct bury to bored installation.

Justification
 This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.
 FY17 Increase from \$126,000 to \$133,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	133,000					133,000
Total	133,000					133,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	133,000					133,000
Total	133,000					133,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 3

Status Active

Project # EE1803
Project Name Beechwood Avenue Underground Upgrade

New Project: Yes

Account Number: 487-8300-563.40-31

Time-Line: FY18

Total Project Cost: \$83,000

Description

Replace the original underground primary cabling in the Beechwood Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

FY17 Increase from \$80,000 to \$83,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	83,000					83,000
Total	83,000					83,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	83,000					83,000
Total	83,000					83,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20 years

Category Electric

Priority 1

Status Active

Project # EE1804
Project Name Advanced Metering Infrastructure (AMI)

New Project: Yes **Account Number:** 487-8300-563.60.46

Time-Line: FY18-FY23

Total Project Cost: \$6,650,000

Description
 Design and installation of an advanced metering infrastructure encompassing both electric and water meters throughout the city.

Justification
 This system will give the city the ability to read and totalize billing for primary billed customers. It would also eliminate on-site reconnects and disconnects which would reduce wear and tear on vehicles and reduce overtime by allowing these actions to be accomplished using a computer terminal. This system also allows quicker identification of outages, manage peak loads, give better ability to regulate voltages in the system, predictive outage management vs. reactive and load control and rate adjustment data. This system could also save revenues due to better theft protection and when fully implemented drastically reduce the reading time of the 109 total routes driven by the meter readers. Existing meter readers would be utilized in more of a maintenance function to respond to any outages or failures in the system when fully implemented. Project will continue through 2023.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Construction/Maintenance	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	1,300,000
Total	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	Total

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Electric Revenue	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	1,300,000
Total	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	Total

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 20 years

Category Electric

Priority 2

Status Active

Total Project Cost: \$50,000

Project # EE1808
Project Name North Street Substation Sewer Repair

New Project: Yes **Account Number:** 487-8300-563.90-25
Time-Line: FY18

Description
 Repair of the North Street Substation sewer lateral providing sewer service to the North Street and General Scott substation yard.

Justification
 The sewer lateral under the North Street Substation building has collapsed and is in need of repair. Given the current condition of the lateral, fluid collects in the collapsed line and does not allow the complete evacuation of sewer gasses. This not only causes a bad odor in the substation but the collection of methane gas could cause a hazard with the operation of electrical equipment in the building.
 Estimates were requested by the list of contractors provided by Public Works and they ranged from \$25,000 to \$50,000. Amount of \$50,000 requested would be a high end estimate and a bidding process would be accomplished to select the lowest bidder.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	50,000					50,000
Total	50,000					50,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Technology

Useful Life Ongoing Updates

Category Electric

Priority 2

Status Active

Project # EE1809
Project Name Fiber Mapping

New Project: Yes **Account Number:** 487-8300-563.60-64
Time-Line: FY18

Total Project Cost: \$69,000

Description
 Utilize current fiber contractor to perform a 100% inventory and mapping of the city's fiber system.

Justification
 During recent projects involving fiber and the growth of dark fiber leases to outside sources, certain areas of the City's fiber network are becoming congested. There has not been an accurate oversight and evaluation of the fiber system in many years and there have been many discrepancies discovered in our drawings. Due to increasing regulatory requirements from compliance and governing agencies, the ability to use and forecast additions to the fiber infrastructure are critical. This project will allow us to determine our limitations and capabilities and to develop expansion plans in the future.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	69,000					69,000
Total	69,000					69,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	69,000					69,000
Total	69,000					69,000

Budget Impact/Other
 Expense type. Not an asset.

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 10-12 years

Category Electric

Priority 1

Status Active

Project # EE1815
Project Name Lighting Project and Rehabilitation

New Project: No **Account Number:** 487-8300-563.50-76
Time-Line: Continuous

Total Project Cost: \$300,000

Description

FY17 - Continual replacement of existing lighting and upgrade of lighting to more energy efficient LED lights. There were 25 lights on RT 13 that were converted to LED. Coordinating with Dover Police Department to install LEDs in several alleys to provide better lighting for residents and emergency responders.

FY16 -This fund was developed to replace and repair existing street lights or install new lights upon customer request.

COMMENTS: This fund will remain active as long as there are improvements to be made. Private area lighting requests are a source of revenue for the City. Areas completed are White Oak Apartments, Westfield, Fairview, Cranberry Run, Millcreek, Independence Village and Governors Avenue (South 100 Block), Deerfield, Central Middle School, Fox Hall, Hidden Oaks, a portion of North Governors Ave, The Meadows, Turnberry, Baltray, Bicentennial, The Overlook and Woodcrest. Areas to be completed this budget year include Old Mill Acres and Eagles Nest.

Justification

FY17 -radual conversion of existing lights to LED lights will provide a longer useful life and reduce replacement costs as well as monthly electric consumption for the City.

FY16 - The Electric Division receives numerous requests for lighting improvements. These requests are due to the lights aging, and as they age they put out less light and become unreliable. There are many developments that are in need of street light improvements. This fund would also provide funding for new private security light requests.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Constant complaints of poor street lighting and multiple failures due to antiquated lights.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Construction/Maintenance	100,000	50,000	50,000	50,000		250,000
Total	Total	100,000	50,000	50,000	50,000		250,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Electric Revenue	100,000	50,000	50,000	50,000		250,000
Total	Total	100,000	50,000	50,000	50,000		250,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Project # EE1817
Project Name Ampacity Standardization

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY17-FY21

Total Project Cost: \$125,000

Description
 Standardize the primary overhead and underground distribution wiring to allow consistent ampacity throughout the City's feeders.

Justification
 This project will replace segments of overhead and underground wiring to allow for a consistent ampacity rating throughout the City. Currently there are several sections of primary distribution wiring that lower the overall ampacity of the circuit which can hinder growth, cause equipment failure and cause outages due to increased demand. This project will be worked in conjunction with other projects to increase reliability and stability of the City's infrastructure.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
25,000	Construction/Maintenance	25,000	25,000	25,000	25,000		100,000
Total	Total	25,000	25,000	25,000	25,000		100,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
25,000	Electric Revenue	25,000	25,000	25,000	25,000		100,000
Total	Total	25,000	25,000	25,000	25,000		100,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Equipment

Useful Life 5-10 years

Category Electric

Priority 1

Status Active

Total Project Cost: \$18,000

Project # EE1900
Project Name System Operations Voice Recorder

New Project: Yes **Account Number:** 487-8300-563.40-25
Time-Line: FY19

Description
 Replace aging System Operations voice recorder

Justification
 The voice recorder is used to tape all System Operations phone calls and radio traffic. These recordings contain switching schedule and outage radio traffic which may be required for litigation purposes.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		18,000				18,000
Total		18,000				18,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		18,000				18,000
Total		18,000				18,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Project # EE1901
Project Name Farmview Underground Upgrade

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY19

Total Project Cost: \$113,000

Description
 Replace the original underground primary cabling in the Farmview Development and convert from direct bury to bored installation.

Justification
 This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.
 FY17 Increase from \$110,000 to \$113,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		113,000				113,000
Total		113,000				113,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		113,000				113,000
Total		113,000				113,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 3

Status Active

Project # EE1902
Project Name The Greens Underground Upgrade

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY19

Total Project Cost: \$92,000

Description
 Replace the original underground primary cabling in the Greens Development and convert from direct bury to bored installation.

Justification
 This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.
 FY17 Increase from \$90,000 to \$92,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		92,000				92,000
Total		92,000				92,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		92,000				92,000
Total		92,000				92,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: \$130,000

Project # EE1903
Project Name Derby Estates Upgrade

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY19

Description
 Replace aging infrastructure that has been installed for 25 + years.

Justification
 Current equipmetn and cable have been installed for over 25 years and have reached the end of their life expectancy. This will replace all pedestals, transformers and cables while also removing the old direct bury cable and replacing with conduit to provide increased protection and reliability of the equipment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		130,000				130,000
Total		130,000				130,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		130,000				130,000
Total		130,000				130,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 25 - 30 years

Category Electric

Priority 2

Status Active

Project # EE1905
Project Name Substation Relay Upgrade

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY17 - FY19

Total Project Cost: \$350,000

Description
 Replacement of selected relay components to standardize the entire COD system by converting to an all Schweitzer relaying and protection configuration. Replace out dated substation Relaying (protection) equipment and upgrade RTAC (Real-Time Automation Controller)

Justification
 This upgrade will greatly improve the monitoring capabilities of the city's distribution system and add the capability of monitoring power factor at all substations. This upgrade will also help in analyzing the fault and determining the causes of outages and anomalies. It will also improve the system reliability with the upgrade to the RTAC by providing more dependable and real time monitoring of the COD power grid through the SCADA system.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
125,000	Planning/Design		50,000				50,000
	Construction/Maintenance		100,000	75,000			175,000
Total	Total		150,000	75,000			225,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
125,000	Electric Revenue		150,000	75,000			225,000
Total	Total		150,000	75,000			225,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 25 - 30 years

Category Electric

Priority 6 --

Status Active

Project # EE1906
Project Name College Road Consolidation

New Project: Yes **Account Number:** 487-8300-563.40-31
Time-Line: FY18

Total Project Cost: \$120,000

Description

The high-side of the substation will be upgraded to include transmission line protection breakers.

Justification

This project will consolidate the College Road substation into one existing building instead of the current configuration taking up two buildings. The metal clad switchgear has eight distribution circuits breakers and all the distribution protection relays. All the 69kv transmission line protection relays are in the old College Road building, which is about 25 years old. We would like to move the 69kv transmission line protection relays in to the metal clad switchgear with all the other relays so we will have all the protection relays in one location. By keeping all the relays in one location, this will help us reduce the restoration time during an outage as well as cut down the maintenance cost by eliminating the extra building. Subsequent removal of the unused building will also allow for further expansion of the substation as required.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		60,000				60,000
Construction/Maintenance		60,000				60,000
Total		120,000				120,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		120,000				120,000
Total		120,000				120,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 5-10 years

Category Electric

Priority 4

Status Active

Total Project Cost: \$600,000

Project # EE1907
Project Name System Automation

New Project: Yes **Account Number:** 487-8300-563.70-28
Time-Line: FY18-FY21

Description
 Design, develop, and install a self-healing or "smart" distribution system.

Justification
 This project will include an engineering study to be performed using a system model to develop a scheme that will allow the distribution system to be self-healing in the event of a fault. Following the study, automation equipment will be purchased to detect problems on the system, isolate the affected area, and reenergize lines not affected. This will improve the reliability of the city's local electric grid, minimize customer outages, and increase customer satisfaction.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		150,000	150,000	150,000	150,000	600,000
Total		150,000	150,000	150,000	150,000	600,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		150,000	150,000	150,000	150,000	600,000
Total		150,000	150,000	150,000	150,000	600,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20-25 years

Category Electric

Priority 1

Status Active

Project # EE1908
Project Name Distribution Upgrades

New Project: No **Account Number:** 487-8300-563.90-25

Time-Line: On Going Maint.

Total Project Cost: \$1,350,000

Description

This project involves the systemic replacement of overhead lines with underground lines whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

This account is used to upgrade any trouble areas during the year.

Justification

The number of storm and tree-related outages have been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		250,000	250,000	250,000	600,000	1,350,000
Total		250,000	250,000	250,000	600,000	1,350,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		250,000	250,000	250,000	600,000	1,350,000
Total		250,000	250,000	250,000	600,000	1,350,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric T & D

Contact Electric Director

Type Equipment

Useful Life 10 years

Category Electric

Priority 1

Status Active

Total Project Cost: \$40,000

Project # EE 1811
Project Name Meter Test Bench Replacement

New Project: Yes **Account Number:** 487-8200-562.40-25
Time-Line: FY18

Description
 Automated singel / three phase meter test system bench.

Justification
 Current test bench is failing and the equipment is no longer supported for repairs.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	40,000					40,000
Total	40,000					40,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric T & D

Contact Electric Director

Type Improvement

Useful Life 20 years

Category Electric

Priority 1

Status Active

Total Project Cost: \$450,000

Project # EE1812
Project Name ABB Switchgear Replacement

New Project: Yes **Account Number:** 487-8200-562.60-34
Time-Line: FY18

Description
 Replacement of habitually failing switchgear (ABB, manufactured 2009 & 2012) in service throughout the city plus associated elbows and other items found defective.

Justification
 There are currently 21 switchgears in service that will require replacement under this CIP, 13 PME-9 and 8 PME-11. The city has replaced approximately 6 of these switchgears over the last year after they experienced catastrophic failure. Some of those replaced were done so proactively prior to failure. We have determined the most likely cause of the failure is due to accumulation of moisture in this particular manufacturer and date of manufacture. This company no longer offers this product on the market and we have no more in our warehouse. We have not experienced a similar failure rate with other manufacturers in service around the city.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	450,000					450,000
Total	450,000					450,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	450,000					450,000
Total	450,000					450,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Electric T & D

Contact Public Works Director

Type Improvement

Useful Life 30+ years

Category Electric

Priority 1

Status Active

Project # EE1813
Project Name New Developments

New Project: No

Account Number: 4878200-562.Several

Time-Line: Continuous

Total Project Cost: \$4,250,000

Description

This project purchases materials and equipment that are used to provide electric service to new housing developments, businesses, and industrial developments. Additionally, a portion of this expense is offset by the extension payments whereby new developers pay a \$1,600 per residential lot connection fee, or business and industrial developers pay the total material expense for line extensions.

This is an ongoing project and affects three separate accounts:

487-8200-562.60-31

487-8200-562.60-34

487-8200-562.60-46

COMMENTS: Not all new development projects are known during budget preparation, as some will arise during the year.

Justification

During the course of each budget year, new developers request line extensions for new electric projects. Some are new projects, while other projects may have received plan approval previously but were not completed for any number of reasons.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	850,000	850,000	850,000	850,000	850,000	4,250,000
Total	850,000	850,000	850,000	850,000	850,000	4,250,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Developer Contribution	620,000	620,000	620,000	620,000	620,000	3,100,000
Electric Revenue	230,000	230,000	230,000	230,000	230,000	1,150,000
Total	850,000	850,000	850,000	850,000	850,000	4,250,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Finance
Contact Controller/Treasurer
Type Technology
Useful Life 10 years
Category Electric
Priority 1
Status Active

Project # FN1701
Project Name Enterprise Resource Planning (ERP) Solution

New Project: Yes **Account Number:** 480-9900-582.90-23
Time-Line: FY17-FY21

Total Project Cost: \$2,606,000

Description

This project involves consulting services and purchase of Enterprise Resource Planning (ERP) Solution to support the business processes of the City of Dover.

Justification

The City's current ERP software is Sungard Public Sector's Select/Naviline version 8.0.2.0. It is an IBM System powered environment (iSeries). This system is a legacy system that came out of the Y2K era, when previous systems were not programmed for the year 2000. The Sungard Public Sector system was purchased in April 1997.

The technology for ERP systems have evolved from mainframe based systems (AS400) to Personal Computer (PC) based systems either hosted by the software provider through the internet or hosted by the customer on file servers. The industry trend is to drive access to customers with web and app based delivery models.

Project Strategy & Objectives:

- The City requires an integrated environment where any user can access the data they need.
- The City will emphasize a self-service environment with technology enabling and not hindering the users to easily access data with the proper controls at the point of data entry.
- The City desires to utilize rational data base technology plus easy report and query writing tools to accomplish this.
- The City realizes that this goal will not be accomplished through new technology alone but also requires extensive process changes and organizational support.
- Management requires better access to data, information and reporting that is currently unavailable or significantly restricted.
- As a result of current limitations to functionality and access to data, City personnel have developed work-around processes that are impacting City business.
- Third-party software integrations with the current system are extremely difficult, limited or unavailable.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
100,000	ERP System	1,500,000	500,000	506,000			2,506,000
Total	Total	1,500,000	500,000	506,000			2,506,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
100,000	Electric I & E Fund	1,500,000					1,500,000
	General Fund		237,000	239,800			476,800
	Water/Wastewater Fund		263,000	266,200			529,200
Total	Total	1,500,000	500,000	506,000			2,506,000

Budget Impact/Other

Annual Operating impact is being evaluated to determine the net difference with the current ERP/ancillary systems and support versus the recommended solution. The current estimate for the new fully integrated ERP solution is approximately \$300,000 annually. Current cost is being evaluated as above.

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Improvement
Useful Life 20 years
Category Electric
Priority 1
Status Active

Project # EG1701
Project Name Van Sant Unit 11 Major Overhaul

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: FY17 - FY19

Total Project Cost: \$2,098,000

Description

This project will perform a major overhaul on the turbine generator based on Original Equipment Manufacturer (OEM) recommended repair frequency which is based on factored starts of the Unit from first commissioning and from last inspection / repair interval. This project will be implemented in 2017 with long lead material purchases and spare parts (fuel nozzles) refurbishment in 2017 and the open, inspection and repair of the combustion turbine during the 2018 budget year.

Justification

This project is required to fund the purchase of all parts needed to perform a major overhaul on the unit based on estimated factored starts since unit was first commissioned and since last the Hot Gas Path inspection. This project will span the course of two years. In Year 1, the majority of the long lead parts will be purchased and spare parts (fuel nozzles) refurbishment. Services will be identified in year 2 and the actual installation will be performed in Year 2. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges. In addition, gradual degradation of the unit's output could occur which would have a negative effect on the capacity rating of the unit and reliability of the unit.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
400,000	Construction/Maintenance	1,548,000	150,000				1,698,000
Total	Total	1,548,000	150,000				1,698,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
400,000	Electric I & E Fund	602,200					602,200
	Electric Revenue	945,800	150,000				1,095,800
Total	Total	1,548,000	150,000				1,698,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 1
Status Active

Project # EG1702
Project Name McKee Run Unit #3 Boiler Systems

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$1,393,800

Description

This Project was developed to perform inspections and repairs to the Unit 3 boiler on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. In general, most work activities are those requiring planned outages and therefore will be scheduled to coincide with planned outages. The work identified includes the following:
 Replacement of water wall tubes as needed. Replace burner throat refractory.
 OEM inspection to include super heater and re-heater sections. HEP and FAC program to inspect and repair critical piping / hangers. (2019-2020)
 Replacement of super heater and re-heater boiler clips. Air preheater inspection and repairs. De-aerator heater and storage tank inspection.
 Feed water heater shell inspections including relief valve testing.
 Replace CEMS sample line every 5 years – regulatory requirement.
 Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical system equipment represents components that, if they fail, will result in loss of generation and or capacity. Routine evaluation of the condition of critical components will allow for proper prioritization of maintenance activities and resources. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and or capacity. More importantly, component failure could also result in safety risk to personnel.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
504,800	Construction/Maintenance	100,000	299,000	80,000	235,000	175,000	889,000
Total	Total	100,000	299,000	80,000	235,000	175,000	889,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
504,800	Electric I & E Fund	100,000					100,000
	Electric Revenue		299,000	80,000	235,000	175,000	789,000
Total	Total	100,000	299,000	80,000	235,000	175,000	889,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life
Category Electric
Priority 2
Status Active

Project # EG1707
Project Name McKee Run Unit 3 Auxiliary System Components

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$838,000

Description

This project will perform inspections and repairs of Unit 3 auxiliary system components focusing on critical components. Components identified that will be addressed in 2018 include the #3 and 4 service water pumps, heat exchanger and piping safety valves.

#3 and #4 service water pump inspections and refurbishment / replacement.
 Air compressor inspections and repairs.
 Unit #3 boiler feed pump inspections.
 Unit #3 circulating water pumps rebuild – pump end.
 #1 and #2 hot water boiler inspections – refractory and tube inspection.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical auxiliary systems components are those components that, if they were to fail, their failure could result in unit load reduction or outage with consequential loss of capacity and / or generation although they would not individually affect the long range financial viability of the unit. Addressing these assets in a systematic fashion will result in minimizing forced outages and eliminating major maintenance expenses associated with component failure. Performing work as scheduled will also levelize maintenance expenditures. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and/ or capacity.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
128,000	Construction/Maintenance	100,000	277,000	213,000	55,000	65,000	710,000
Total	Total	100,000	277,000	213,000	55,000	65,000	710,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
128,000	Electric I & E Fund	100,000					100,000
	Electric Revenue		277,000	213,000	55,000	65,000	610,000
Total	Total	100,000	277,000	213,000	55,000	65,000	710,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 8 --
Status Active

Project # EG1800
Project Name McKee Run Building Equipment Replacement

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$267,000

Description

This project includes the replacement of certain building support systems that are expected to reach the end of their useful life. The specific building systems to be addressed in 2016 include:
 Supervisor's Office roof top Air Conditioners
 Contractor rebuild for the 2A Air Compressor
 Administrative Building heating and cooling systems.
 Roof repairs.
 DI Room modifications.
 Replace hot water heaters as needed.
 Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of equipment that has reached the end of its design life. Continued increases in the costs to maintain this equipment will result if the listed equipment is not kept up to date or replaced in a timely manner. In addition, critical temperature control is necessary to keep plant instrumentation located in the control room at acceptable operating conditions. Replacement of the control room air conditioners is scheduled for 2017. Waiting for the air conditioning to fail and allowing the temperatures in the control room to exceed control conditions could contribute to reduced control equipment life and reduced unit reliability.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
59,000	Construction/Maintenance	20,000	27,000	66,000	45,000	50,000	208,000
Total	Total	20,000	27,000	66,000	45,000	50,000	208,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
59,000	Electric I & E Fund	20,000					20,000
	Electric Revenue		27,000	66,000	45,000	50,000	188,000
Total	Total	20,000	27,000	66,000	45,000	50,000	208,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 6 --
Status Active

Project # EG1801
Project Name Plant Systems Safety & Compliance Improvements

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$322,000

Description

This project will install video cameras to replace outdated cameras and upgrade installed security cameras at McKee Run. The project will also install cameras at VanSant Generating Station where there are no current cameras installed. Additionally, the project will include replacement of outdated radios and replace deteriorating boundary fencing at the McKee Run and VanSant Generating Stations. The installation of this equipment will aid in improving plant security at both sites and improve personnel safety at both sites.

Justification

This project is required to improve overall surveillance coverage and security at both McKee Run and VanSant generating plant sites. Currently, VanSant Generating Station does not have any video surveillance and the installed cameras at McKee Run are old and antiquated. Boundary line fencing is original and deteriorated.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
112,000	Construction/Maintenance	70,000	140,000				210,000
Total	Total	70,000	140,000				210,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
112,000	Electric I & E Fund	70,000					70,000
Total	Electric Revenue		140,000				140,000
	Total	70,000	140,000				210,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 9 --
Status Active

Project # EG1802
Project Name McKee Run & VanSant - Preservation of Structures

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$536,000

Description

This project involves the preservation of plant structures in order to prevent deterioration of building structural steel and equipment subject to corrosion due to the past operations and environment. Refurbishment costs include be the sandblasting and painting of identified structures and equipment, along with the removal or demolition of equipment that has been retired in place. This work is an ongoing effort spanning multiple years. Work identified includes the following:
 2018 – Unit #3 boiler support beams, sandblast, prime and paint.
 2018 – Unit #3 condenser inlet piping inspection and refurbishment or repairs based on inspection findings.
 Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Structural steel painting is needed in various areas throughout the plant proper as well as various outbuildings on the plant property to maintain the physical building structures and equipment in an acceptable condition and prevent further deterioration. This project represents a minimum preservation and maintenance of structures consistent with the expected life of the stations. Consequences of delaying or eliminating this project will result in the accelerated deterioration of plant structures and larger future costs associated with structural repairs.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
131,000	Construction/Maintenance	55,000	100,000	125,000	125,000		405,000
Total	Total	55,000	100,000	125,000	125,000		405,000

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
131,000	Electric I & E Fund	55,000					55,000
	Electric Revenue		100,000	125,000	125,000		350,000
Total	Total	55,000	100,000	125,000	125,000		405,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 3
Status Active

Project # EG1803
Project Name VanSant Fire Suppression System Upgrade

New Project: Yes **Account Number:** 487-8101-591.40-31
Time-Line: FY17

Total Project Cost: \$235,000

Description

This project is to replace the installed CARDOX® fire suppression system for the Van Sant combustion turbine generator. The current system has been installed since original commercial operation began in 1991. This system has been inadvertently activated three times since installation and there have been many improvements including more reliable fire suppression systems. The system selected is a water misting system and is the one of the newer preferred suppression systems using a water mist/injection as the extinguishing agent instead of CO2.

Justification

This critical system can directly impact the Unit operation. Its failure to operate would result in a loss of generation and capacity due to the damage incurred from a fire. Upgrading this system will result in reduced system maintenance costs, and eliminating major maintenance expenses associated with the system or component failure.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	235,000					235,000
Total	235,000					235,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric I & E Fund	235,000					235,000
Total	235,000					235,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life
Category Electric
Priority 7 --
Status Active

Project # EG1804
Project Name Unit #3 Fast Start Upgrade (Accelerated Startup)

New Project: Yes **Account Number:** 487-8101-591-40-31
Time-Line: FY18

Total Project Cost: \$200,000

Description

An alternative engineered method for starting up the unit 3 steam turbine generator in a reduced start time will reduce start up time and costs. The benefits are reduced start up time, increased revenue through faster online times, potential increased unit dispatch, reduced startup costs, increased equipment life, reduced maintenance (both O&M and Capital) and reduced environmental impact.

Justification

Major objective is to increase the number of starts on the unit while minimizing start-up costs, reduce the time to dispatch the unit, reduce boiler degradation due to differential temperature induced stress on thick walled system and equipment components.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	200,000					200,000
Total	200,000					200,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric I & E Fund	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life 10 years
Category Electric
Priority 1
Status Active

Project # EG1900
Project Name Unit #3 Large Equipment Inventory

New Project: Yes **Account Number:** 487-8101-591.40-31
Time-Line: FY18-FY19

Total Project Cost: \$280,000

Description

This capital improvement project item is to purchase those few spare motors for inventory that would allow for having a spare motor “on the shelf” which can be replaced in as little as a day and significantly reduce the loss of capacity or availability due to that failed motor. The motors would be stored in the McKee Run Generating Station warehouse and be readily accessible if needed any day or night of the week for the staff to replace. This would allow for a very short return to full capacity and availability of Unit #3 boiler.
 Induced Draft Fan Motor approximate costs - \$75,000
 Forced Draft Fan Motor approximate costs - \$35,000
 Circulating Water Pump Motor approximate costs – \$125,000
 Unit #3 Generator Field Breaker approximate costs - \$45,000

Justification

The City inventory does not have major equipment spare parts (motors) that if the motor for these particular pieces of equipment failed the loss of capacity payments from the potential de-rate or loss of a unit motor would amount to a loss of capacity revenue in as little as two weeks due to that loss of availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		170,000	110,000			280,000
Total		170,000	110,000			280,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		170,000	110,000			280,000
Total		170,000	110,000			280,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 1
Status Active

Project # EG1901
Project Name Van Sant Unit 11 Component Replacements

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: Multi-year

Total Project Cost: \$255,000

Description

This fund was developed to perform inspections and repairs to the VanSant Unit 11 auxiliary equipment on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. Work to be performed would include the following equipment:
 Refurbish exhaust frame blower “B” and motor refurbishment
 Injection water pump and motor refurbishment, “A” exhaust frame blower and motor refurbishment
 Replace leaking DI system carbon filter vessel.
 Water injection pumps inspections and rebuilds.
 B Cooling Water pump and motor.
 Fogging system inspections and repairs.
 Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of capital items that are expected to reach their useful life and will need to be replaced or refurbished to maintain plant system and unit reliability. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		55,000	70,000	90,000	40,000	255,000
Total		55,000	70,000	90,000	40,000	255,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		55,000	70,000	90,000	40,000	255,000
Total		55,000	70,000	90,000	40,000	255,000

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 thru FY 22

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life Unknown
Category Electric
Priority 2
Status Active

Project # EG1902
Project Name McKee Run Unit 3 Turbine Repairs Intercept Valves

New Project: No **Account Number:** 487-8101-591.40-31
Time-Line: FY19-FY20

Total Project Cost: \$463,000

Description

This project will inspect the Unit 3 turbine control and stop valves and auxiliary equipment. This inspection is scheduled on a predetermined frequency based on Unit operating hours, required regulatory intervals, original equipment manufacturer and insurance company recommendations. In 2018 all turbine control, stop, and intercept valves will be fully disassembled, inspected and repaired if needed.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation and insurance company recommendations.

Justification

The valve inspections included in the scope are all related to the normal and emergency turbine generator control and shutdown systems. Industry standard inspection guidelines are followed in order to minimize the risk of mechanical failure which could result in extended forced outage of the unit, or the potential indefinite loss of unit availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		438,000	25,000			463,000
Total		438,000	25,000			463,000

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		438,000	25,000			463,000
Total		438,000	25,000			463,000

Budget Impact/Other



VEHICLE & EQUIPMENT
REPLACEMENT



City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	314,200					314,200
General Fund	233,300	1,819,000	1,634,400	1,623,300	2,319,100	7,629,100
GRAND TOTAL	547,500	1,819,000	1,634,400	1,623,300	2,319,100	7,943,300

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Code Enforcement								
1998 Ford Crown Victoria	19Veh# 11	n/a		23,800				23,800
2007 Dodge Pick Up	21Veh# 17	n/a				17,000		17,000
Code Enforcement Total				23,800		17,000		40,800
Facilities Management								
2003 Dodge Van (438)	18Veh# 438	n/a	25,100					25,100
2004 Ford Van #439	20Veh# 439	3			28,800			28,800
2005 Ford F150 #433	21Veh#433	n/a				32,200		32,200
Facilities Management Total			25,100		28,800	32,200		86,100
Fire/Robbins Hose								
Engine 7 - 1997 Pierce Dash Pumper	FR1800	1	38,400	76,800	76,800	76,800	76,800	345,600
Ladder 1 - 2011 Pierce Quantum PUC	FR1801	1	145,700	145,700	0	0	0	291,400
Engine 3 - 2003 Pierce Lance Pumper	FR1900	1		76,100	76,100	76,100	76,100	304,400
Engine 6 - 2003 Pierce Lance Pumper	FR2000	1			76,800	76,800	76,800	230,400
Fire/Robbins Hose Total			184,100	298,600	229,700	229,700	229,700	1,171,800
Fleet Maintenance								
2001 Dodge Ram 1500 #131	19Veh #131	n/a		27,000				27,000
2003 Chevrolet 1500 HD Flat Bed #119	20Veh# 119	n/a			60,000			60,000
Fleet Maintenance Total				27,000	60,000			87,000
Permtting and Inspections								
2005 Ford F150	19Veh# 13	n/a		16,000				16,000
2001 Dodge Pick Up	21Veh# 19	n/a				17,000		17,000
2001 Dodge Pick Up	21Veh# 22	n/a				17,000		17,000
Permtting and Inspections Total				16,000		34,000		50,000
Police								
2010 Ford Crown Victoria PPV (203)	18Veh# 203	n/a	28,900					28,900
2002 Ford Taurus (206)	18Veh# 206	n/a	24,500					24,500
2012 Chevy Tahoe PPV (223)	18Veh# 223	n/a	28,900					28,900
2008 Ford Crown Victoria PPV (238)	18Veh# 238	n/a	28,900					28,900
2011 Ford Crown Victoria PPV (252)	18Veh# 252	n/a	28,900					28,900
2007 Ford Fusion Admin (261)	18Veh# 261	n/a	24,500					24,500
2012 Dodge Charger PPV (272)	18Veh# 272	n/a	28,900					28,900
2006 Ford Crown Victoria PPV (274)	18Veh# 274	n/a	24,500					24,500
2012 Dodge Charger PPV (276)	18Veh# 276	n/a	28,900					28,900
2005 Ford F150 Pick Up PPV (276)	18Veh# 279	n/a	28,900					28,900
2013 Ford Fusion (200)	19Veh# 200	n/a		24,500				24,500
2012 Dodge Charger PPV (205)	19Veh# 205	n/a		31,900				31,900

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
2011 Ford Crown Victoria PPV (208)	19Veh# 208	n/a		31,900				31,900
2010 Dodge Charger PPV (209)	19Veh# 209	n/a		24,500				24,500
2000 Ford Taurus Admin (210)	19Veh# 210	n/a		24,500				24,500
2006 Dodge Charger (214)	19Veh# 214	n/a		24,500				24,500
2007 Ford Crown Victoria PPV (227)	19Veh# 227	n/a		31,900				31,900
2010 Ford Fusion Admin (231)	19Veh# 231	n/a		24,500				24,500
2000 Ford Crown Victoria PPV (234)	19Veh# 234	n/a		31,900				31,900
2010 Ford Fusion Admin (237)	19Veh# 237	n/a		24,500				24,500
2013 Dodge Charger PPV (250)	19Veh# 250	n/a		31,900				31,900
2008 Harley FLHTP (257)	19Veh# 257	n/a		23,300				23,300
2007 Ford Fusion Admin (260)	19Veh# 260	n/a		24,500				24,500
2009 HD Motorcycle FHP (266)	19Veh# 266	n/a		23,300				23,300
2011 Harley FLHTP (267)	19Veh# 267	n/a		23,300				23,300
2010 Ford Crown Victoria PPV (273)	19Veh# 273	n/a		31,900				31,900
2007 Ford Crown Victoria (280)	19Veh# 280	n/a		31,900				31,900
2010 Ford Crown Victoria PPV (285)	19Veh# 285	n/a		31,900				31,900
2011 Chev Silverado (215)	20Veh# 215	n/a			20,900			20,900
2011 Ford Fusion Admin (218)	20Veh# 218	n/a			24,500			24,500
2008 Ford Fusion Admin (221)	20Veh# 221	n/a			24,500			24,500
2011 Chevy Tahoe PPV (222)	20Veh# 222	n/a			31,900			31,900
2012 Ford Fusion Admin (225)	20Veh# 225	n/a			24,500			24,500
2011 Chevy Tahoe PPV (226)	20Veh# 226	n/a			31,900			31,900
2008 Ford Fusion Admin (230)	20Veh# 230	n/a			24,500			24,500
2012 Ford Fusion Admin (233)	20Veh# 233	n/a			24,500			24,500
2011 Ford Fusion Admin (240)	20Veh# 240	n/a			24,500			24,500
2014 Dodge Charger PPV (241)	20Veh# 241	n/a			31,900			31,900
2011 Ford Crown Victoria PPV (255)	20Veh# 255	n/a			31,900			31,900
2011 Ford Fusion Admin (286)	20Veh# 286	n/a			24,500			24,500
2012 Ford Fusion Admin (287)	20Veh# 287	n/a			24,500			24,500
2002 Dodge Ram 1500 (296)	20Veh# 296	n/a			20,900			20,900
2014 Dodge Charger (201)	21Veh# 201	n/a				24,500		24,500
2014 Dodge Charger PPV (219)	21Veh# 219	n/a				31,900		31,900
2014 Dodge Charger PPV (220)	21Veh# 220	n/a				31,900		31,900
2014 Dodge Charger PPV (232)	21Veh# 232	n/a				31,900		31,900
2010 Ford Fusion Admin (235)	21Veh# 235	n/a			24,500			24,500
2014 Dodge Charger PPV (242)	21Veh# 242	n/a			31,900			31,900
2014 Dodge Charger Admin (243)	21Veh# 243	n/a			24,500			24,500
2014 Dodge Charger Admin (249)	21Veh# 249	n/a			24,500			24,500
2014 Dodge Charger PPV (258)	21Veh# 258	n/a			31,900			31,900
2014 Dodge Charger PPV (262)	21Veh# 262	n/a			31,900			31,900
2014 Dodge Charger PPV (263)	21Veh# 263	n/a			31,900			31,900
2014 Dodge Charger PPV (264)	21Veh# 264	n/a			31,900			31,900
2014 Dodge Charger PPV (265)	21Veh# 265	n/a			31,900			31,900
2014 Dodge Charger PPV (282)	21Veh# 282	n/a				31,900		31,900
2013 Dodge Charger Admin (204)	22Veh# 204	n/a					24,500	24,500
2014 Harley FLHTP (211)	22Veh# 211	n/a					23,300	23,300
2013 Dodge Charger PPV (216)	22Veh# 216	n/a					31,900	31,900
2015 Chevy Tahoe PPV (229)	22Veh# 229	n/a					31,900	31,900
2013 Dodge Charger PPV (236)	22Veh# 236	n/a					31,900	31,900
2015 Harley FLHTP (268)	22Veh# 268	n/a					23,300	23,300
2013 Dodge Charger PPV (269)	22Veh# 269	n/a					31,900	31,900
2014 Dodge Charger (278)	22Veh# 278	n/a					24,500	24,500
2014 Dodge Charger PPV (283)	22Veh# 283	n/a					31,900	31,900
2014 Dodge Charger PPV (284)	22Veh# 284	n/a					31,900	31,900
2014 Dodge Charger PPV (290)	22Veh# 290	n/a					31,900	31,900
2015 Chevy Tahoe PPV (293)	22Veh# 293	n/a					31,900	31,900
2005 Ford E250 (295)	22Veh# 295	n/a					70,000	70,000

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
2013 Dodge Charger (297)	22Veh# 297	n/a					31,900	31,900
Police Total			275,800	496,600	365,400	417,000	452,700	2,007,500
Public Works - Grounds								
2003 Ex-Mark 52" Zero Turn Mower (568)	18Veh# 568	3	8,800					8,800
2004 Kubota Tractor w/Front Loader/Backhoe #572	18Veh# 572	3	53,700					53,700
1995 International Bucket Truck #589	19Veh#589	2		188,000				188,000
2001 Dodge Ram 2500 Truck #580	20 VEH#580	n/a			33,000			33,000
2006 Kubota Mower #581	20Veh #581	n/a			60,000			60,000
2009 Toro Mower #561	20Veh#561	n/a			60,000			60,000
1994 Vermeer Chipper #588	21Veh #588	n/a				89,000		89,000
2012 Toro Mower #562	21Veh#562	n/a				62,000		62,000
2010 Torob Zero Turn Mower w/bager	22Veh#563	n/a					12,000	12,000
1987 Case Tractor w/mower	22Veh#571	n/a					40,000	40,000
Public Works - Grounds Total			62,500	188,000	153,000	151,000	52,000	606,500
Public Works - Sanitation								
2008 Intn't Rear Loader (445)	19Veh# 445	4		169,300				169,300
2010 Peterbilt Automated Trash Truck #455	19Veh# 455	3		265,800				265,800
2009 International Bulk Trash Truck #446	20Veh# 446	3			155,100			155,100
2003 Peterbilt Automated Trash Truck #444	20Veh#444	n/a			272,000			272,000
2008 Ford F150 #440	21Veh#440	n/a				32,200		32,200
2008 International Rear Loader #452	21Veh#453	n/a				172,700		172,700
2012 Kenworth Bulk Trash Truck #447	22Veh#447	n/a					178,400	178,400
2011 Peterbilt Automated Trash Truck #450	22Veh#450	n/a					332,000	332,000
2008 International Rear Loader Trash Truck #452	22Veh#452	n/a					295,000	295,000
2002 Hurst Trailer #453	22Veh#453	n/a					2,300	2,300
Public Works - Sanitation Total				435,100	427,100	204,900	807,700	1,874,800
Public Works - Streets								
2001 Case Front-End Loader #316	19Veh #316	2		163,700				163,700
1992 International Dump Truck (326)	19Veh# 326	1		142,200				142,200
2003 Chevrolet Silverado 1500 #330	19Veh#330	n/a		28,000				28,000
2001 Case Front-End Loader #312	20Veh #312	2			136,200			136,200
2001 Int'l Dump Truck (322)	20Veh# 322	2			137,600			137,600
2002 Airman Air Compressor (382)	20Veh# 382	2			26,600			26,600
2002 Old Dominion Leaf Vac #361	20Veh#361	n/a			70,000			70,000
2001 Int'l Dump Truck (324)	21Veh# 324	2				140,400		140,400
2001 Case Front-End Loader	21Veh#312	n/a				175,100		175,100
2006 International Sweeper #356	21Veh#356	n/a				180,000		180,000
1969 Caterpillar Grader #301	22Veh#301	n/a					477,000	477,000
2006 Sterling Vac Track #350	22Veh#350	n/a					300,000	300,000
Public Works - Streets Total				333,900	370,400	495,500	777,000	1,976,800
Public Works Admin								
2008 Toyota Camry Hybrid #6	21Veh# 6	n/a				42,000		42,000
Public Works Admin Total						42,000		42,000
GRAND TOTAL			547,500	1,819,000	1,634,400	1,623,300	2,319,100	7,943,300

City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	156,300	792,700	421,000	288,900	426,000	2,084,900
GRAND TOTAL	156,300	792,700	421,000	288,900	426,000	2,084,900

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
W/WW Engineering								
2008 Dodge Avenger (427)	19Veh# 427	n/a		23,000				23,000
2008 Ford F150 Pick-Up (420)	20Veh# 420	1			32,900			32,900
2008 Dodge Avenger SE #5	21Veh#5	n/a				28,900		28,900
2013 Ford F 150 Pick up Ext Cab 4WD #418	22Veh#418	n/a					38,000	38,000
W/WW Engineering Total				23,000	32,900	28,900	38,000	122,800
Wastewater Management								
2008 Case 590 Backhoe #672 (Split)	19Veh #672	n/a		59,400				59,400
2008 International Dump Truck 14' #681 (Split)	19Veh #681	n/a		78,000				78,000
2009 Chevrolet CUES Camera Truck #684	19Veh #684	5		300,000				300,000
2008 Ford 1-Ton Utility Truck with crane #665	19Veh#665	n/a		51,500				51,500
2008 Ford 1/2 Ton Utility Truck #698 (split)	19Veh#698	n/a		14,200				14,200
2006 Sidekick Easement Machine (690)	20Veh# 690	n/a			38,200			38,200
2005 Case Backhoe #682 (split)	20Veh#682	n/a			61,900			61,900
2012 Chevrolet Silverado 1500 WT #695(split)	20Veh#695	n/a			16,500			16,500
2013 Ford 1-Ton Utility Truck with Crane #655	21Veh#655	n/a				55,000		55,000
2013 Ford 1-Ton Utility Truck with crane	21Veh#664	n/a				55,000		55,000
2013 Ford F150 Pickup Ext Cab (split)	22Veh#661	n/a					19,000	19,000
2013 Vacoon Jet Truck #692 (split)	22Veh#692	n/a					175,000	175,000
Wastewater Management Total				503,100	116,600	110,000	194,000	923,700
Water Management								
1995 Caterpillar Loader #402	18Veh#402	n/a	156,300					156,300
2008 Case 590 Backhoe #672 (Split)	19Veh #672-1	n/a		59,400				59,400
2008 International Dump Truck 14' #681 (Split)	19Veh #681-1	n/a		78,000				78,000
2009 Wacker RT820 Vibratory Trench Roller #401	19Veh#401	n/a		36,900				36,900
2008 Ford 1/2 Ton Utility Truck #698 (split)	19Veh#698-2	n/a		14,200				14,200
2005 Case Backhoe #682 (Split)	20Veh# 682	n/a			61,900			61,900
2012 Ford F250 Super Duty XL #403	20Veh#403	n/a			40,000			40,000
2008 Ingersoll Air Compressor #407	20Veh#407	n/a			30,800			30,800
2012 Ford F250 Super Duty XL #426	20Veh#426	n/a			40,000			40,000
2012 Chevrolet Silverado 1500 WT #695 (split)	20Veh#695-2	n/a			16,500			16,500
1995 Caterpillar Excavator #400	21Veh#400	n/a				125,000		125,000
1997 Kruger Trailer #415	21Veh#415	n/a				25,000		25,000
2013 Ford F150 Pickup Ext. Cab #661n (split)	22Veh#661-2	n/a					19,000	19,000
2013 Vaccon Jet Truck #692 (split)	22Veh#692-2	n/a					175,000	175,000
Water Management Total			156,300	188,500	189,200	150,000	194,000	878,000
Water Treatment Plant								
2007 Kohler Generator Trailer Mounted (604)	19Veh# 604	n/a		50,000				50,000
2008 GMC Cargo Van (662)	19Veh# 662	n/a		28,100				28,100
2010 Ford 1-Ton Utility Truck w/ Gate 3620	20Veh# 620	n/a			56,300			56,300
2011 Ford Ranger #621	20Veh#621	n/a			26,000			26,000

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water Treatment Plant Total				78,100	82,300			160,400
GRAND TOTAL			156,300	792,700	421,000	288,900	426,000	2,084,900

City of Dover, Delaware
FY 2018 Capital Investment Plan
FY 18 thru FY 22

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	335,500	493,500	425,000	310,000	330,000	1,894,000
GRAND TOTAL	335,500	493,500	425,000	310,000	330,000	1,894,000

City of Dover, Delaware
FY 2018 Capital Investment Plan
 FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Engineering								
2008 Dodge Avenger (7)	Veh# 007	n/a			25,000			25,000
2007 Dodge Pickup (9)	Veh# 009	n/a		33,000				33,000
2008 Ford Escape	Veh#701	n/a		30,000				30,000
Electric Engineering Total				63,000	25,000			88,000
Electric T & D								
2006 Terex Backhoe (#722)	Veh #722	n/a					130,000	130,000
1995 Case Backhoe (733)	Veh #733	1		105,000				105,000
2004 International Altec Aerial Device	Veh #751	1			150,000			150,000
2002 Chevrolet Dump Truck	Veh #753	1				150,000		150,000
2006 International Bucket Truck	Veh #759	1				160,000		160,000
2007 Dodge Pick Up	Veh #771	1	33,000					33,000
2008 International Dueco Line Truck	Veh #772	1			250,000			250,000
2001 Freightliner Knuckleboom	Veh #776	1	251,400					251,400
2008 Ford Dump F350 (796)	Veh #796	1	51,100					51,100
2001 Freightliner (750)	Veh# 750	1		300,000				300,000
2005 Ford Pick Up Truck	Veh# 770	1		25,500				25,500
Digger Derrick	Veh#718	n/a					200,000	200,000
Electric T & D Total			335,500	430,500	400,000	310,000	330,000	1,806,000
GRAND TOTAL			335,500	493,500	425,000	310,000	330,000	1,894,000



DEBT SERVICE



DEBT LIMIT

DEBT SERVICE SCHEDULES

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

**City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)**

	Estimated 2018	Estimated 2017	2016	2015	2014	2013	2012
Debt Limit	\$ 154,538	\$ 152,627	\$ 155,396	\$ 158,485	\$ 157,995	\$ 159,075	\$ 158,465
Net (Taxable) Assessed Value on Books	3,090,754	3,052,549	3,107,912	3,169,707	3,159,894	3,181,496	3,169,308
Total net debt applicable to limit	5,877	6,210	6,783	7,337	4,050	4,479	1,550
Legal Debt Margin	\$ 148,661	\$ 146,417	\$ 148,613	\$ 151,148	\$ 153,945	\$ 154,596	\$ 156,915
Total Net Debt applicable to limit as a percentage of debt limit	3.80%	4.07%	4.36%	4.63%	2.56%	2.82%	0.98%
Legal Debt Margin Calculation for Fiscal Year 2017							
Net (Taxable) Assessed Value on Books	\$ 3,090,754	\$ 3,052,549	\$ 3,107,912	\$ 3,169,707	\$ 3,159,894	\$ 3,181,496	\$ 3,169,308
Debt Limit - 5 Percent of Total Assessed Value	\$ 154,538	\$ 152,627	\$ 155,396	\$ 158,485	\$ 157,995	\$ 159,075	\$ 158,465
DEBT (For which the City's full faith and credit has been pledged)							
Gross Bonded Debt	5,877	6,210	6,783	7,337	4,050	4,479	1,550
LEGAL DEBT MARGIN	\$ 148,661	\$ 146,417	\$ 148,613	\$ 151,148	\$ 153,945	\$ 154,596	\$ 156,915

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or \$7,726,900 based on the 2018 Estimate.

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

**City of Dover
General Fund
Projected Debt Service**

Fiscal Year Ending	2012 Tax- Exempt Loan (1)	\$3,660,000 2014 Series A Bonds	Total Debt Service	Green Energy Debt Service Contribution	Net Debt Service
6/30/2018 (2)	\$ 224,700	\$ 204,000	\$ 428,700	\$ (98,500)	\$ 330,200
6/30/2019	224,700	204,000	428,700	(98,500)	330,200
6/30/2020	224,700	204,000	428,700	(98,500)	330,200
6/30/2021	224,700	204,000	428,700	(98,500)	330,200
6/30/2022	224,700	204,000	428,700	(98,500)	330,200
6/30/2023	224,700	204,000	428,700	(98,500)	330,200
6/30/2024	224,700	204,000	428,700	(98,500)	330,200
6/30/2025	224,700	204,000	428,700	(98,500)	330,200
6/30/2026	224,700	204,000	428,700	(98,500)	330,200
6/30/2027	224,700	204,000	428,700	(98,500)	330,200
6/30/2028	224,700	204,000	428,700	(98,500)	330,200
6/30/2029	224,700	204,000	428,700	(98,500)	330,200
6/30/2030	224,700	204,000	428,700	(98,500)	330,200
6/30/2031	224,700	204,000	428,700	(98,500)	330,200
6/30/2032	224,700	204,000	428,700	(98,500)	330,200
6/30/2033	205,800	204,000	409,800	(98,500)	311,300
6/30/2034	-	204,000	204,000	-	204,000
6/30/2035	-	204,000	204,000	-	204,000
Totals	\$ 3,576,300	\$ 3,672,000	\$ 7,248,300	\$ (1,576,000)	\$ 5,672,300
	Library & Streets	Garrison Farm & Equipment		Library	

(1) Annual Debt Service for the 2012 Loan does not reflect any reduction for the sale of the current Library

(2) Does not include new debt service for the Meeting House Branch storm water or Schutte Park redevelopment projects in the FY18 Capital Plan; The City Manager is working on obtaining other funding sources for partial financing.

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

City of Dover
Water/Wastewater Revenue Bonds
Current Debt Service

Fiscal Year Ending	Series 2000 Wastewater	Series 2009 Wastewater	Series 2010 Water	Series 2011 Wastewater	Series 2013 Revenue Bonds - Water	Series 2013 Revenue Bonds - Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Total Debt Service
6/30/2018	\$ 53,000	\$ 347,100	\$ 161,300	\$ 58,200	\$ 355,800	\$ 151,800	\$ 517,100	\$ 610,100	\$ 1,127,200
6/30/2019	53,000	347,100	161,300	58,200	359,100	153,100	520,400	611,400	1,131,800
6/30/2020	53,000	347,100	161,300	58,200	355,100	151,400	516,400	609,700	1,126,100
6/30/2021	-	347,100	161,300	58,200	357,900	152,600	519,200	557,900	1,077,100
6/30/2022	-	347,100	161,300	58,200	356,900	152,200	518,200	557,500	1,075,700
6/30/2023	-	347,100	161,300	58,200	355,700	151,700	517,000	557,000	1,074,000
6/30/2024	-	347,100	161,300	58,200	357,700	152,600	519,000	557,900	1,076,900
6/30/2025	-	347,100	161,300	58,200	214,400	91,500	375,700	496,800	872,500
6/30/2026	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2027	-	347,100	161,300	58,200	211,800	90,300	373,100	495,600	868,700
6/30/2028	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2029	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2030	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2031	-	347,100	80,700	58,200	214,400	91,500	295,100	496,800	791,900
6/30/2032	-	173,600	-	29,100	213,200	90,900	213,200	293,600	506,800
6/30/2033	-	-	-	-	212,300	90,600	212,300	90,600	302,900
6/30/2034	-	-	-	-	211,100	90,000	211,100	90,000	301,100
Total	\$ 159,000	\$ 5,033,000	\$ 2,177,600	\$ 843,900	\$ 4,630,000	\$ 1,974,800	\$ 6,807,600	\$ 8,010,700	\$ 14,818,300

**City of Dover
Electric Revenue Fund
Projected Debt Service**

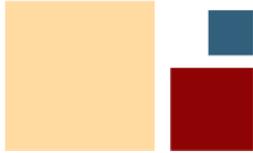
Fiscal Year	Electric Revenue Fund		Total Debt
	2008 Revenue Bonds		
6/30/2018	730,000	883,954	1,613,954
6/30/2019	765,000	847,454	1,612,454
6/30/2020	800,000	815,706	1,615,706
6/30/2021	840,000	781,706	1,621,706
6/30/2022	880,000	746,006	1,626,006
6/30/2023	925,000	707,506	1,632,506
6/30/2024	970,000	665,881	1,635,881
6/30/2025	1,015,000	622,231	1,637,231
6/30/2026	1,065,000	576,555	1,641,555
6/30/2027	1,120,000	527,300	1,647,300
6/30/2028	1,175,000	475,500	1,650,500
6/30/2029	1,230,000	416,750	1,646,750
6/30/2030	1,290,000	355,250	1,645,250
6/30/2031	1,355,000	290,750	1,645,750
6/30/2032	1,420,000	223,000	1,643,000
6/30/2033	1,485,000	152,000	1,637,000
6/30/2034	1,555,000	77,750	1,632,750
Total	\$ 18,620,000	\$ 9,165,299	\$ 27,785,299



GENERAL
FUND



GENERAL



MAYOR

CITY COUNCIL

CITY MANAGER

CITY CLERK

CUSTOMER SERVICES, METER READING

FINANCE, PROCUREMENT & INVENTORY

FIRE

HUMAN RESOURCES

INFORMATION TECHNOLOGY

PARKS, RECREATION & LIBRARY

POLICE

TAX ASSESSOR

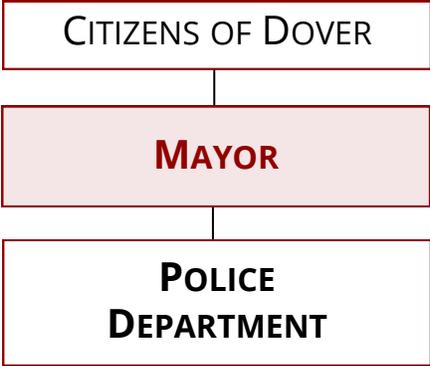
PLANNING & INSPECTIONS

PUBLIC WORKS

FY 2018 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

MAYOR

FISCAL YEAR 2018 ORGANIZATIONAL CHART



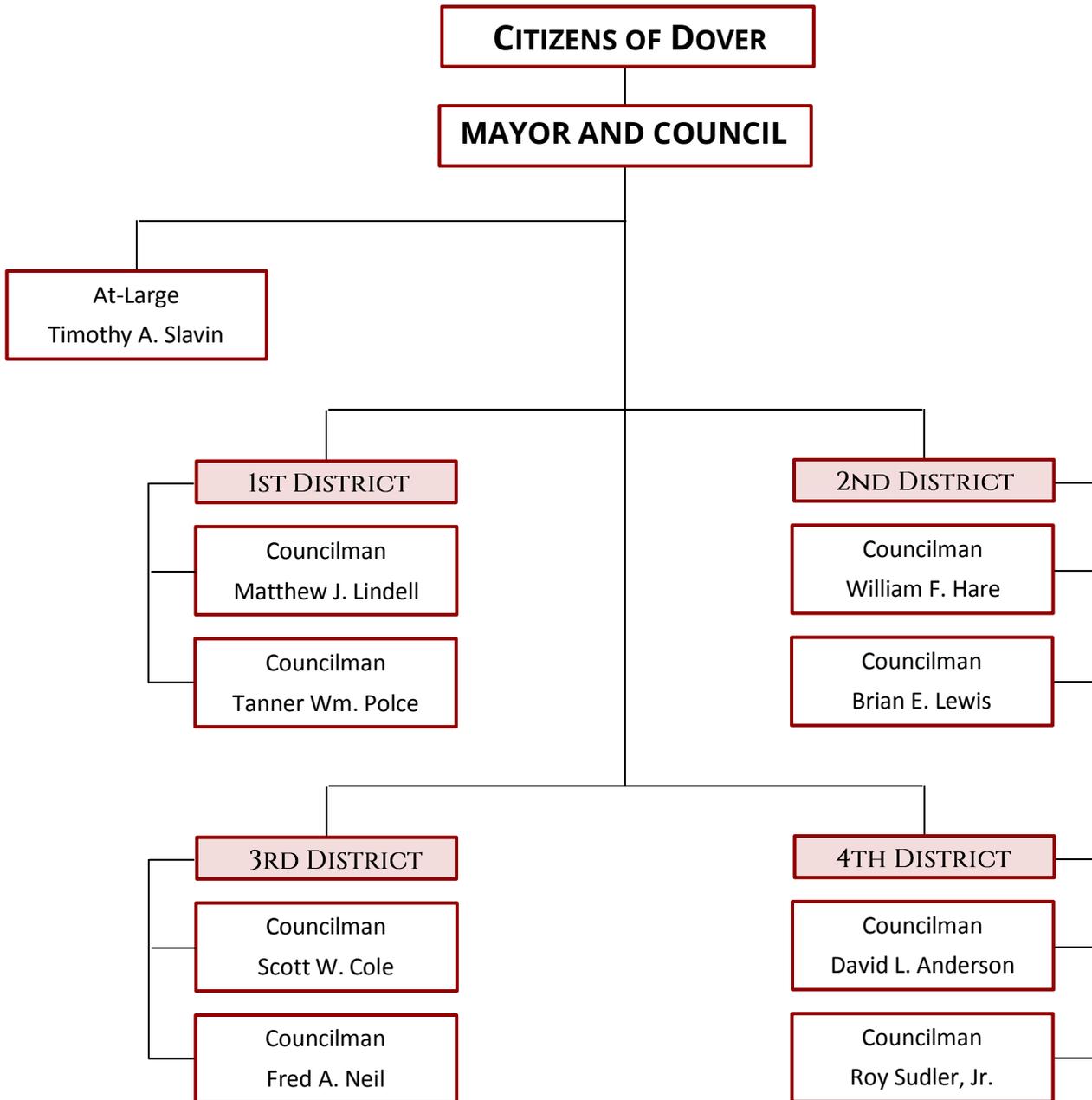
*Economic Development was dissolved in FY17

MAYOR
110-3200-519

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 39,621	\$ 44,965	\$ 45,346	\$ 45,000	\$ 45,000	\$ 45,000	0%
10-14	FICA TAXES	2,998	3,260	3,255	3,400	3,400	3,400	0%
10-15	HEALTH INSURANCE	5,634	6,220	7,992	8,500	8,500	8,500	0%
10-16	L I D INSURANCE	283	340	334	300	300	300	0%
10-17	WORKERS COMPENSATION	82	94	147	100	100	100	0%
	PERSONNEL COSTS	48,618	54,879	57,074	57,300	57,300	57,300	0%
20-22	OFFICE SUPPLIES	170	-	82	100	100	100	0%
20-23	PRINTING AND DUPLICATING	334	157	56	200	200	200	0%
	MATERIALS & SUPPLIES	1,612	157	138	300	300	300	0%
30-21	TELEPHONE/FAX	1,110	387	392	500	500	500	0%
30-25	ADVERTISEMENT	672	806	1,439	1,500	1,500	1,500	0%
30-27	SUBSCRIPTIONS AND DUES	5,293	657	175	3,500	3,500	3,500	0%
30-35	COMMUNITY RELATIONS EXP	7,244	14,796	10,226	5,500	5,500	5,500	0%
30-37	OTHER EXPENSES	4,567	6,179	5,416	5,000	5,000	5,000	0%
30-62	GASOLINE	1,055	-	-	300	300	200	-33%
30-63	AUTO REPAIRS/MAINTENANCE	120	-	-	100	100	100	0%
30-67	RADIO REPAIRS/MAINTENANCE	-	-	-	-	-	-	0%
30-91	ECONOMIC DEVELOPMENT	-	-	-	-	-	45,400	0%
	ADMINISTRATIVE EXPENDITURES	25,150	22,825	17,648	16,400	16,400	61,700	276%
	OPERATING EXPENDITURES	75,380	77,861	74,861	74,000	74,000	119,300	61%
	TOTAL EXPENDITURES	\$ 75,380	\$ 77,861	\$ 74,861	\$ 74,000	\$ 74,000	\$ 119,300	61%
	REVENUES							
	GENERAL FUND	\$ 75,380	\$ 77,861	\$ 74,861	\$ 74,000	\$ 74,000	\$ 119,300	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	1.0	1.0	1.0	1.0	1.0	1.0	

CITY COUNCIL

FISCAL YEAR 2018 ORGANIZATIONAL



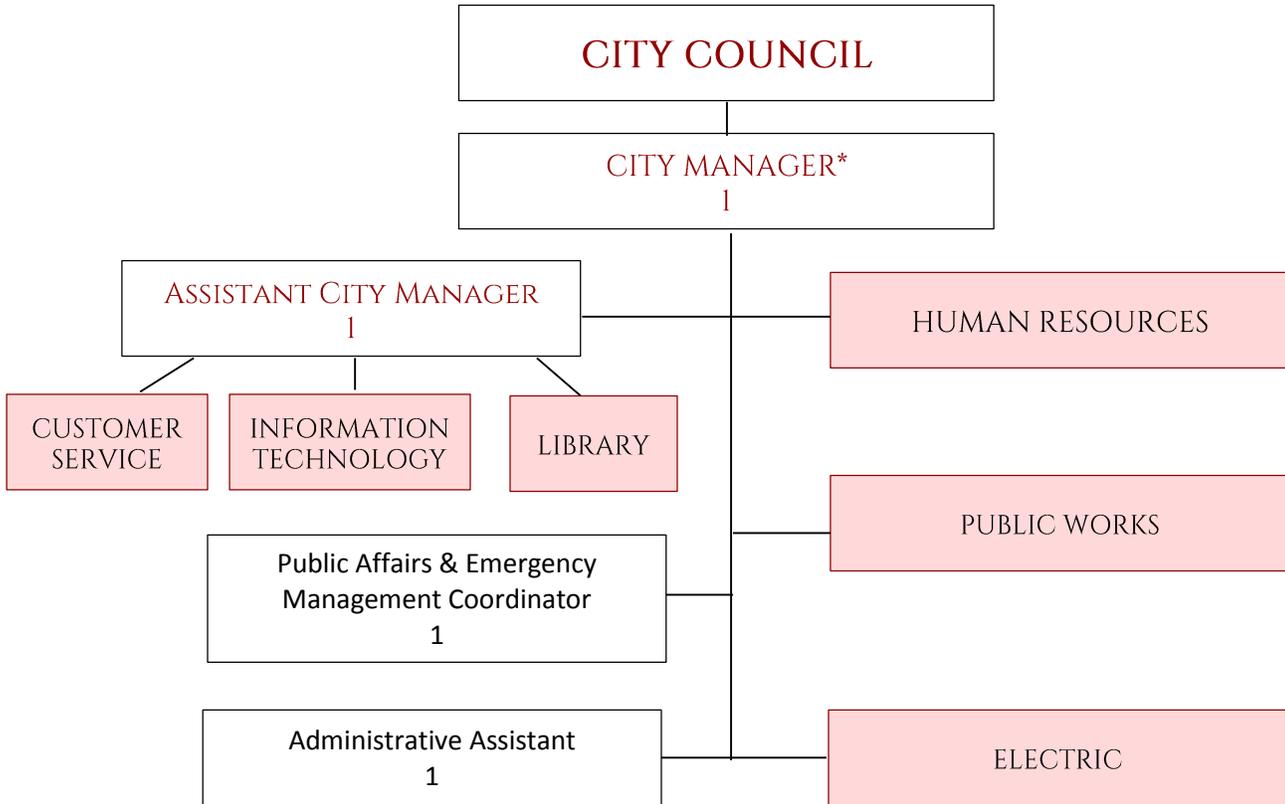
updated: 5/19/2017

CITY COUNCIL
110-1200-512

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-13	TEMPORARY HELP	\$ 76,566	\$ 71,315	\$ 76,756	\$ 84,300	\$ 84,300	\$ 84,300	0%
10-14	FICA TAXES	5,857	5,456	5,872	6,400	6,400	6,400	0%
10-17	WORKERS COMPENSATION	157	151	248	300	300	300	0%
	PERSONNEL COSTS	82,581	76,922	82,875	91,000	91,000	91,000	0%
20-22	OFFICE SUPPLIES	21	38	33	-	-	-	0%
20-23	PRINTING AND DUPLICATING	-	269	95	300	300	300	0%
20-38	COMPUTER HARDWARE	-	-	-	-	-	1,000	0%
	MATERIALS & SUPPLIES	21	307	128	300	300	1,300	333%
30-21	TELEPHONE/FAX	173	178	183	200	200	200	0%
30-27	SUBSCRIPTIONS AND DUES	11,153	11,203	11,293	11,500	11,500	11,500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,027	-	813	9,600	9,600	9,600	0%
30-29	CONSULTING SERVICES	11,153	11,203	-	-	-	10,000	0%
30-35	COMMUNITY RELATIONS EXP	2,118	4,261	3,973	3,500	3,500	3,500	0%
30-37	DISCRETIONARY FUNDS	-	-	-	22,000	22,000	25,000	14%
30-92	HRC-OFFICE SUPPLIES	757	-	865	3,000	3,000	3,000	0%
	ADMINISTRATIVE EXPENDITURES	28,381	26,845	17,126	49,800	49,800	62,800	26%
	OPERATING EXPENDITURES	110,982	104,073	100,129	141,100	141,100	155,100	10%
	TOTAL EXPENDITURES	\$ 110,982	\$ 104,073	\$ 100,129	\$ 141,100	\$ 141,100	\$ 155,100	10%
	REVENUES							
	GENERAL FUND	\$ 110,982	\$ 104,073	\$ 100,129	\$ 141,100	\$ 141,100	\$ 155,100	
	PERSONNEL							
	PP/COUNCIL	9.0	9.0	9.0	9.0	9.0	9.0	
	PP/TEMP COMMITTEES	8.0	8.0	8.0	8.0	8.0	8.0	

CITY MANAGER

FISCAL YEAR 2018 ORGANIZATION CHART



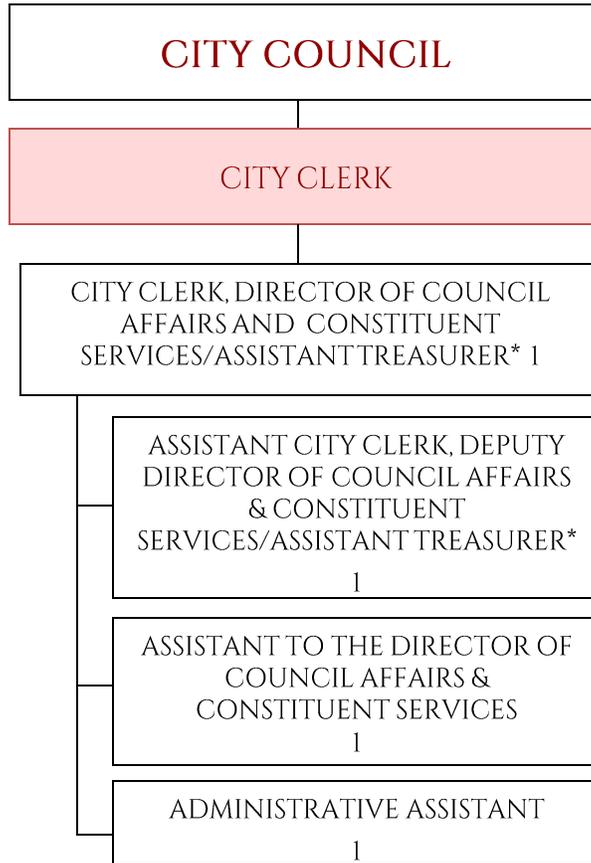
*Appointed by Council

CITY MANAGER
110-2100-515

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 217,374	\$ 278,681	\$ 353,732	\$ 351,500	\$ 355,200	\$ 389,100	11%
10-12	OVERTIME	2,513	517	1,192	2,000	2,000	1,500	-25%
10-13	TEMPORARY	-	3,606	10,806	11,500	11,500	-	-100%
10-14	FICA TAXES	15,545	20,483	26,117	27,900	28,200	29,900	7%
10-15	HEALTH INSURANCE	30,983	34,572	47,538	52,500	52,500	61,400	17%
10-16	L I D INSURANCE	1,362	1,584	1,917	2,000	2,000	2,400	20%
10-17	WORKERS COMPENSATION	453	594	1,185	1,700	1,700	1,300	-24%
10-19	PENSION	12,481	16,103	20,361	20,700	20,700	23,300	13%
10-20	OPEB	22,310	31,719	40,154	33,500	33,500	53,300	59%
	PERSONNEL COSTS	303,022	387,858	503,003	503,300	507,300	562,200	12%
20-22	OFFICE SUPPLIES	628	623	666	700	700	700	0%
20-23	PRINTING AND DUPLICATING	3,231	3,168	2,834	3,300	3,300	2,900	-12%
20-26	PROGRAM EXPENSES/SUPPLIES	1,800	1,800	1,800	1,800	1,800	8,900	394%
20-37	COMPUTER SOFTWARE	-	-	-	-	300	-	0%
20-38	COMPUTER HARDWARE	1,402	-	-	2,600	2,600	1,300	-50%
	MATERIALS & SUPPLIES	7,062	6,259	5,300	8,400	8,700	13,800	64%
30-21	TELEPHONE/FAX	610	628	644	800	800	800	0%
30-27	SUBSCRIPTIONS AND DUES	3,174	4,056	4,182	4,500	4,500	3,800	-16%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,444	3,316	3,229	2,200	2,200	2,200	0%
30-31	CONTRACTUAL SERVICES	-	-	94,895	5,000	5,000	-	-100%
30-32	LEGAL EXPENSES	216,264	151,419	304,361	159,000	153,700	150,000	-6%
30-35	COMMUNITY RELATIONS EXP	680	24	1,559	200	5,200	200	0%
30-37	OTHER EXPENSES	-	-	-	90,400	89,400	-	-100%
30-62	GASOLINE	-	-	28	100	100	-	-100%
30-91	ECONOMIC DEVELOPMENT	-	-	-	18,500	18,500	18,500	0%
	ADMINISTRATIVE EXPENDITURES	223,252	159,442	408,898	280,700	279,400	175,500	-37%
	OPERATING EXPENDITURES	533,336	553,558	917,201	792,400	795,400	751,500	-5%
40-22	AUTOMOBILES - PURCHASE	-	-	-	-	17,800	-	0%
40-31	CONSTRUCTION - PURCHASE	-	-	-	-	434,600	-	0%
	CAPITAL OUTLAY	-	-	-	-	452,400	-	0%
	TOTAL EXPENDITURES	\$ 533,336	\$ 553,558	\$ 917,201	\$ 792,400	\$ 1,247,800	\$ 751,500	-5%
	REVENUES							
	GENERAL FUND	\$ 533,336	\$ 553,558	\$ 917,201	\$ 792,400	\$ 795,400	\$ 751,500	
	GOV. CAPITAL PROJECT FUND	-	-	-	-	452,400	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	4.0	4.0	4.0	4.0	5.0	
	BUDGETED PART-TIME POSITIONS			4.0	4.0	4.0	-	

CITY CLERK

FISCAL YEAR 2018 ORGANIZATIONAL CHART



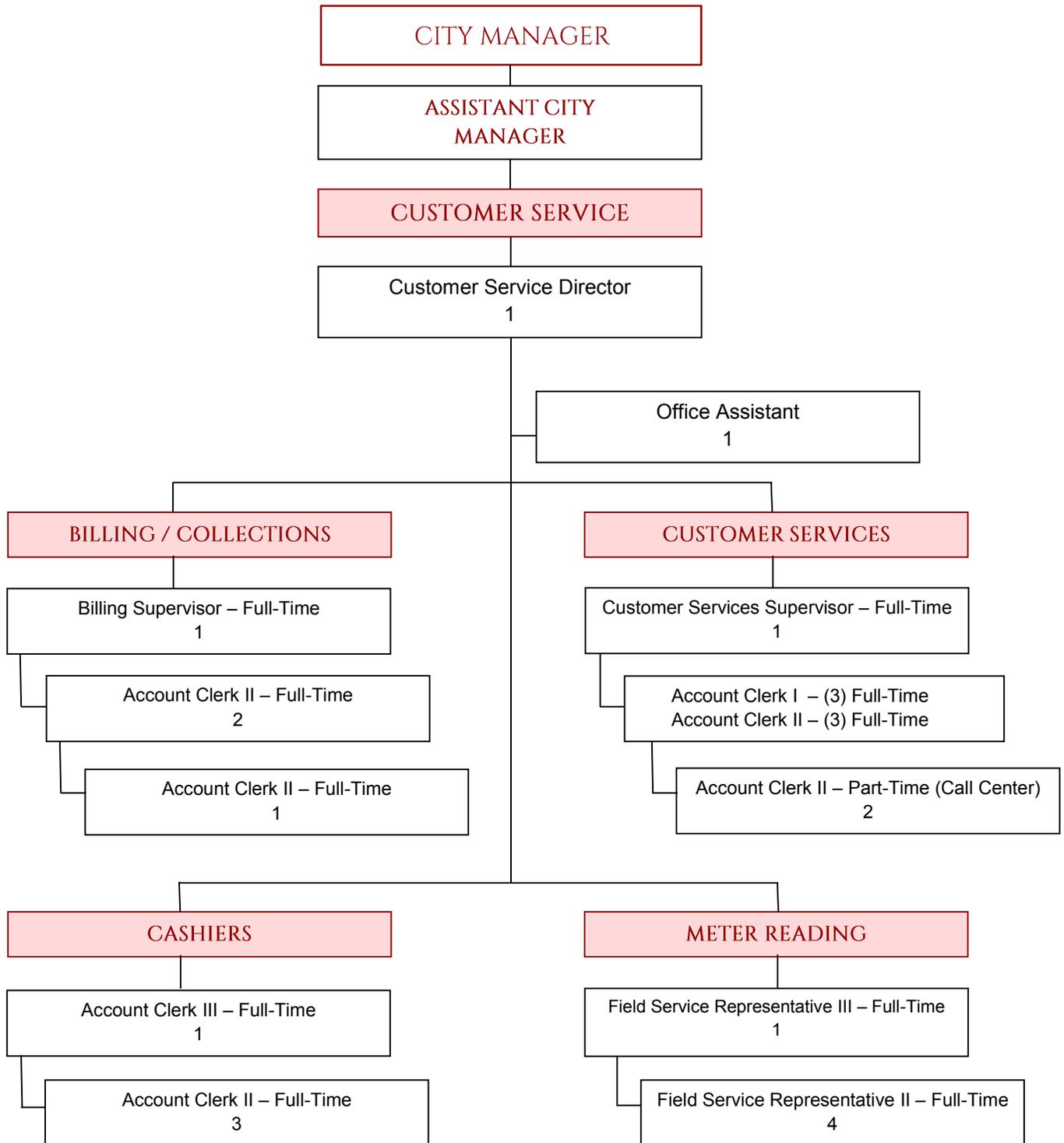
*Appointed by Council

CITY CLERK
110-1100-511

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 218,533	\$ 225,061	\$ 222,136	\$ 228,300	\$ 231,900	\$ 232,900	2%
10-14	FICA TAXES	16,189	16,711	16,525	17,500	17,800	17,800	2%
10-15	HEALTH INSURANCE	34,888	32,897	35,977	42,800	42,800	41,600	-3%
10-16	L I D INSURANCE	1,523	1,554	1,475	1,600	1,600	1,600	0%
10-17	WORKERS COMPENSATION	451	472	720	700	700	800	14%
10-19	PENSION	45,634	43,297	43,869	59,800	59,800	62,600	5%
10-20	OPEB	23,094	26,378	25,585	22,100	22,100	31,900	44%
	PERSONNEL COSTS	340,312	346,369	346,287	372,800	376,700	389,200	4%
20-22	OFFICE SUPPLIES	141	1,338	1,081	1,400	1,400	2,200	57%
20-23	PRINTING AND DUPLICATING	2,514	2,214	2,031	2,700	2,700	2,700	0%
20-37	COMPUTER SOFTWARE	727	50	507	500	500	2,700	440%
20-38	COMPUTER HARDWARE	3,246	-	-	4,600	4,600	4,600	0%
	MATERIALS & SUPPLIES	6,629	3,603	3,619	9,200	9,200	12,200	33%
30-21	TELEPHONE/FAX	486	478	490	500	500	500	0%
30-25	ADVERTISEMENT	826	641	996	1,000	1,000	1,000	0%
30-27	SUBSCRIPTIONS AND DUES	694	805	735	700	700	500	-29%
30-28	TRAINING/CONF/FOOD/TRAVEL	383	6,873	3,569	2,900	2,900	1,300	-55%
30-31	CONTRACTUAL SERVICES	12,989	11,659	11,638	15,000	15,000	31,500	110%
30-34	ELECTION RELATED EXPENSES	5,626	7,137	194	9,200	9,200	200	-98%
30-61	OFF EQUIP/REPAIRS & MAINT	-	-	2,572	1,000	1,000	300	-70%
	ADMINISTRATIVE EXPENDITURES	21,004	27,593	20,195	30,300	30,300	35,300	17%
	OPERATING EXPENDITURES	367,944	377,564	370,101	412,300	416,200	436,700	6%
40-25	OTHER EQUIP - PURCHASE	-	-	-	-	155,400	-	0%
	CAPITAL OUTLAY	-	-	-	-	155,400	-	0%
	TOTAL EXPENDITURES	\$ 367,944	\$ 377,564	\$ 370,101	\$ 412,300	\$ 416,200	\$ 436,700	6%
	REVENUES							
	GENERAL FUND	\$ 367,944	\$ 377,564	\$ 370,101	\$ 412,300	\$ 416,200	\$ 436,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	4.0	4.0	4.0	

CUSTOMER SERVICE

FISCAL YEAR 2018 ORGANIZATION CHART



CUSTOMER SERVICES
110-2900-529

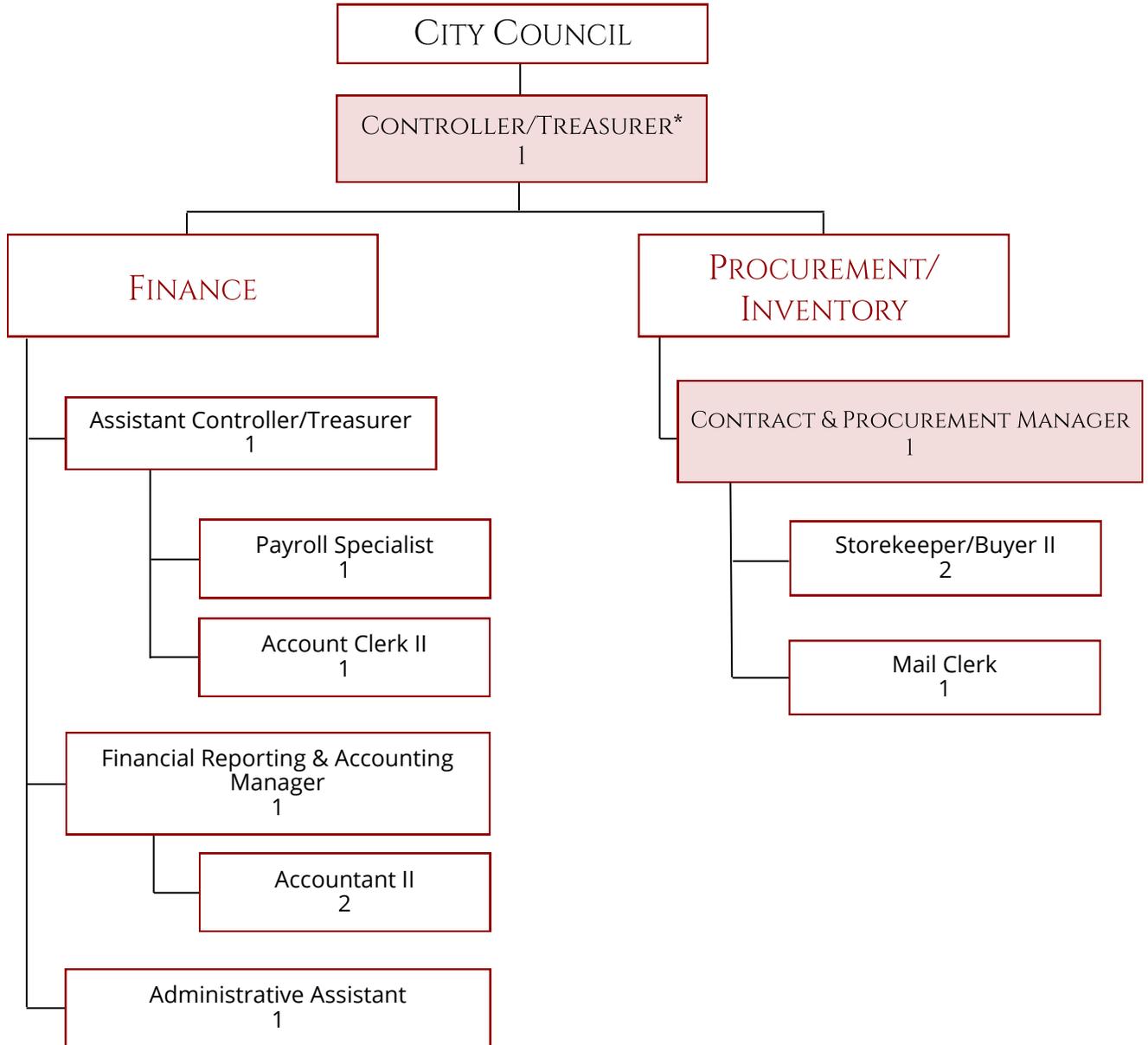
ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 556,289	\$ 549,628	\$ 548,364	\$ 556,100	\$ 618,100	\$ 640,600	15%
10-12	OVERTIME	-	-	123	-	-	-	0%
10-13	TEMPORARY HELP	11,458	28,982	46,658	82,700	82,700	39,100	-53%
10-14	FICA TAXES	41,914	42,912	43,820	48,800	57,500	52,000	7%
10-15	HEALTH INSURANCE	108,452	102,609	123,999	133,700	157,200	168,100	26%
10-16	L I D INSURANCE	3,411	3,230	3,038	3,200	3,200	3,800	19%
10-17	WORKERS COMPENSATION	1,162	1,211	1,928	2,100	2,500	2,200	5%
10-19	PENSION	152,791	133,010	139,540	196,700	202,600	121,100	-38%
10-20	OPEB	58,476	63,280	63,116	53,900	53,900	87,800	63%
	PERSONNEL COSTS	935,454	926,502	970,586	1,077,200	1,177,700	1,114,700	3%
20-21	FURNITURE/FIXTURES	-	365	378	400	400	400	0%
20-22	OFFICE SUPPLIES	12,211	12,690	12,897	13,600	13,600	13,600	0%
20-23	PRINTING AND DUPLICATING	14,497	14,152	14,914	15,000	15,000	15,000	0%
20-37	COMPUTER SOFTWARE	-	199	10	300	300	-	-100%
20-38	COMPUTER HARDWARE	2,389	3,020	11,417	3,300	3,300	3,300	0%
	MATERIALS & SUPPLIES	29,096	30,426	39,615	32,600	32,600	32,300	-1%
30-21	TELEPHONE/FAX	4,289	4,444	4,506	5,100	5,100	5,100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	1,000	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	217,564	72,537	12,321	12,500	12,500	1,000	-92%
30-61	OFF EPUIP/REPAIRS & MAINT	15,573	11,680	9,858	15,400	15,400	15,400	0%
	ADMINISTRATIVE EXPENDITURES	237,426	88,660	27,685	34,000	34,000	22,500	-34%
	OPERATING EXPENDITURES	1,201,976	1,045,588	1,037,886	1,143,800	1,244,300	1,169,500	2%
	TOTAL EXPENDITURES	\$ 1,201,976	\$ 1,045,588	\$ 1,037,886	\$ 1,143,800	\$ 1,244,300	\$ 1,169,500	2%
	REVENUES							
	GENERAL FUND	\$ 1,201,976	\$ 1,045,588	\$ 1,037,886	\$ 1,143,800	\$ 1,244,300	\$ 1,169,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	14.0	14.0	14.0	13.0	18.0	16.0	
	BUDGETED PART-TIME POSITIONS	-	1.0	4.0	4.0	2.0	2.0	

METER READING
480/487-8500-565

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 129,075	\$ 174,207	\$ 186,073	\$ 193,200	\$ 194,100	\$ 192,200	-1%
10-12	OVERTIME	9,377	13,155	15,739	19,100	19,100	19,100	0%
10-13	TEMPORARY HELP	-	588	5,787	12,500	12,500	12,500	0%
10-14	FICA TAXES	10,177	13,711	15,101	17,200	17,300	17,100	-1%
10-15	HEALTH INSURANCE	27,477	42,501	51,688	55,500	55,500	51,000	-8%
10-16	L I D INSURANCE	758	909	883	1,000	1,000	1,000	0%
10-17	WORKERS COMPENSATION	4,564	6,121	8,152	8,000	8,000	8,700	9%
10-19	PENSION	68,813	79,494	45,440	40,400	40,400	57,700	43%
10-20	OPEB	8,990	12,493	3,324	3,700	3,700	3,700	0%
	PERSONNEL COSTS	259,231	343,180	332,185	350,600	351,600	363,000	4%
20-21	FURNITURE/FIXTURES	-	-	331	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,694	4,738	3,675	4,700	4,700	4,700	0%
20-32	SECURITY/SAFETY MATERIALS	400	-	-	100	100	100	0%
20-33	SMALL TOOLS	-	5,445	5,318	6,100	5,400	5,400	-11%
20-55	METER READING SUPPLIES	3,972	3,936	4,601	4,000	4,000	5,500	38%
	MATERIALS & SUPPLIES	7,066	14,119	13,924	14,900	14,200	15,700	5%
30-21	TELEPHONE/FAX	1,610	2,082	2,036	2,100	2,100	2,100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	-	500	500	500	0%
30-62	GASOLINE	10,532	7,129	4,959	5,000	5,000	5,000	0%
30-66	OTHER EQUIP REPAIRS/MAINT	5,463	5,057	5,300	5,300	6,000	5,900	11%
30-67	RADIO REPAIRS/MAINTENANCE	326	91	166	200	200	300	50%
	ADMINISTRATIVE EXPENDITURES	17,931	14,359	12,461	13,100	13,800	13,800	5%
	OPERATING EXPENDITURES	284,229	371,658	358,571	378,600	379,600	392,500	4%
40-23	TRUCKS - PURCHASE	-	-	-	41,800	64,800	-	-100%
	CAPITAL OUTLAY	-	-	-	41,800	64,800	-	-100%
	TOTAL EXPENDITURES	\$ 284,229	\$ 371,658	\$ 358,571	\$ 420,400	\$ 444,400	\$ 392,500	-7%
	REVENUES							
	ELECTRIC FUND	\$ 284,229	\$ 371,658	\$ 358,571	\$ 378,600	\$ 379,600	\$ 392,500	
	ELECTRIC I & E FUND	-	-	-	41,800	64,800	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	4.0	4.0	4.0	4.0	
	BUDGETED PART-TIME POSITIONS			-	-	-	1.0	

FINANCE

FISCAL YEAR 2018 ORGANIZATIONAL CHART



* Appointed by Council

FINANCE
110-2300-517

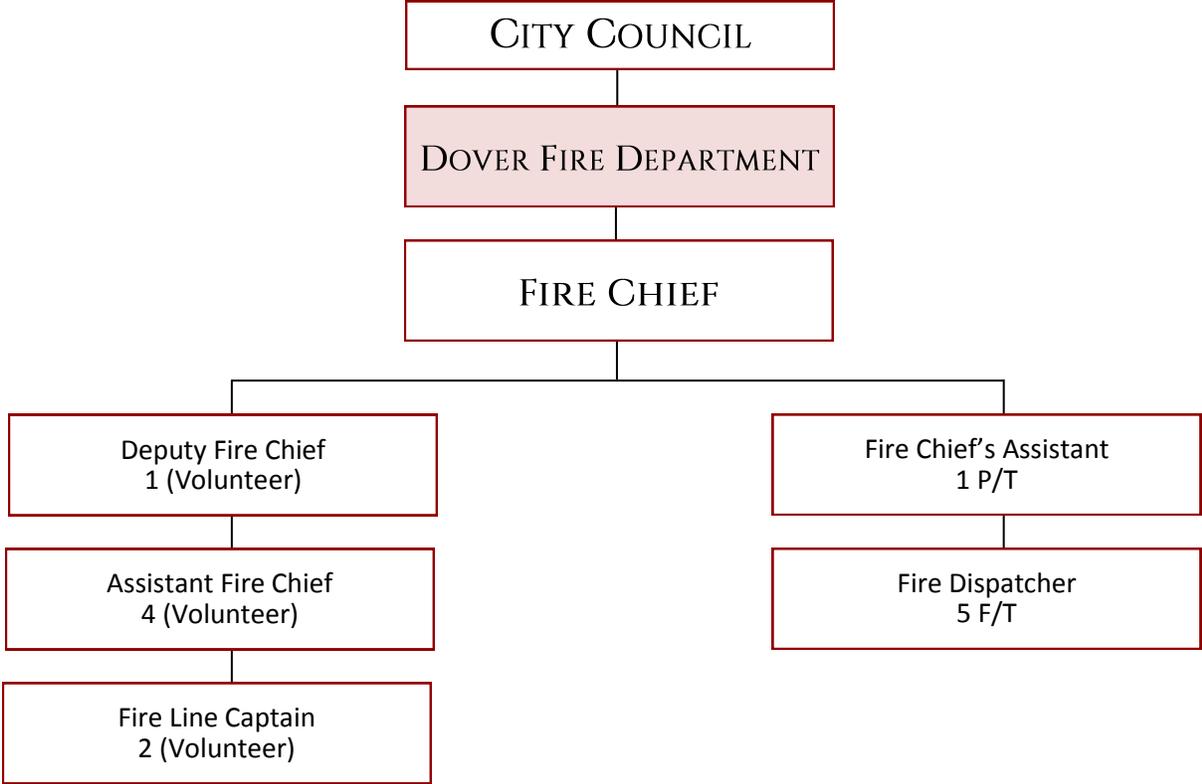
ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 453,720	\$ 496,728	\$ 518,474	\$ 515,800	\$ 520,700	\$ 524,300	2%
10-12	OVERTIME	104	37	12	-	-	-	0%
10-14	FICA TAXES	32,288	35,548	37,031	39,400	39,800	40,100	2%
10-15	HEALTH INSURANCE	80,052	85,752	95,736	104,000	104,000	99,900	-4%
10-16	L I D INSURANCE	2,627	2,675	2,734	2,900	2,900	3,000	3%
10-17	WORKERS COMPENSATION	924	1,002	1,680	1,700	1,700	1,700	0%
10-18	EDUCATIONAL ASSISTANCE	-	3,203	4,640	-	1,200	-	0%
10-19	PENSION	91,970	70,893	74,700	97,800	97,800	102,200	4%
10-20	OPEB	46,797	57,886	59,825	50,000	50,000	71,800	44%
	PERSONNEL COSTS	708,481	753,725	794,832	811,600	818,100	843,000	4%
20-22	OFFICE SUPPLIES	751	669	690	800	800	700	-13%
20-23	PRINTING AND DUPLICATING	1,544	1,902	2,598	1,900	1,900	2,200	16%
20-38	COMPUTER HARDWARE	7,138	-	-	-	-	1,300	0%
	MATERIALS & SUPPLIES	9,913	2,571	3,288	2,700	2,700	4,200	56%
30-21	TELEPHONE/FAX	1,340	1,448	1,380	1,400	1,400	1,900	36%
30-25	ADVERTISEMENT	214	186	171	200	200	200	0%
30-27	SUBSCRIPTIONS AND DUES	1,311	1,291	1,463	1,200	1,200	1,200	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,645	5,842	2,556	2,200	2,200	2,500	14%
30-31	CONTRACTUAL SERVICES	182,212	179,155	173,659	188,100	188,100	182,200	-3%
30-61	OFF EQUIP/REPAIRS & MAINT	3,608	2,400	2,200	3,700	3,700	3,700	0%
	ADMINISTRATIVE EXPENDITURES	192,330	190,322	181,429	196,800	196,800	191,700	-3%
	OPERATING EXPENDITURES	910,724	946,618	979,550	1,011,100	1,017,600	1,038,900	3%
	TOTAL EXPENDITURES	\$ 910,724	\$ 946,618	\$ 979,550	\$ 1,011,100	\$ 1,017,600	\$ 1,038,900	3%
	REVENUES							
	GENERAL FUND	\$ 910,724	\$ 946,618	\$ 979,550	\$ 1,011,100	\$ 1,017,600	\$ 1,038,900	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	8.0	8.0	8.0	8.0	8.0	8.0	
	BUDGETED PART-TIME POSITIONS	-	-	1.0	-	-	-	

PROCUREMENT & INVENTORY
110-2700-571

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 158,271	\$ 156,237	\$ 162,890	\$ 165,800	\$ 165,800	\$ 170,200	3%
10-12	OVERTIME	2,132	756	489	1,000	1,000	1,000	0%
10-13	TEMPORARY HELP	-	11,134	10,658	21,400	21,400	22,500	5%
10-14	FICA TAXES	12,234	12,670	13,091	14,400	14,400	14,800	3%
10-15	HEALTH INSURANCE	13,552	12,471	14,680	15,700	15,700	15,700	0%
10-16	L I D INSURANCE	916	900	899	1,000	1,000	1,000	0%
10-17	WORKERS COMPENSATION	3,186	3,082	3,313	6,100	6,100	6,900	13%
10-18	EDUCATIONAL ASSISTANCE	5,016	8,209	5,739	-	-	-	0%
10-19	PENSION	52,702	49,346	51,986	72,500	72,500	77,200	6%
10-20	OPEB	16,697	18,570	19,044	16,100	16,100	23,300	45%
	PERSONNEL COSTS	264,706	273,375	282,788	314,000	314,000	332,600	6%
20-21	FURNITURE/FIXTURES	-	-	-	300	300	-	-100%
20-22	OFFICE SUPPLIES	379	236	214	400	400	300	-25%
20-23	PRINTING AND DUPLICATING	3,799	3,612	3,511	3,600	3,600	3,600	0%
20-26	PROGRAM EXPENSES/SUPPLIES	864	581	992	1,000	1,000	1,000	0%
20-29	UNIFORMS/UNIFORM ALLOW	663	725	634	900	900	900	0%
20-31	BOOKS	-	-	-	-	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	263	36	-	500	500	500	0%
20-37	COMPUTER SOFTWARE	-	50	50	200	200	-	-100%
20-38	COMPUTER HARDWARE	-	94	516	1,800	1,800	1,800	0%
20-46	CITY BLDG MAINT SUPPLIES	2,790	2,348	12,714	2,200	2,200	4,900	123%
20-58	WATER/SEWER	3,284	2,574	2,271	3,000	3,000	3,000	0%
	MATERIALS & SUPPLIES	13,033	10,775	20,902	13,900	13,900	16,000	15%
30-21	TELEPHONE/FAX	1,418	1,366	1,395	1,400	1,400	1,400	0%
30-22	POSTAGE	127,822	129,272	148,931	150,000	150,000	150,000	0%
30-23	ELECTRICITY	70,802	70,249	62,439	65,000	65,000	64,000	-2%
30-24	HEATING OIL/GAS	-	-	28	100	100	100	0%
30-25	ADVERTISEMENT	2,228	1,951	2,909	2,500	2,500	2,500	0%
30-27	SUBSCRIPTIONS AND DUES	545	440	515	600	600	700	17%
30-28	TRAINING/CONF/FOOD/TRAVEL	60	-	250	2,700	2,700	1,000	-63%
30-31	CONTRACTUAL SERVICES	17,831	18,801	18,566	24,500	24,500	26,300	7%
30-43	ENVIRONMENTAL EXPENSES	4,508	4,128	2,580	3,500	3,500	3,500	0%
30-61	OFF EPUIP/REPAIRS & MAINT	9,904	9,882	4,534	5,000	5,000	5,000	0%
30-62	GASOLINE	1,732	1,399	1,208	1,500	1,500	1,500	0%
30-66	OTHER EPUIP REPAIRS/MAINT	3,057	6,583	519	200	200	300	50%
30-67	RADIO REPAIRS/MAINTENANCE	165	91	83	200	200	200	0%
	ADMINISTRATIVE EXPENDITURES	240,070	244,161	243,958	257,200	257,200	256,500	0%
	OPERATING EXPENDITURES	517,809	528,311	547,648	585,100	585,100	605,100	3%
	TOTAL EXPENDITURES	\$ 517,809	\$ 577,983	\$ 547,648	\$ 585,100	\$ 585,100	\$ 605,100	3%
	REVENUES							
	GENERAL FUND	\$ 517,809	\$ 528,311	\$ 547,648	\$ 585,100	\$ 585,100	\$ 605,100	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	3.0	3.0	3.0	3.0	3.0	
	BUDGETED PART-TIME POSITIONS	-	1.0	1.0	1.0	1.0	1.0	

DOVER FIRE DEPARTMENT

FISCAL YEAR 2018 ORGANIZATIONAL CHART

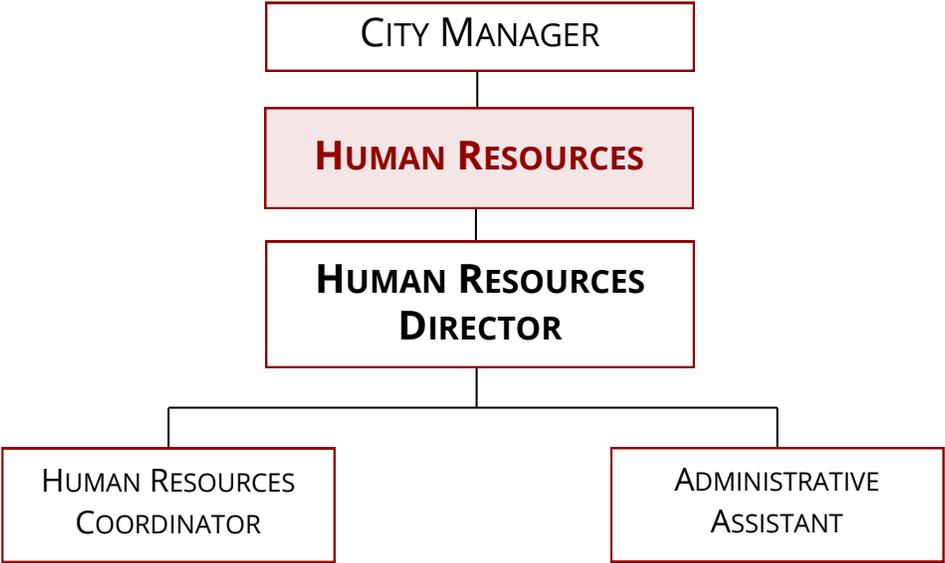


FIRE DEPARTMENT
110-1400-514

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 196,608	\$ 215,877	\$ 160,598	\$ 208,100	\$ 186,300	\$ 215,100	3%
10-12	OVERTIME	45,836	43,706	32,036	43,000	43,000	35,000	-19%
10-13	TEMPORARY HELP	8,278	7,697	47,557	37,100	42,900	25,000	-33%
10-14	FICA TAXES	18,603	19,890	18,138	22,000	22,000	21,000	-5%
10-15	HEALTH INSURANCE	36,155	36,451	34,947	39,000	39,000	45,800	17%
10-16	L I D INSURANCE	1,089	1,199	913	1,100	1,100	1,100	0%
10-17	WORKERS COMPENSATION	518	557	773	900	900	900	0%
10-19	PENSION	61,862	47,308	39,512	66,400	66,400	69,100	4%
10-20	OPEB	20,444	25,234	20,505	20,100	20,100	29,400	46%
	PERSONNEL COSTS	389,394	397,918	354,979	437,700	421,700	442,400	1%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	-	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	281,300	282,740	332,500	283,000	299,000	331,500	17%
	ADMINISTRATIVE EXPENDITURES	281,300	282,740	332,500	284,000	300,000	332,500	17%
	OPERATING EXPENDITURES	671,194	680,658	687,479	721,700	721,700	774,900	7%
40-25	OTHER EQUIP - PURCHASE	-	288,651	445,594	145,700	145,700	145,700	0%
40-31	CONSTRUCTION - PURCHASE	238,515	237,965	-	-	-	-	0%
	CAPITAL OUTLAY	238,515	526,617	445,594	145,700	145,700	145,700	0%
	TOTAL EXPENDITURES	\$ 909,708	\$ 1,207,275	\$ 1,133,074	\$ 867,400	\$ 867,400	\$ 920,600	6%
	REVENUES							
	GENERAL FUND	\$ 671,194	\$ 680,658	\$ 687,479	\$ 721,700	\$ 721,700	\$ 774,900	
	GOV. CAPITAL PROJECT FUND	238,515	526,617	445,594	145,700	145,700	145,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	5.0	5.0	5.0	5.0	
	BUDGETED PART-TIME POSITIONS	1.0	2.0	3.0	5.0	5.0	5.0	

HUMAN RESOURCES

FISCAL YEAR 2018 ORGANIZATIONAL CHART



HUMAN RESOURCES

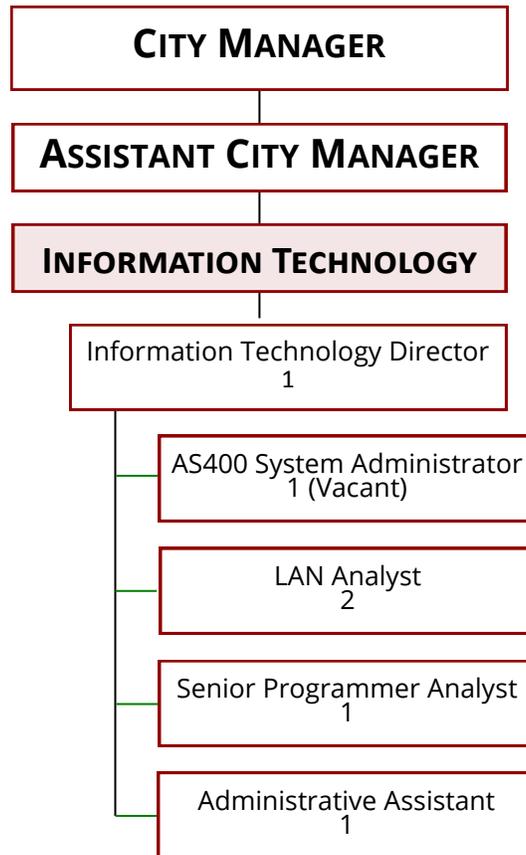
110-3100-518

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 180,183	\$ 181,435	\$ 190,880	\$ 187,100	\$ 194,300	\$ 190,800	2%
10-12	OVERTIME	-	-	159	-	-	-	0%
10-14	FICA TAXES	13,282	13,309	13,923	14,300	14,800	14,600	2%
10-15	HEALTH INSURANCE	30,157	25,166	33,650	39,600	39,600	47,400	20%
10-16	L I D INSURANCE	1,207	1,205	1,229	1,300	1,300	1,400	8%
10-17	WORKERS COMPENSATION	371	379	619	600	600	600	0%
10-18	EDUCATIONAL ASSISTANCE	4,624	3,297	2,414	-	1,200	-	0%
10-19	PENSION	61,954	57,914	59,911	84,100	84,100	88,100	5%
10-20	OPEB	18,807	21,124	21,977	18,100	18,100	26,100	44%
	PERSONNEL COSTS	310,585	303,828	324,762	345,100	354,000	369,000	7%
20-21	FURNITURE/FIXTURES	-	-	-	-	1,000	-	100%
20-22	OFFICE SUPPLIES	685	795	716	800	800	800	0%
20-23	PRINTING AND DUPLICATING	2,865	3,892	3,198	3,000	3,000	3,000	0%
20-26	PROGRAM EXPENSES/SUPPLIES	205	145	298	400	400	400	0%
20-28	MEDICAL SUP & PHYSICALS	16,201	10,731	14,318	14,000	14,000	14,000	0%
20-31	BOOKS	-	-	571	500	500	-	-100%
20-32	SECURITY/SAFETY MATERIALS	544	505	248	300	300	300	0%
20-37	COMPUTER SOFTWARE	-	-	-	400	400	-	-100%
20-38	COMPUTER HARDWARE	1,233	2,474	2,715	-	-	1,500	0%
20-48	PERSONNEL RELATED SUP	9,144	10,180	9,558	10,000	10,000	9,000	-10%
	MATERIALS & SUPPLIES	30,877	28,721	31,621	29,400	30,400	29,000	-1%
30-21	TELEPHONE/FAX	432	445	457	500	500	500	0%
30-25	ADVERTISEMENT	10,073	14,457	2,640	5,600	5,600	20,000	257%
30-27	SUBSCRIPTIONS AND DUES	375	110	719	900	900	600	-33%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,701	3,550	2,959	2,500	2,500	2,500	0%
30-29	CONSULTING FEES	60	-	-	-	-	7,500	0%
30-31	CONTRACTUAL SERVICES	1,000	2,000	-	1,000	1,000	1,000	0%
30-39	IN-HOUSE TRAINING	295	660	680	1,500	1,500	500	-67%
30-41	UNEMPLOYMENT COMP EXPENSE	6,666	6,437	2,975	6,000	6,000	6,000	0%
	ADMINISTRATIVE EXPENDITURES	21,602	28,834	10,429	18,000	18,000	38,600	114%
	OPERATING EXPENDITURES	363,064	361,384	366,812	392,500	402,400	436,600	11%
	TOTAL EXPENDITURES	\$ 363,064	\$ 361,384	\$ 366,812	\$ 392,500	\$ 402,400	\$ 436,600	11%
	REVENUES							
	GENERAL FUND	\$ 363,064	\$ 361,384	\$ 366,812	\$ 392,500	\$ 402,400	\$ 436,600	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

FY 2018 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

INFORMATION TECHNOLOGY

FISCAL YEAR 2018 ORGANIZATIONAL CHART

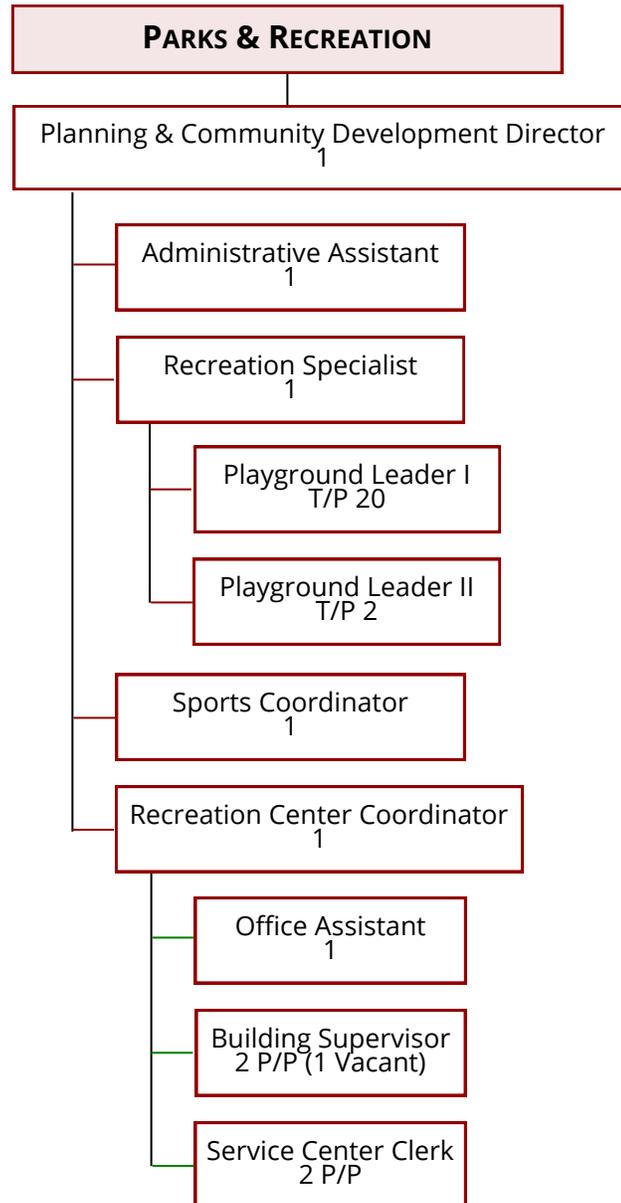


INFORMATION TECHNOLOGY
110-2200-516

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 283,375	\$ 306,042	\$ 210,688	\$ 250,200	\$ 253,600	\$ 249,100	0%
10-13	TEMPORARY	-	-	-	13,800	13,800	-	-100%
10-14	FICA TAXES	20,913	22,969	15,765	20,200	20,500	19,000	-6%
10-15	HEALTH INSURANCE	39,584	36,705	19,641	33,500	33,500	35,000	4%
10-16	L I D INSURANCE	1,949	1,617	1,026	1,300	1,300	1,300	0%
10-17	WORKERS COMPENSATION	584	656	683	900	900	800	-11%
10-18	EDUCATIONAL ASSISTANCE	-	4,118	5,259	-	-	-	0%
10-19	PENSION	107,175	99,893	68,018	97,200	97,200	100,600	3%
10-20	OPEB	29,869	32,456	23,735	24,300	24,300	34,100	40%
	PERSONNEL COSTS	483,450	504,455	344,815	441,400	445,100	439,900	0%
20-22	OFFICE SUPPLIES	1,144	824	517	1,100	1,100	600	-45%
20-34	DATA PROCESSING SUPPLIES	767	986	597	1,000	1,000	600	-40%
20-37	COMPUTER SOFTWARE	66,571	66,718	80,826	83,000	85,000	86,000	4%
20-38	COMPUTER HARDWARE	15,265	8,183	5,936	13,600	13,600	7,600	-44%
	MATERIALS & SUPPLIES	83,748	76,711	87,875	98,700	100,700	94,800	-4%
30-21	TELEPHONE/FAX	2,077	2,165	1,899	2,300	2,300	2,000	-13%
30-27	SUBSCRIPTIONS AND DUES	653	195	195	200	200	700	250%
30-28	TRAINING/CONF/FOOD/TRAVEL	126	1,655	1,342	1,500	1,500	1,500	0%
30-31	CONTRACTUAL SERVICES	22,127	24,427	34,099	34,800	34,800	101,100	191%
30-39	IN-HOUSE TRAINING	6,000	5,000	6,200	6,400	6,400	6,400	0%
30-61	OFF EQUIP/REPAIRS & MAINT	117,975	115,416	126,732	130,900	128,900	130,900	0%
30-62	GASOLINE	61	22	68	100	100	100	0%
	ADMINISTRATIVE EXPENDITURES	149,019	148,880	170,535	176,200	174,200	242,700	38%
	OPERATING EXPENSES	716,217	730,046	603,226	716,300	720,000	777,400	9%
40-28	COMPUTER HARDWARE/CAPITAL	-	-	-	-	-	36,600	0%
	CAPITAL OUTLAY	-	-	-	-	-	36,600	0%
	TOTAL EXPENDITURES	\$ 716,217	\$ 730,046	\$ 603,226	\$ 716,300	\$ 720,000	\$ 814,000	14%
	REVENUES							
	GENERAL FUND	\$ 716,217	\$ 730,046	\$ 603,226	\$ 716,300	\$ 720,000	\$ 777,400	
	GOV. CAPITAL PROJECT FUND	-	-	-	-	-	36,600	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	4.0	4.0	4.0	4.0	
	BUDGETED PART-TIME POSITIONS	-	-	1.0	1.0	1.0	-	

PARKS & RECREATION

FISCAL YEAR 2018 ORGANIZATIONAL CHART

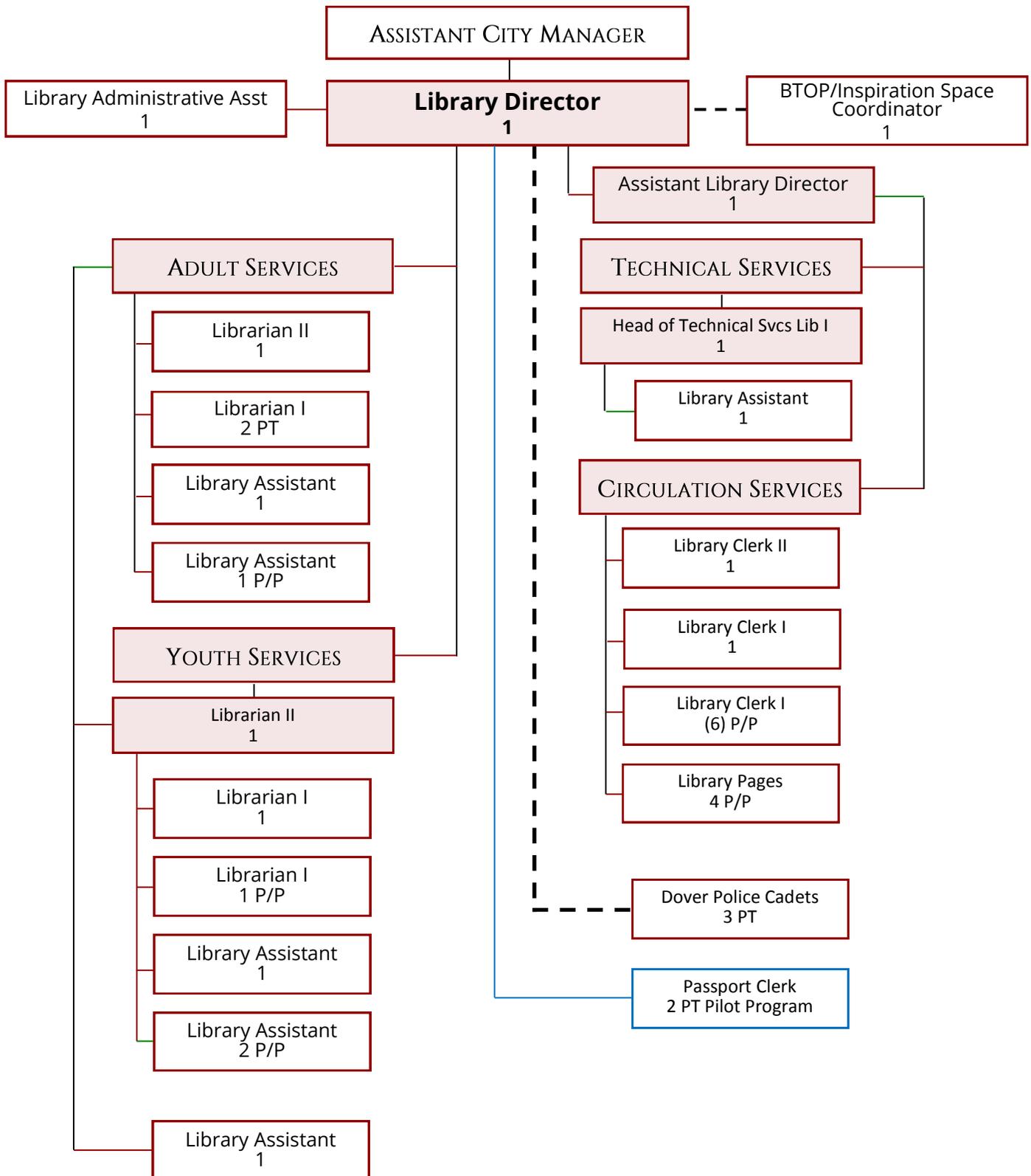


RECREATION
110-1500-525

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE	2017-2018 Subs Abuse BUDGET
10-11	SALARIES	\$ 217,283	\$ 229,135	\$ 234,936	\$ 234,400	\$ 240,300	\$ 236,600	1%	\$ -
10-12	OVERTIME	102	398	1,710	1,600	1,600	1,600	0%	-
10-13	TEMPORARY HELP	101,497	85,587	81,555	122,100	122,100	122,800	1%	62,700
10-14	FICA TAXES	23,734	23,484	23,561	27,400	27,900	27,600	1%	4,800
10-15	HEALTH INSURANCE	40,478	40,628	47,867	51,400	51,400	51,400	0%	-
10-16	L I D INSURANCE	1,702	1,567	1,479	1,200	1,200	1,200	0%	-
10-17	WORKERS COMPENSATION	694	656	1,027	1,100	1,100	1,200	9%	200
10-19	PENSION	28,377	28,365	29,554	37,600	37,600	39,200	4%	-
10-20	OPEB	22,655	25,962	27,061	22,700	22,700	32,400	43%	-
	PERSONNEL COSTS	436,522	435,783	448,749	499,500	505,900	514,000	3%	67,700
20-22	OFFICE SUPPLIES	2,428	1,950	1,998	2,000	2,000	2,000	0%	-
20-23	PRINTING AND DUPLICATING	2,193	2,226	3,798	3,000	3,000	2,500	-17%	-
20-26	PROGRAM EXPENSES/SUPPLIES	42,776	42,050	61,724	43,000	43,000	43,000	0%	35,000
20-32	SECURITY/SAFETY MATERIALS	993	432	-	500	500	500	0%	-
20-37	COMPUTER SOFTWARE	5,525	2,492	2,700	2,700	2,700	2,900	7%	-
20-38	COMPUTER HARDWARE	1,009	3,176	3,461	-	-	1,500	0%	-
20-46	CITY BLDG MAINT SUPPLIES	4,132	4,822	4,142	5,000	5,000	4,500	-10%	-
20-58	WATER/SEWER	873	775	776	800	800	800	0%	-
	MATERIALS & SUPPLIES	60,151	57,922	78,600	57,000	57,000	57,700	1%	35,000
30-21	TELEPHONE/FAX	1,927	2,147	2,264	2,100	2,100	2,300	10%	-
30-23	ELECTRICITY	57,775	51,864	55,538	62,000	62,000	57,000	-8%	-
30-24	HEATING OIL/GAS	12,197	11,046	3,433	6,000	6,000	6,000	0%	-
30-27	SUBSCRIPTIONS AND DUES	165	2,080	2,368	2,100	2,100	2,100	0%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	2,560	492	195	500	500	1,200	140%	-
30-31	CONTRACTUAL SERVICES	103,781	95,302	121,182	119,500	119,500	122,000	2%	-
30-61	OFF EQUIP/REPAIRS & MAINT	925	1,035	161	1,000	1,000	1,000	0%	-
30-62	GASOLINE	1,531	945	971	1,200	1,200	900	-25%	-
	ADMINISTRATIVE EXPENDITURES	180,861	164,910	186,113	194,400	194,400	192,500	-1%	-
	OPERATING EXPENDITURES	677,534	658,615	713,462	750,900	757,300	764,200	2%	102,700
40-25	OTHER EQUIP - PURCHASE	-	104,000	7,850	-	-	-	0%	-
40-31	CONSTRUCTION - PURCHASE	5,829	103,323	62,664	165,000	-	271,000	64%	-
	CAPITAL OUTLAY	5,829	207,323	70,514	165,000	-	271,000	64%	-
	TOTAL EXPENDITURES	\$ 683,363	\$ 865,938	\$ 783,976	\$ 915,900	\$ 757,300	\$ 1,035,200	13%	\$ 102,700
	REVENUES								
	GENERAL FUND	\$ 677,534	\$ 658,615	\$ 713,462	\$ 750,900	\$ 757,300	\$ 764,200		\$ -
	GOV. CAPITAL PROJECT FUND	5,829	207,323	70,514	165,000	-	271,000		-
	GRANT FUNDS	-	-	-	-	-	-		102,700
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	5.0		-
	PP/TEMP	10.0	14.0	14.0	14.0	14.0	14.0		10.0

DOVER PUBLIC LIBRARY

FISCAL YEAR 2018 ORGANIZATIONAL CHART

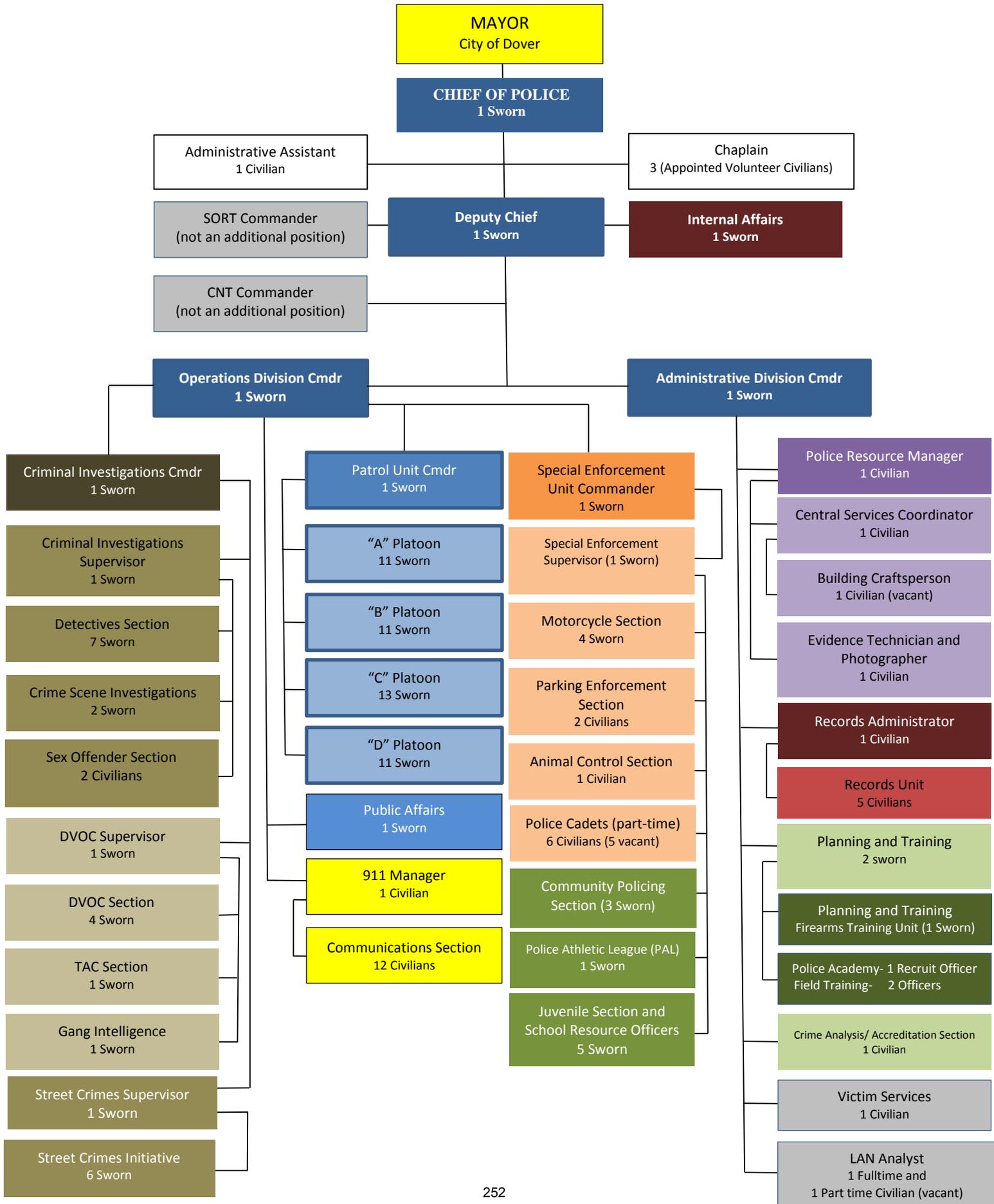


LIBRARY
110-1500-523

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE	2017-2018 GRANTS BUDGET
10-11	SALARIES	\$ 571,704	\$ 567,471	\$ 562,167	\$ 616,300	\$ 633,700	\$ 615,000	0%	\$ -
10-12	OVERTIME	5,496	3,714	2,892	3,700	3,700	-	-100%	-
10-13	TEMPORARY HELP	135,502	171,424	224,690	271,200	271,200	306,200	13%	-
10-14	FICA TAXES	51,668	54,098	57,156	68,100	70,000	70,400	3%	-
10-15	HEALTH INSURANCE	145,383	137,453	156,510	182,700	182,700	167,800	-8%	-
10-16	L I D INSURANCE	3,539	3,181	3,028	2,500	2,500	2,600	4%	-
10-17	WORKERS COMPENSATION	3,457	3,751	6,604	9,200	9,600	10,400	13%	-
10-19	PENSION	112,239	106,208	109,604	155,500	155,500	160,700	3%	-
10-20	OPEB	60,488	64,611	65,390	59,800	59,800	84,300	41%	-
	PERSONNEL COSTS	1,089,476	1,111,912	1,188,041	1,369,000	1,388,700	1,417,400	4%	-
20-21	FURNITURE/FIXTURES	-	-	-	-	9,000	-	0%	1,500
20-22	OFFICE SUPPLIES	1,497	1,495	1,500	1,500	2,500	1,500	0%	30,000
20-26	PROGRAM EXPENSES/SUPPLIES	3,199	600	600	-	-	8,500	0%	23,500
20-31	BOOKS	53,999	53,997	53,999	35,200	35,200	54,000	53%	126,400
20-32	SECURITY/SAFETY MATERIALS	1,200	1,800	2,589	3,300	3,300	1,000	-70%	-
20-37	COMPUTER SOFTWARE	1,000	500	499	500	500	400	-20%	2,100
20-38	COMPUTER HARDWARE	6,999	5,699	1,100	1,000	1,000	1,100	10%	1,000
20-46	CITY BLDG MAINT SUPPLIES	9,213	17,508	10,571	15,000	15,000	15,000	0%	-
20-47	AUDIO VISUAL SUPPLIES	1,099	-	-	-	-	-	0%	74,700
20-58	WATER/SEWER	3,125	2,426	2,274	2,400	2,400	2,300	-4%	-
	MATERIALS & SUPPLIES	83,524	84,026	73,133	58,900	68,900	83,800	42%	272,200
30-21	TELEPHONE/FAX	3,902	4,034	4,106	4,000	4,000	4,000	0%	-
30-22	POSTAGE	-	-	-	-	-	-	0%	100
30-23	ELECTRICITY	84,115	94,173	93,077	93,000	93,000	89,000	-4%	-
30-24	HEATING OIL/GAS	16,007	5,676	6,998	6,000	6,000	7,000	17%	-
30-27	SUBSCRIPTIONS AND DUES	10,998	11,000	11,000	11,000	11,000	11,000	0%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	200	-	500	-	-	-	0%	2,500
30-31	CONTRACTUAL SERVICES	31,026	65,818	49,986	89,300	89,300	89,300	0%	-
30-61	OFF EQUIP/REPAIRS & MAINT	2,500	3,800	3,800	3,800	3,800	6,800	79%	4,900
30-69	OFFICE EQUIPMENT/LEASE	-	-	-	-	2,000	-	0%	2,000
	ADMINISTRATIVE EXPENDITURES	148,748	184,499	169,467	207,100	209,100	207,100	0%	9,500
	OPERATING EXPENDITURES	1,321,748	1,380,437	1,430,640	1,635,000	1,666,700	1,708,300	4%	281,700
40-31	CONSTRUCTION - PURCHASE	80,566	-	-	-	15,000	-	0%	-
	CAPITAL OUTLAY	112,868	-	-	-	15,000	-	0%	-
20-26	FEDERAL PROG EXP/SUPPLIES	-	-	-	-	-	-	0%	2,500
	TOTAL EXPENDITURES	\$ 1,434,616	\$ 1,380,437	\$ 1,430,640	\$ 1,635,000	\$ 1,681,700	\$ 1,708,300	4%	\$ 284,200
	REVENUES								
	GENERAL FUND	\$ 1,321,748	\$ 1,380,437	\$ 1,430,640	\$ 1,635,000	\$ 1,666,700	\$ 1,708,300		\$ -
	GOV. CAPITAL PROJECT FUND	112,868	-	-	-	15,000	-		-
	GRANT FUNDS	-	-	-	-	-	-		284,200
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0	13.0		
	BUDGETED PART-TIME POSITIONS	13.0	13.0	19.0	19.0	21.0	21.0		

POLICE DEPARTMENT

FISCAL YEAR 2018 ORGANIZATIONAL CHART



**POLICE - CIVILIAN
110-1700-542**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 1,298,961	\$ 1,337,882	\$ 1,439,499	\$ 1,493,700	\$ 1,509,000	\$ 1,504,300	1%
10-12	OVERTIME	83,514	82,711	87,113	70,900	60,400	69,200	-2%
10-13	TEMPORARY HELP	-	-	-	-	-	59,800	0%
10-14	FICA TAXES	102,029	104,231	109,924	119,600	120,800	124,800	4%
10-15	HEALTH INSURANCE	226,146	242,274	301,442	325,900	325,900	374,600	15%
10-16	L I D INSURANCE	7,156	7,076	7,122	7,200	7,200	7,300	1%
10-17	WORKERS COMPENSATION	5,244	7,307	11,537	7,200	7,300	11,300	57%
10-18	EDUCATIONAL ASSISTANCE	-	3,797	1,839	-	5,000	-	0%
10-19	PENSION	332,636	319,306	337,525	426,800	426,800	465,900	9%
10-20	OPEB	130,280	153,024	166,415	142,400	142,400	202,500	42%
	PERSONNEL COSTS	2,185,966	2,257,607	2,462,415	2,593,700	2,604,800	2,819,700	9%

**POLICE - LAW ENFORCEMENT
110-1700-543**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	6,917,618	7,332,327	7,685,685	7,503,800	7,651,000	7,607,900	0%
10-12	OVERTIME	355,468	433,344	426,556	450,600	440,200	460,000	0%
10-14	FICA TAXES	539,893	573,899	593,904	608,300	619,600	617,000	0%
10-15	HEALTH INSURANCE	1,023,394	1,058,741	1,315,472	1,480,100	1,480,100	1,450,600	0%
10-16	L I D INSURANCE	26,247	26,520	26,762	28,400	28,400	28,400	0%
10-17	WORKERS COMPENSATION	284,518	308,197	401,507	473,000	481,800	497,800	0%
10-18	EDUCATIONAL ASSISTANCE	7,922	13,260	11,055	-	5,600	-	0%
10-19	PENSION	992,648	936,612	987,066	1,004,100	1,004,100	819,900	0%
10-20	OPEB	687,480	787,743	822,987	704,600	704,600	1,013,600	0%
	PERSONNEL COSTS	10,835,188	11,470,644	12,270,993	12,252,900	12,415,400	12,495,200	2%

**POLICE - EXTRA DUTY
110-1700-544**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	588,971	501,907	609,839	689,800	710,700	492,000	-29%
10-14	FICA TAXES	45,050	36,631	47,521	52,800	52,800	37,600	-29%
10-17	WORKERS COMPENSATION	25,736	18,895	26,500	41,000	41,000	30,400	-26%
	PERSONNEL COSTS	659,757	557,432	683,859	783,600	804,500	560,000	-29%
	TOTAL PERSONNEL COSTS	\$ 13,680,911	\$ 14,285,683	\$ 15,417,267	\$ 15,630,200	\$ 15,824,700	\$ 15,874,900	2%

**POLICE - CADET PROGRAM IN POLICE GRANT FUND
710-1700-545**

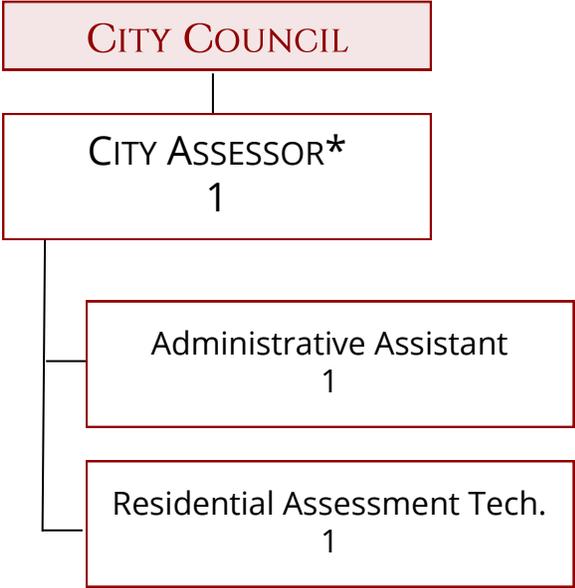
ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-13	TEMPORARY HELP	-	-	67,850	71,400	71,400	11,900	-83%
10-14	FICA TAXES	-	986	5,191	5,500	5,500	900	-84%
10-17	WORKERS COMPENSATION	-	516	3,383	4,200	4,200	700	-83%
	PERSONNEL COSTS	-	1,503	76,423	81,100	81,100	13,500	-83%
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	122.0	124.0	134.0	134.0	134.0	134.0	
	BUDGETED PART-TIME POSITIONS	-	-	6.0	6.0	6.0	6.0	

POLICE - ADMINISTRATION
110-1700-541

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE	2017-2018 GRANTS BUDGET
20-14	CI PETTY CASH DISBURSEMNTS	\$ 3,243	\$ 6,933	\$ 41,367	\$ 8,000	\$ 8,000	\$ 1,000	-88%	\$ -
20-21	FURNITURE/FIXTURES	-	-	-	-	-	4,000	0%	-
20-22	OFFICE SUPPLIES	10,016	5,683	6,083	7,000	7,000	7,000	0%	-
20-23	PRINTING AND DUPLICATING	11,810	18,756	19,135	14,000	14,000	17,000	21%	-
20-24	PHOTOGRAPHIC	696	942	1,371	1,500	1,000	1,500	0%	-
20-25	CUSTODIAL	4,489	4,583	4,247	4,500	5,600	7,000	56%	-
20-26	PROGRAM EXPENSES/SUPPLIES	48,747	81,040	89,981	67,000	67,000	67,000	0%	312,000
20-28	MEDICAL SUP & PHYSICALS	25,143	29,534	35,540	32,000	32,000	30,000	-6%	-
20-29	UNIFORMS/UNIFORM ALLOW	81,653	82,894	107,117	82,000	82,000	82,000	0%	-
20-31	BOOKS	-	2,240	-	3,000	2,700	-	-100%	-
20-32	SECURITY/SAFETY MATERIALS	18,807	1,080	1,105	1,500	1,500	1,200	-20%	-
20-36	ANIMAL CARE EXPENSES	3,692	20,293	13,216	17,000	17,000	3,000	-82%	-
20-37	COMPUTER SOFTWARE	12,267	13,390	11,231	16,700	16,700	13,500	-19%	-
20-38	COMPUTER HARDWARE	59,158	50,001	96,834	82,300	82,300	62,500	-24%	-
20-46	CITY BLDG MAINT SUPPLIES	31,608	31,506	52,277	31,400	36,400	41,500	32%	-
20-58	WATER/SEWER	1,593	2,197	2,125	2,700	2,700	2,300	-15%	-
	MATERIALS & SUPPLIES	312,923	351,073	481,630	370,600	375,900	340,500	-8%	312,000
30-21	TELEPHONE/FAX	50,816	53,750	50,387	52,900	52,900	52,900	0%	20,000
30-22	POSTAGE	74	364	80	100	100	-	-100%	-
30-23	ELECTRICITY	74,064	76,321	82,598	85,000	85,000	79,000	-7%	-
30-24	HEATING OIL/GAS	13,294	15,424	6,985	12,800	10,800	10,800	-16%	-
30-25	ADVERTISEMENT	1,039	-	480	1,000	700	1,000	0%	-
30-26	INSURANCE	12,115	43,052	41,888	30,000	30,000	30,000	0%	-
30-27	SUBSCRIPTIONS AND DUES	4,666	5,423	6,727	5,000	5,000	5,300	6%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	30,404	38,903	49,769	71,000	71,000	50,000	-30%	15,000
30-29	CONSULTING FEES/AUDIT FEES	9,933	11,609	11,716	10,400	10,400	10,400	0%	1,000
30-31	CONTRACTUAL SERVICES	55,635	44,262	85,112	192,600	192,600	172,400	-10%	-
30-61	OFF EPUIP/REPAIRS & MAINT	26,291	28,374	33,512	38,200	38,200	50,400	32%	-
30-62	GASOLINE	208,529	175,604	126,792	135,000	132,000	117,700	-13%	-
30-63	AUTO REPAIRS/MAINTENANCE	159,401	147,690	211,487	217,400	217,400	217,600	0%	-
30-67	RADIO REPAIRS/MAINTENANCE	17,068	18,782	20,561	22,500	22,500	22,500	0%	-
30-68	RADIO EPUIMENT/LEASE	520	800	8,528	500	500	8,500	1600%	-
	ADMINISTRATIVE EXPENDITURES	663,849	660,359	736,622	874,400	869,100	828,500	-5%	36,000
	OPERATING EXPENDITURES	14,657,683	15,297,116	16,635,520	16,875,200	17,069,700	17,043,900	1%	348,000
40-21	OFFICE EPUIMENT PURCHASE	8,865	-	-	-	-	-	0%	-
40-22	AUTOMOBILES - PURCHASE	227,300	148,978	248,601	287,300	287,300	275,800	-4%	-
40-25	OTHER EPUIP - PURCHASE	54,160	432,035	-	12,500	-	-	-100%	-
40-31	CONSTRUCTION - PURCHASE	51,800	-	19,900	-	12,500	104,100	0%	-
50-01	TRANSFER TO GENERAL FUND	-	-	-	-	-	-	0%	60,000
	CAPITAL OUTLAY	342,125	581,012	268,501	299,800	299,800	379,900	27%	60,000
	TOTAL EXPENDITURES	\$ 14,999,808	\$ 15,878,128	\$ 16,904,021	\$ 17,175,000	\$ 17,369,500	\$ 17,423,800	1%	\$ 408,000
	REVENUES								
	GENERAL FUND	\$ 14,657,683	\$ 15,297,116	\$ 16,635,520	\$ 16,875,200	\$ 17,069,700	\$ 17,043,900		
	GOV. CAPITAL PROJECT FUND	342,125	581,012	268,501	299,800	299,800	379,900		
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	122.0	124.0	134.0	134.0	134.0	134.0		-
	BUDGETED PART-TIME POSITIONS -	-	-	6.0	6.0	6.0	5.0		1.0

TAX ASSESSOR

FISCAL YEAR 2018 ORGANIZATIONAL CHART



*Appointed by Council

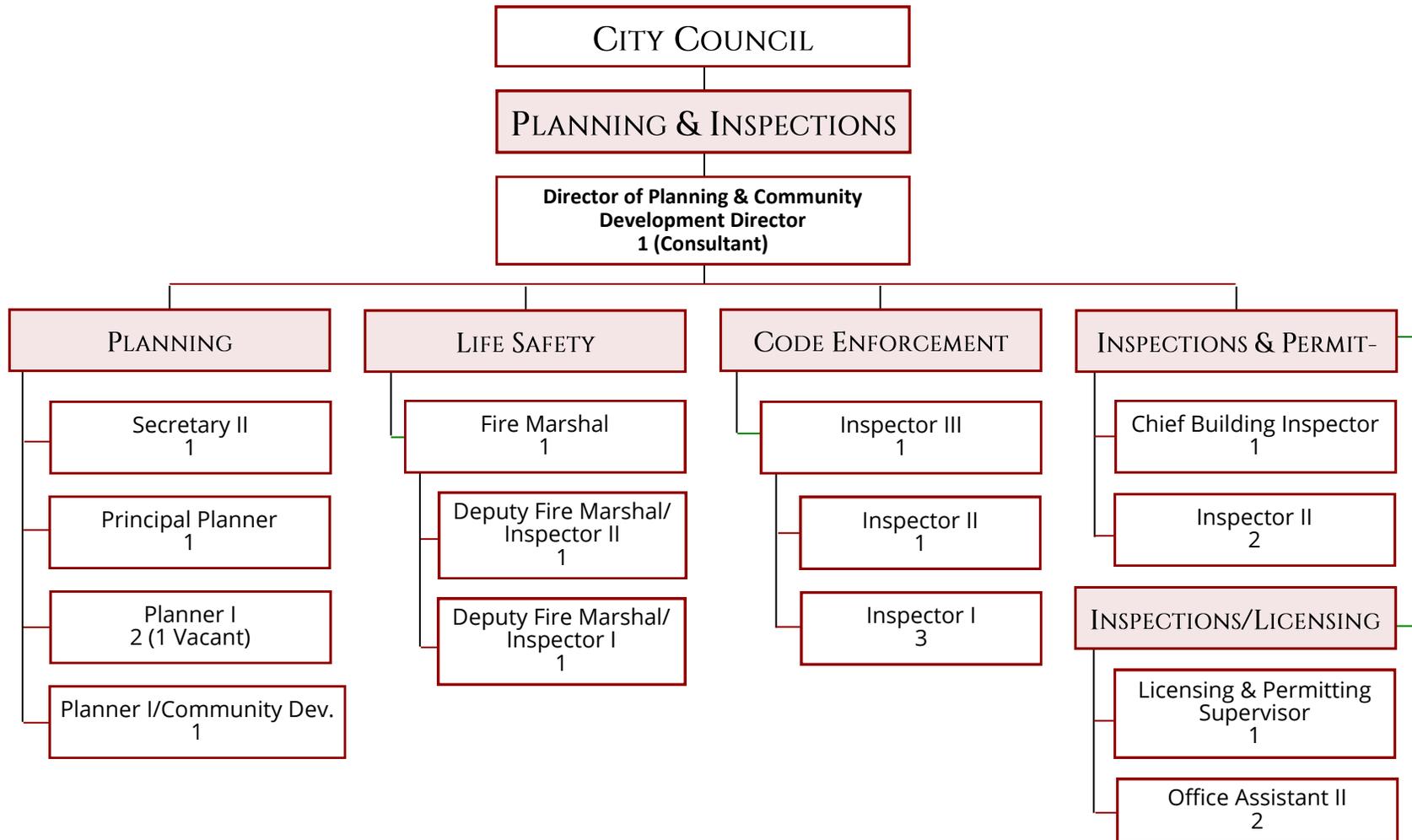
TAX ASSESSOR
110-1300-513

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 125,250	\$ 119,460	\$ 131,468	\$ 132,200	\$ 135,400	\$ 131,800	0%
10-14	FICA TAXES	9,341	8,774	9,340	10,100	10,300	10,100	0%
10-15	HEALTH INSURANCE	17,182	19,826	31,736	34,100	34,100	21,300	-38%
10-16	L I D INSURANCE	972	808	804	800	800	800	0%
10-17	WORKERS COMPENSATION	422	411	574	700	700	800	14%
10-18	EDUCATIONAL ASSISTANCE	-	-	3,231	-	-	-	0%
10-19	PENSION	21,126	19,593	20,541	27,200	27,200	27,800	2%
10-20	OPEB	13,441	13,864	15,336	12,800	12,800	18,100	41%
	PERSONNEL COSTS	187,735	182,735	213,029	217,900	221,300	210,700	-3%
20-22	OFFICE SUPPLIES	3,473	2,263	2,678	2,300	2,600	2,300	0%
20-23	PRINTING AND DUPLICATING	76	9,828	81	200	200	200	0%
20-37	COMPUTER SOFTWARE	-	50	50	-	-	-	0%
20-38	COMPUTER HARDWARE	2,466	-	-	-	-	900	0%
	MATERIALS & SUPPLIES	6,014	12,252	2,808	2,500	2,800	3,400	36%
30-21	TELEPHONE/FAX	1,098	1,132	1,147	1,300	1,300	1,300	0%
30-25	ADVERTISEMENT	615	985	763	1,000	1,000	1,000	0%
30-27	SUBSCRIPTIONS AND DUES	875	905	1,097	800	800	900	13%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,242	1,896	4,780	7,500	7,500	7,500	0%
30-31	CONTRACTUAL SERVICES	9,210	102,760	13,265	12,400	12,200	13,100	6%
30-62	GASOLINE	1,607	775	476	600	500	600	0%
	ADMINISTRATIVE EXPENDITURES	15,646	108,453	21,527	23,600	23,300	24,400	3%
	OPERATING EXPENDITURES	209,395	303,439	237,364	244,000	247,400	238,500	-2%
40-22	AUTOMOBILE/PURCHASE	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	-	-	-	-	-	-	0%
	TOTAL EXPENDITURES	\$ 209,395	\$ 303,439	\$ 237,364	\$ 244,000	\$ 247,400	\$ 238,500	-2%
	REVENUES							
	GENERAL FUND	\$ 209,395	\$ 303,439	\$ 237,364	\$ 244,000	\$ 247,400	\$ 238,500	
	GOV. CAPITAL PROJECT FUND	-	-	-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

FY 2018 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

PLANNING & INSPECTIONS

FISCAL YEAR 2018 ORGANIZATIONAL CHART



PLANNING
110-1600-533

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 299,850	\$ 330,438	\$ 362,343	\$ 380,300	\$ 385,900	\$ 382,200	0%
10-12	OVERTIME	377	282	856	1,000	1,000	1,000	0%
10-13	TEMPORARY HELP	13,600	11,475	13,765	15,000	15,000	15,000	0%
10-14	FICA TAXES	23,083	25,085	27,600	30,300	30,700	30,400	0%
10-15	HEALTH INSURANCE	37,741	41,281	52,386	60,200	60,200	64,100	6%
10-16	L I D INSURANCE	1,846	1,900	1,903	2,200	2,200	2,200	0%
10-17	WORKERS COMPENSATION	664	715	2,057	1,200	1,200	1,300	8%
10-19	PENSION	17,039	18,529	20,632	22,000	22,000	21,600	-2%
10-20	OPEB	31,408	38,150	41,745	36,900	36,900	52,400	42%
10-21	COSTS ALLOCATED TO CDBG	(40,364)	(45,973)	(39,938)	(36,000)	(36,000)	(36,000)	0%
	PERSONNEL COSTS	385,245	421,882	483,348	513,100	519,100	534,200	4%
20-22	OFFICE SUPPLIES	4,133	3,815	4,662	4,000	4,000	4,000	0%
20-23	PRINTING AND DUPLICATING	9,855	8,654	8,128	6,000	6,000	6,000	0%
20-31	BOOKS	717	616	737	700	700	700	0%
20-37	COMPUTER SOFTWARE	-	-	1,480	-	-	-	0%
20-38	COMPUTER HARDWARE	5,591	-	-	2,600	2,600	1,600	-38%
	MATERIALS & SUPPLIES	20,297	13,086	15,007	13,300	13,300	12,300	-8%
30-21	TELEPHONE/FAX	943	998	1,455	1,300	1,300	1,700	31%
30-25	ADVERTISEMENT	1,759	2,220	2,063	2,000	2,000	2,000	0%
30-27	SUBSCRIPTIONS AND DUES	2,055	2,065	4,030	2,900	2,900	1,900	-34%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,482	6,280	4,254	4,200	4,200	1,300	-69%
30-31	CONTRACTUAL SERVICES	10,305	3,870	6,147	10,000	10,000	10,000	0%
	ADMINISTRATIVE EXPENDITURES	16,544	15,432	17,949	20,400	20,400	16,900	-17%
	OPERATING EXPENDITURES	422,085	450,400	516,303	546,800	552,800	563,400	3%
40-23	TRUCKS-PURCHASE	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	-	-	-	-	-	-	0%
	TOTAL EXPENDITURES	\$ 422,085	\$ 450,400	\$ 516,303	\$ 546,800	\$ 552,800	\$ 563,400	3%
	REVENUES							
	GENERAL FUND	\$ 381,722	\$ 404,427	\$ 476,366	\$ 510,800	\$ 516,800	\$ 563,400	
	CDBG GRANT	40,364	45,973	39,938	36,000	36,000	36,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.5	5.0	6.0	6.0	6.0	6.0	
	PP/TEMP/COMMITTEES	14.0	14.0	14.0	14.0	14.0	14.0	

LIFE SAFETY
110-1600-531

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 159,634	\$ 168,537	\$ 144,478	\$ 158,800	\$ 160,000	\$ 149,800	-6%
10-12	OVERTIME	9,523	8,683	8,308	8,000	8,000	8,000	0%
10-14	FICA TAXES	12,590	13,265	11,274	12,800	12,900	12,100	-5%
10-15	HEALTH INSURANCE	20,314	18,636	22,610	25,700	25,700	31,700	23%
10-16	L I D INSURANCE	851	767	766	800	800	1,000	25%
10-17	WORKERS COMPENSATION	685	719	734	1,000	1,000	1,100	10%
10-19	PENSION	31,856	8,429	8,779	9,900	9,900	11,600	17%
10-20	OPEB	15,730	15,422	15,465	14,600	14,600	19,200	32%
	PERSONNEL COSTS	251,183	234,458	212,415	231,600	232,900	234,500	1%
20-26	PROGRAM EXPENSES/SUPPLIES	-	14,053	1,425	-	-	1,500	0%
20-29	UNIFORMS/UNIFORM ALLOW	912	450	92	300	300	300	0%
20-31	BOOKS	-	-	-	-	-	600	0%
20-32	SECURITY/SAFETY MATERIALS	685	1,358	36	-	-	7,900	0%
20-37	COMPUTER SOFTWARE	-	-	770	-	-	-	0%
20-38	COMPUTER HARDWARE	-	2,033	2,489	-	-	-	0%
	MATERIALS & SUPPLIES	1,648	17,895	4,811	300	300	10,300	3333%
30-21	TELEPHONE/FAX	2,546	1,871	1,895	1,900	1,900	2,100	11%
30-27	SUBSCRIPTIONS AND DUES	1,296	1,166	1,421	1,300	1,300	1,900	46%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,648	391	3,718	1,500	1,500	2,200	47%
30-31	CONTRACTUAL SERVICES	253,900	244,463	263,791	245,000	245,000	245,000	0%
30-62	GASOLINE	5,655	3,959	2,745	3,000	3,000	3,000	0%
30-63	AUTO REPAIRS/MAINTENANCE	-	-	-	-	1,700	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	-	639	606	600	600	600	0%
	ADMINISTRATIVE EXPENDITURES	267,044	252,488	274,176	253,300	255,000	254,800	1%
	OPERATING EXPENDITURES	519,875	504,840	491,402	485,200	488,200	499,600	3%
40-22	AUTOMOBILE/PURCHASE	-	-	56,411	29,500	29,500	-	-100%
	CAPITAL OUTLAY	-	-	56,411	29,500	29,500	-	-100%
	TOTAL EXPENDITURES	\$ 519,875	\$ 504,840	\$ 547,813	\$ 514,700	\$ 517,700	\$ 499,600	-3%
	REVENUES							
	GENERAL FUND	\$ 519,875	\$ 504,840	\$ 491,402	\$ 485,200	\$ 488,200	\$ 499,600	
	GOV. CAPITAL PROJECT FUND	-	-	56,411	29,500	29,500	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

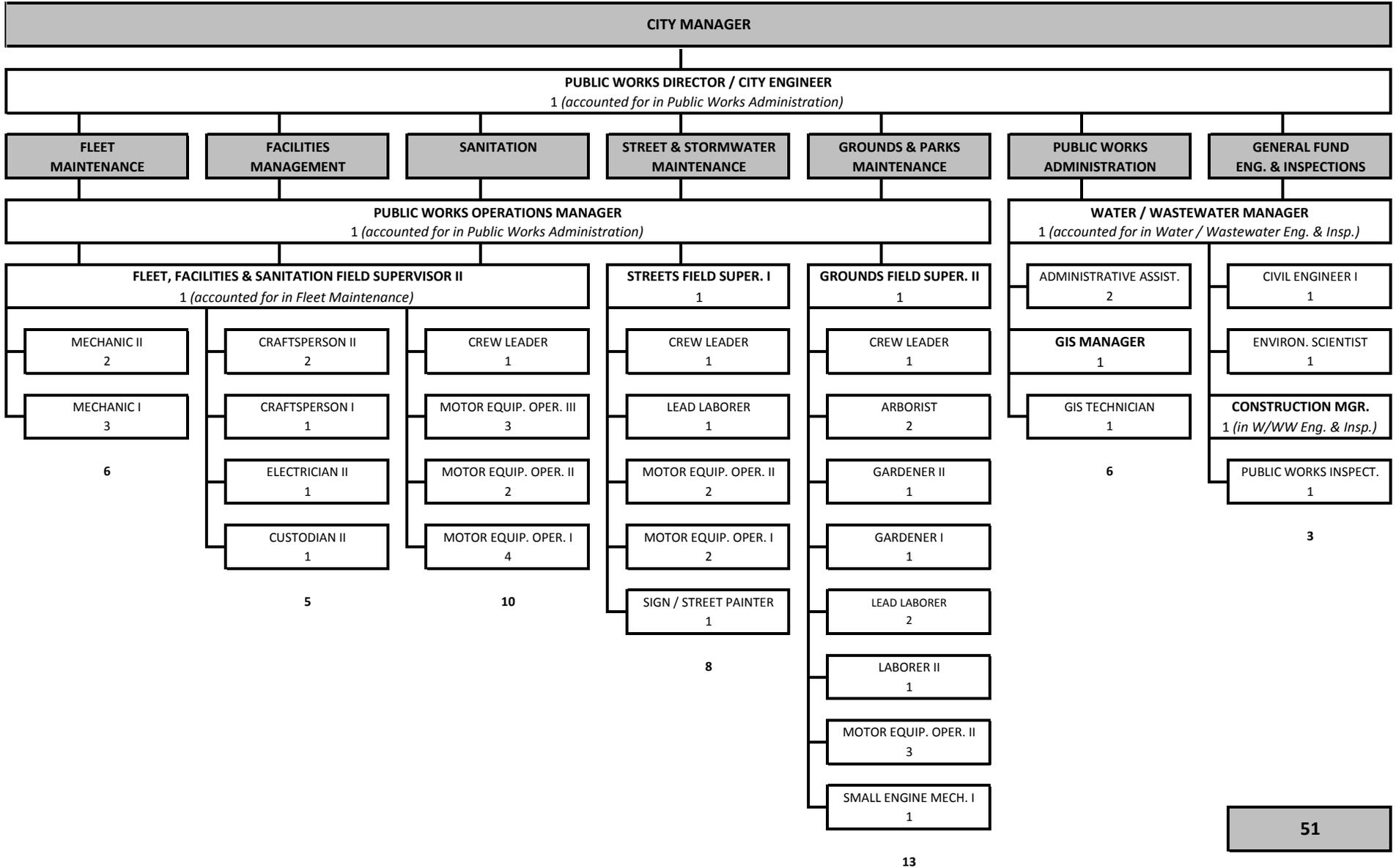
CODE ENFORCEMENT
110-1600-532

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 230,998	\$ 199,755	\$ 211,054	\$ 222,700	\$ 223,800	\$ 230,200	3%
10-12	OVERTIME	1,179	1,891	2,063	2,500	2,500	2,500	0%
10-13	TEMPORARY HELP	1,375	9,557	6,685	-	-	-	0%
10-14	FICA TAXES	17,257	15,385	16,012	17,200	17,300	17,800	3%
10-15	HEALTH INSURANCE	38,525	43,731	51,446	55,700	55,700	59,600	7%
10-16	L I D INSURANCE	1,207	1,158	1,160	1,200	1,200	1,300	8%
10-17	WORKERS COMPENSATION	944	839	1,038	1,300	1,300	1,600	23%
10-18	EDUCATIONAL ASSISTANCE	-	-	5,472	-	4,500	-	0%
10-19	PENSION	68,495	62,830	56,972	74,100	74,100	77,900	5%
10-20	OPEB	22,545	23,581	24,272	21,600	21,600	31,400	45%
	PERSONNEL COSTS	382,526	358,727	376,176	396,300	402,000	422,300	7%
20-26	PROGRAM EXPENSES/SUPPLIES	16,755	17,985	13,345	18,000	16,300	18,000	0%
20-29	UNIFORMS/UNIFORM ALLOW	1,380	1,216	272	300	300	300	0%
20-32	SECURITY/SAFETY MATERIALS	789	1,879	29	-	-	2,300	0%
20-38	COMPUTER HARDWARE	3,055	5,236	-	-	-	-	0%
	MATERIALS & SUPPLIES	22,358	26,493	13,645	18,300	16,600	20,600	13%
30-21	TELEPHONE/FAX	1,953	1,829	1,807	700	700	2,100	200%
30-27	SUBSCRIPTIONS AND DUES	165	165	15	200	200	200	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	610	1,020	785	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	-	1,174	1,541	1,600	1,600	1,000	-38%
30-62	GASOLINE	5,219	3,453	2,128	3,000	3,000	2,500	-17%
	ADMINISTRATIVE EXPENDITURES	7,947	7,640	6,276	6,500	6,500	6,800	5%
	OPERATING EXPENDITURES	412,830	392,859	396,097	421,100	425,100	449,700	7%
40-22	AUTOMOBILES- PURCHASE	30,840	-	-	-	-	-	0%
	CAPITAL OUTLAY	30,840	-	-	-	-	-	0%
	TOTAL EXPENDITURES	\$ 443,670	\$ 392,859	\$ 396,097	\$ 421,100	\$ 425,100	\$ 449,700	7%
	REVENUES							
	GENERAL FUND	\$ 412,830	\$ 392,859	\$ 396,097	\$ 421,100	\$ 425,100	\$ 449,700	
	GOV. CAPITAL PROJECT FUND			-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	5.0	5.0	5.0	5.0	5.0	

INSPECTIONS
110-1600-534

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 248,150	\$ 264,356	\$ 266,005	\$ 277,500	\$ 280,400	\$ 282,600	2%
10-12	OVERTIME	1,840	2,084	3,722	2,000	2,000	2,000	0%
10-14	FICA TAXES	18,235	19,344	19,578	21,400	21,600	21,800	2%
10-15	HEALTH INSURANCE	53,663	56,231	59,655	69,900	69,900	71,000	2%
10-16	L I D INSURANCE	1,354	1,351	1,238	1,200	1,200	1,400	17%
10-17	WORKERS COMPENSATION	845	896	1,155	1,400	1,400	1,600	14%
10-19	PENSION	70,321	69,660	72,615	103,300	103,300	107,600	4%
10-20	OPEB	26,219	30,544	30,760	26,900	26,900	38,700	44%
	PERSONNEL COSTS	420,625	444,465	454,728	503,600	506,700	526,700	5%
20-26	PROGRAM EXPENSES/SUPPLIES	-	-	10	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	530	512	224	200	200	200	0%
20-31	BOOKS	1,869	494	338	2,000	2,000	1,100	-45%
20-38	COMPUTER HARDWARE	3,443	-	3,487	-	-	900	0%
	MATERIALS & SUPPLIES	6,242	1,006	4,059	2,200	2,200	2,200	0%
30-21	TELEPHONE/FAX	3,076	2,962	2,899	3,000	3,000	3,000	0%
30-27	SUBSCRIPTIONS AND DUES	380	668	575	600	600	600	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	903	704	1,034	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	3,993	4,528	6,249	6,000	6,000	6,000	0%
30-33	DEMOLITION EXPENSES	216,980	120,005	250,683	175,000	175,000	175,000	0%
30-61	OFF EPUIP/REPAIRS & MAINT	3,014	2,356	2,885	3,000	3,000	2,900	-3%
30-62	GASOLINE	5,366	4,785	3,550	3,500	3,500	3,600	3%
	ADMINISTRATIVE EXPENDITURES	233,713	136,009	267,874	192,100	192,100	192,100	0%
	OPERATING EXPENSES	660,580	581,480	726,661	697,900	701,000	721,000	3%
40-22	AUTOMOBILES- PURCHASE	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	-	-	-	-	-	-	0%
	TOTAL EXPENDITURES	\$ 660,580	\$ 581,480	\$ 726,661	\$ 697,900	\$ 701,000	\$ 721,000	3%
	REVENUES							
	GENERAL FUND	\$ 660,580	\$ 581,480	\$ 726,661	\$ 697,900	\$ 701,000	\$ 721,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	7.0	6.0	6.0	6.0	6.0	6.0	

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE



PUBLIC WORKS - ADMINISTRATION
110-2400-551

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2015-2016 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 298,489	\$ 303,856	\$ 307,353	\$ 371,000	\$ 373,100	\$ 378,800	2%
10-14	FICA TAXES	22,057	22,384	22,509	28,400	28,600	29,000	2%
10-15	HEALTH INSURANCE	44,652	44,817	55,635	74,500	74,500	74,500	0%
10-16	L I D INSURANCE	1,949	1,817	1,701	2,000	2,000	2,100	5%
10-17	WORKERS COMPENSATION	793	849	1,137	1,200	1,200	1,200	0%
10-19	PENSION	15,565	100,039	103,990	148,600	148,600	152,700	3%
10-20	OPEB	28,805	34,470	35,776	35,900	35,900	51,800	44%
	PERSONNEL COSTS	412,311	508,231	528,100	661,600	663,900	690,100	4%
20-21	FURNITURE/FIXTURES	-	-	-	-	-	200	0%
20-22	OFFICE SUPPLIES	3,492	3,060	3,526	3,500	3,500	3,500	0%
20-23	PRINTING AND DUPLICATING	2,819	1,928	3,001	3,000	3,000	3,000	0%
20-37	COMPUTER SOFTWARE	-	150	150	400	400	-	-100%
20-38	COMPUTER HARDWARE	50	2,845	4,293	-	-	2,700	0%
	MATERIALS & SUPPLIES	6,361	8,131	10,970	6,900	6,900	9,400	36%
30-21	TELEPHONE/FAX	2,565	1,976	2,116	1,900	1,900	2,000	5%
30-27	SUBSCRIPTIONS AND DUES	240	955	840	4,400	4,400	4,600	5%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,149	2,217	4,266	4,000	4,000	3,500	-13%
30-31	CONTRACTUAL SERVICES	6,979	-	5,080	-	-	7,000	0%
30-62	GASOLINE	412	786	778	500	500	1,000	100%
30-67	RADIO REPAIRS/MAINTENANCE	408	639	664	700	700	700	0%
	ADMINISTRATIVE EXPENDITURES	13,754	6,573	13,744	11,500	11,500	18,800	63%
	OPERATING EXPENDITURES	432,425	522,935	552,815	680,000	682,300	718,300	6%
	TOTAL EXPENDITURES	\$ 432,425	\$ 522,935	\$ 552,815	\$ 680,000	\$ 682,300	\$ 718,300	6%
	REVENUES							
	GENERAL FUND	\$ 432,425	\$ 522,935	\$ 552,815	\$ 680,000	\$ 682,300	\$ 718,300	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	5.0	6.0	6.0	6.0	6.0	

PUBLIC WORKS ENGINEERING
110/147-2600-553

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ -	\$ 16,344	\$ 114,807	\$132,800	\$ 132,800	\$153,300	15%
10-12	OVERTIME	-	-	-	500	500	500	0%
10-14	FICA TAXES	-	1,211	8,336	10,200	10,200	11,800	16%
10-15	HEALTH INSURANCE	-	2,216	18,191	38,900	38,900	59,400	53%
10-16	L I D INSURANCE	-	121	497	900	900	1,200	33%
10-17	WORKERS COMPENSATION	-	67	1,056	400	400	500	25%
10-19	PENSION	-	792	5,843	7,100	7,100	9,100	28%
10-20	OPEB	-	1,720	13,139	12,800	12,800	20,900	63%
	PERSONNEL COSTS	-	22,470	161,870	203,600	203,600	256,700	26%
20-29	UNIFORMS/UNIFORM ALLOW	-	192	182	200	200	200	0%
20-32	SECURITY/SAFETY MATERIALS	-	61	168	200	200	100	-50%
20-33	SMALL TOOLS	-	95	100	100	100	400	300%
20-37	COMPUTER SOFTWARE	-	846	162	400	400	200	-50%
20-38	COMPUTER HARDWARE	-	2,592	1,209	-	-	-	0%
	MATERIALS & SUPPLIES	-	3,785	1,821	900	900	900	0%
30-21	TELEPHONE/FAX	-	189	286	500	500	300	-40%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	90	888	500	500	1,600	220%
30-31	CONTRACTUAL SERVICES	-	-	717	-	-	16,800	0%
30-62	GASOLINE	-	462	995	1,500	1,500	1,400	-7%
	ADMINISTRATIVE EXPENDITURES	-	741	2,887	2,500	2,500	20,100	704%
	OPERATING EXPENDITURES	-	26,996	166,578	207,000	207,000	277,700	34%
	TOTAL EXPENDITURES	\$ -	\$ 26,996	\$ 166,578	\$ 207,000	\$ 207,000	\$ 277,700	34%
	REVENUES							
	GENERAL FUND	\$ -	\$ 26,996	\$ 166,578	\$ 207,000	\$ 207,000	\$ 277,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	-	3.0	3.0	3.0	3.0	3.0	

FACILITIES MANAGEMENT
110-2500-552

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 255,857	\$ 293,454	\$ 252,887	\$ 235,600	\$ 238,600	\$ 242,000	3%
10-12	OVERTIME	14,238	11,771	8,673	6,400	6,400	6,400	0%
10-14	FICA TAXES	20,731	22,140	19,168	18,500	18,700	19,000	3%
10-15	HEALTH INSURANCE	51,644	61,893	50,833	47,500	47,500	47,500	0%
10-16	L I D INSURANCE	1,303	1,533	1,195	1,100	1,100	1,100	0%
10-17	WORKERS COMPENSATION	9,278	10,114	10,610	12,200	12,400	13,700	12%
10-19	PENSION	69,714	78,741	80,655	115,400	115,400	120,900	5%
10-20	OPEB	26,821	34,357	28,103	22,800	22,800	33,100	45%
	PERSONNEL COSTS	460,378	514,003	452,124	459,500	462,900	483,700	5%
20-25	CUSTODIAL	7,453	8,893	8,497	8,500	8,500	8,500	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,429	3,371	1,102	2,300	2,300	2,300	0%
20-32	SECURITY/SAFETY MATERIALS	7,254	109	189	200	200	200	0%
20-33	SMALL TOOLS	427	3,008	2,606	1,500	1,500	1,500	0%
20-38	COMPUTER HARDWARE	-	1,092	326	-	-	-	0%
20-46	CITY BLDG MAINT SUPPLIES	10,675	5,756	5,498	8,000	8,000	6,300	-21%
20-58	WATER/SEWER	1,618	1,309	1,347	1,700	1,700	1,500	-12%
20-61	ELEC MATERIALS/SUPPLIES	2,607	2,158	2,551	2,200	2,200	2,200	0%
	MATERIALS & SUPPLIES	32,462	25,696	22,117	24,400	24,400	22,500	-8%
30-21	TELEPHONE/FAX	1,231	1,235	1,241	1,200	1,200	1,200	0%
30-23	ELECTRICITY	67,537	67,021	62,242	65,000	65,000	60,000	-8%
30-24	HEATING OIL/GAS	1,095	8,379	5,087	6,400	6,400	5,200	-19%
30-27	SUBSCRIPTIONS & DUES	-	-	100	100	100	100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	185	130	200	100	100	100	0%
30-31	CONTRACTUAL SERVICES	66,471	67,191	119,476	47,000	47,000	53,500	14%
30-62	GASOLINE	4,386	4,142	2,908	3,000	3,000	3,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	570	365	332	400	400	400	0%
	ADMINISTRATIVE EXPENDITURES	141,475	148,463	191,586	123,200	123,200	123,500	0%
	OPERATING EXPENDITURES	634,315	688,162	665,827	607,100	610,500	629,700	4%
40-23	TRUCKS-PURCHASE	17,795	-	-	27,700	27,700	25,100	-9%
	CAPITAL OUTLAY	17,795	-	-	27,700	27,700	25,100	-9%
	TOTAL EXPENDITURES	\$ 652,110	\$ 688,162	\$ 665,827	\$ 634,800	\$ 638,200	\$ 654,800	3%
	REVENUES							
	GENERAL FUND	\$ 634,315	\$ 688,162	\$ 665,827	\$ 607,100	\$ 610,500	\$ 629,700	
	GOV. CAPITAL PROJECT FUND	(75,205)	-	-	27,700	27,700	25,100	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	9.0	7.0	7.0	5.0	5.0	5.0	

FLEET MAINTENANCE
110-2800-572

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 269,081	\$ 271,621	\$ 264,173	\$ 283,400	\$ 284,500	\$ 292,400	3%
10-12	OVERTIME	10,451	6,302	6,582	6,700	6,700	6,700	0%
10-14	FICA	20,298	20,430	19,778	22,200	22,300	22,900	3%
10-15	HEALTH INSURANCE	64,275	54,157	57,240	65,000	65,000	65,000	0%
10-16	LID	1,367	1,339	1,387	1,500	1,500	1,600	7%
10-17	WORKERS COMPENSATION	9,233	9,203	11,036	14,500	14,600	16,400	13%
10-19	PENSION	66,730	51,801	48,123	45,700	45,700	51,500	13%
10-20	OPEB	27,783	29,247	30,636	27,200	27,200	39,600	46%
	PERSONNEL COSTS	469,219	444,099	438,955	466,200	467,500	496,100	6%
20-26	PROGRAM EXPENSES/SUPPLIES	287,716	322,924	320,259	275,000	275,000	325,000	18%
20-29	UNIFORMS/UNIFORM ALLOW	1,312	1,174	1,083	1,400	1,400	1,200	-14%
20-31	BOOKS	599	489	-	600	600	600	0%
20-32	SECURITY/SAFETY MATERIALS	1,094	227	253	400	400	300	-25%
20-33	SMALL TOOLS	1,658	1,491	16,798	15,000	15,000	2,500	-83%
20-37	COMPUTER SOFTWARE	5,781	4,921	5,604	5,100	5,100	2,800	-45%
20-38	COMPUTER HARDWARE	-	1,199	-	1,100	1,100	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	7,986	5,312	5,491	5,500	5,500	5,500	0%
	MATERIALS & SUPPLIES	306,247	337,737	349,488	304,100	304,100	337,900	11%
30-21	TELEPHONE/FAX	649	663	614	1,100	1,100	800	-27%
30-28	TRAINING/CONF/FOOD/TRAVEL	346	913	774	2,000	2,000	1,000	-50%
30-31	CONTRACTUAL SERVICES	24	-	40	500	500	100	-80%
30-43	ENVIRONMENTAL EXPENSES	200	200	200	200	200	200	0%
30-62	GASOLINE	2,909	2,516	1,594	1,800	1,800	1,800	0%
30-67	RADIO REPAIRS/MAINTENANCE	491	371	249	400	400	300	-25%
	ADMINISTRATIVE EXPENDITURES	4,619	4,663	3,470	6,000	6,000	4,200	-30%
	OPERATING EXPENDITURES	780,084	786,500	791,913	776,300	777,600	838,200	8%
40-23	TRUCKS - PURCHASE	-	-	84,234	31,000	31,000	-	-100%
	CAPITAL OUTLAY	-	-	84,234	31,000	31,000	-	-100%
	TOTAL EXPENDITURES	\$ 780,084	\$ 786,500	\$ 876,147	\$ 807,300	\$ 808,600	\$ 838,200	4%
	REVENUES							
	GENERAL FUND	\$ 780,084	\$ 786,500	\$ 791,913	\$ 776,300	\$ 777,600	\$ 838,200	
	GOV. CAPITAL PROJECT FUND		-	84,234	31,000	31,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0	6.0	

GROUNDS
110-1500-522

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 443,450	\$ 389,631	\$ 428,650	\$ 495,400	\$ 468,300	\$ 488,000	-1%
10-12	OVERTIME	15,057	12,002	12,687	12,200	12,200	10,000	-18%
10-14	FICA TAXES	34,204	29,366	31,944	38,800	38,800	38,100	-2%
10-15	HEALTH INSURANCE	79,607	90,268	117,830	165,000	165,000	141,700	-14%
10-16	L I D INSURANCE	2,135	2,006	2,232	2,800	2,800	2,800	0%
10-17	WORKERS COMPENSATION	15,134	13,303	18,022	25,500	25,500	27,500	8%
10-19	PENSION	183,267	138,898	126,278	165,900	165,900	132,100	-20%
10-20	OPEB	40,196	45,042	47,968	47,800	47,800	66,600	39%
	PERSONNEL COSTS	813,049	720,515	785,610	953,400	926,300	906,800	-5%
20-25	CUSTODIAL	285	199	12	300	300	200	-33%
20-26	PROGRAM EXPENSES/SUPPLIES	32,194	35,906	36,270	41,000	40,700	35,000	-15%
20-29	UNIFORMS/UNIFORM ALLOW	2,245	2,705	2,200	3,400	3,400	2,800	-18%
20-32	SECURITY/SAFETY MATERIALS	2,634	1,527	848	1,600	1,600	1,600	0%
20-33	SMALL TOOLS	3,135	2,159	2,433	3,000	3,000	3,000	0%
20-38	COMPUTER HARDWARE	-	-	197	-	300	-	0%
20-44	SAND AND SALT	353	1,080	-	400	400	400	0%
20-46	CITY BLDG MAINT SUPPLIES	35	498	328	500	500	500	0%
20-58	WATER/SEWER	1,854	2,456	2,297	3,000	3,000	2,400	-20%
	MATERIALS & SUPPLIES	42,736	46,530	44,586	53,200	53,200	45,900	-14%
30-21	TELEPHONE/FAX	471	471	822	1,100	1,100	900	-18%
30-23	ELECTRICITY	2,078	2,229	3,650	4,000	4,000	4,000	0%
30-24	HEATING OIL/GAS	6,093	6,691	3,204	6,000	6,000	3,200	-47%
30-27	SUBSCRIPTIONS AND DUES	260	416	272	500	500	700	40%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,121	1,711	1,872	1,600	1,600	1,600	0%
30-31	CONTRACTUAL SERVICES	96,425	104,763	151,422	112,800	139,900	112,800	0%
30-43	ENVIRONMENTAL EXPENSES	3,335	3,585	3,585	3,700	3,700	4,100	11%
30-44	AGENCY BILLING-TEMP HELP	22,040	26,794	33,280	31,000	31,000	31,000	0%
30-62	GASOLINE	29,384	23,626	15,336	18,000	18,000	18,000	0%
30-65	MAINT EQUIP REPAIRS/MAINT	12,163	13,641	12,220	15,000	15,000	12,000	-20%
30-67	RADIO REPAIRS/MAINTENANCE	1,979	1,186	996	1,000	1,000	1,000	0%
	ADMINISTRATIVE EXPENDITURES	175,349	185,113	226,658	194,700	221,800	189,300	-3%
	OPERATING EXPENSES	1,031,134	952,159	1,056,855	1,201,300	1,201,300	1,142,000	-5%
40-23	TRUCKS - PURCHASE	-	65,947	-	31,200	126,800	-	-100%
40-24	MAINT EQUIP - PURCHASE	30,249	-	68,352	27,000	27,000	62,500	131%
	CAPITAL OUTLAY	30,249	65,947	68,352	58,200	153,800	62,500	7%
	TOTAL EXPENDITURES	\$ 1,061,383	\$ 1,018,106	\$ 1,125,207	\$ 1,259,500	\$ 1,355,100	\$ 1,204,500	-4%
	REVENUES							
	GENERAL FUND	\$ 1,031,134	\$ 952,159	\$ 1,056,855	\$ 1,201,300	\$ 1,201,300	\$ 1,142,000	
	GOV. CAPITAL PROJECT FUND	30,249	65,947	68,352	58,200	153,800	62,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0	13.0	

**SANITATION
110-1800-555**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 394,767	\$ 409,168	\$ 371,659	\$ 382,100	\$ 385,300	\$ 394,800	3%
10-12	OVERTIME	26,215	17,988	17,945	17,500	17,500	17,500	0%
10-14	FICA TAXES	31,054	31,619	28,526	30,500	30,700	31,500	3%
10-15	HEALTH INSURANCE	82,708	87,235	86,550	111,000	111,000	106,500	-4%
10-16	L I D INSURANCE	2,062	2,206	1,822	1,700	1,700	2,000	18%
10-17	WORKERS COMPENSATION	13,913	14,156	15,872	20,100	20,300	22,800	13%
10-19	PENSION	121,754	124,738	101,240	133,100	133,100	142,300	7%
10-20	OPEB	41,110	48,295	41,211	36,900	36,900	53,900	46%
	PERSONNEL COSTS	713,584	735,405	664,826	732,900	736,500	771,300	5%
20-26	PROGRAM EXPENSES/SUPPLIES	20,586	29,843	23,664	20,000	25,000	30,000	50%
20-29	UNIFORMS/UNIFORM ALLOW	2,272	2,431	1,804	2,900	2,900	2,000	-31%
20-32	SECURITY/SAFETY MATERIALS	2,496	910	929	1,000	1,000	1,000	0%
20-33	SMALL TOOLS	287	181	330	300	300	300	0%
20-38	COMPUTER HARDWARE	-	-	197	-	-	-	0%
20-46	CITY BLDG MAINT SUPPLIES	1,612	661	498	500	500	500	0%
	MATERIALS & SUPPLIES	27,253	34,027	27,423	24,700	29,700	33,800	37%
30-21	TELEPHONE/FAX	571	508	422	300	300	500	67%
30-25	ADVERTISEMENT	673	673	710	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	610	1,975	427	100	100	100	0%
30-31	CONTRACTUAL SERVICES	1,252,670	1,278,757	1,278,818	1,157,800	1,152,800	1,649,100	42%
30-43	ENVIRONMENTAL EXPENSES	1,951	1,607	1,445	5,000	5,000	2,000	-60%
30-44	AGENCY BILLING-TEMP HELP	38,506	40,145	64,163	35,000	35,000	35,000	0%
30-62	GASOLINE	120,599	91,119	53,481	75,000	75,000	70,000	-7%
30-67	RADIO REPAIRS/MAINTENANCE	1,666	1,193	1,328	1,300	1,300	1,400	8%
	ADMINISTRATIVE EXPENDITURES	1,415,391	1,415,977	1,400,794	1,275,200	1,270,200	1,758,800	38%
	OPERATING EXPENSES	2,156,228	2,185,408	2,093,043	2,032,800	2,036,400	2,563,900	26%
40-23	TRUCKS - PURCHASE	387,504	247,858	402,484	261,500	261,500	-	-100%
	CAPITAL OUTLAY	387,504	247,858	402,484	261,500	261,500	-	-100%
	TOTAL EXPENDITURES	\$ 2,543,731	\$ 2,433,267	\$ 2,495,527	\$ 2,294,300	\$ 2,297,900	\$ 2,563,900	12%
	REVENUES							
	GENERAL FUND	\$ 2,156,228	\$ 2,185,408	\$ 2,093,043	\$ 2,032,800	\$ 2,036,400	\$ 2,563,900	
	GOV. CAPITAL PROJECT FUND	387,504	247,858	402,484	261,500	261,500	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	11.0	11.0	10.0	10.0	10.0	10.0	

STREET
110-1800-554

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 241,483	\$ 221,369	\$ 256,296	\$ 308,500	\$ 310,800	\$ 326,100	6%
10-12	OVERTIME	10,867	7,574	7,457	7,900	7,900	7,900	0%
10-14	FICA TAXES	18,354	16,404	18,776	24,200	24,400	25,500	5%
10-15	HEALTH INSURANCE	64,580	65,653	80,748	118,700	118,700	126,500	7%
10-16	L I D INSURANCE	1,329	1,267	1,402	1,800	1,800	1,800	0%
10-17	WORKERS COMPENSATION	8,013	7,578	10,752	15,900	16,000	18,400	16%
10-19	PENSION	70,123	52,677	47,390	82,200	82,200	106,900	30%
10-20	OPEB	24,877	25,908	29,641	29,800	29,800	44,400	49%
	PERSONNEL COSTS	440,197	398,432	452,462	589,000	591,600	657,500	12%
20-26	PROGRAM EXPENSES/SUPPLIES	23,701	858	56,683	186,900	194,600	139,700	-25%
20-29	UNIFORMS/UNIFORM ALLOW	2,080	1,634	1,473	2,000	2,000	1,900	-5%
20-32	SECURITY/SAFETY MATERIALS	2,252	1,117	1,131	1,500	1,500	1,100	-27%
20-33	SMALL TOOLS	2,810	2,341	1,894	2,500	2,500	7,500	200%
20-38	COMPUTER HARDWARE	-	-	197	1,100	1,100	-	-100%
20-41	STREET REPAIRING MATERIAL	9,385	11,631	9,196	10,000	10,000	10,000	0%
20-42	STREET CLEANING SUPPLIES	1,887	2,357	2,850	3,000	3,000	3,000	0%
20-43	STREET SIGNS/MARKING	15,367	17,323	14,648	16,000	16,000	14,600	-9%
20-44	SAND AND SALT	23,484	20,559	9,667	13,800	13,800	12,500	-9%
20-46	CITY BLDG MAINT SUPPLIES	279	50	173	200	200	200	0%
20-62	STORM SEWER SUPPLIES	2,910	8,373	5,841	10,000	10,000	7,500	-25%
	MATERIALS & SUPPLIES	96,017	66,299	103,752	247,000	254,700	198,000	-20%
30-21	TELEPHONE/FAX	451	518	1,021	800	800	1,000	25%
30-25	ADVERTISEMENT	495	670	1,449	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,327	680	482	100	100	200	100%
30-29	CONSULTING FEES	-	-	765	1,500	2,800	1,000	-33%
30-31	CONTRACTUAL SERVICES	31,450	16,585	580	264,900	255,900	204,500	-23%
30-43	ENVIRONMENTAL EXPENSES	-	1,939	1,718	2,000	2,000	2,000	0%
30-44	AGENCY BILLING-TEMP HELP	13,867	16,951	19,598	15,000	15,000	20,000	33%
30-62	GASOLINE	52,640	39,391	26,672	38,000	38,000	30,000	-21%
30-65	MAINT EPUIP REPAIRS/MAINT	1,740	1,000	4,932	3,000	3,000	3,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	1,985	1,369	1,577	1,500	1,500	1,500	0%
30-99	SNOW EMERGENCY	-	-	52,564	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	104,953	79,101	111,359	327,500	319,800	263,900	-19%
	OPERATING EXPENDITURES	641,167	543,832	667,574	1,163,500	1,166,100	1,119,400	-4%
40-23	TRUCKS - PURCHASE	138,789	170,086	-	-	46,000	-	0%
40-25	OTHER EQUIPMENT PURCHASE	38,300	130,808	-	-	-	-	0%
40-31	CONSTRUCTION - PURCHASE	1,272,104	3,296,269	2,918,713	1,026,000	1,796,600	1,070,000	4%
	CAPITAL OUTLAY	1,449,193	3,597,163	2,918,713	1,026,000	1,842,600	1,070,000	4%
	TOTAL EXPENDITURES	\$ 2,090,359	\$ 4,140,995	\$ 3,586,286	\$ 2,189,500	\$ 3,008,700	\$ 2,189,400	0%
	REVENUES							
	GENERAL FUND	\$ 641,167	\$ 543,832	\$ 667,574	\$ 1,163,500	\$ 1,166,100	\$ 1,119,400	
	GOV. CAPITAL PROJECT FUND	1,449,193	3,597,163	2,918,713	1,026,000	1,842,600	1,070,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	8.0	8.0	8.0	8.0	8.0	8.0	



PUBLIC UTILITIES



PUBLIC WORKS WATER/WASTEWATER

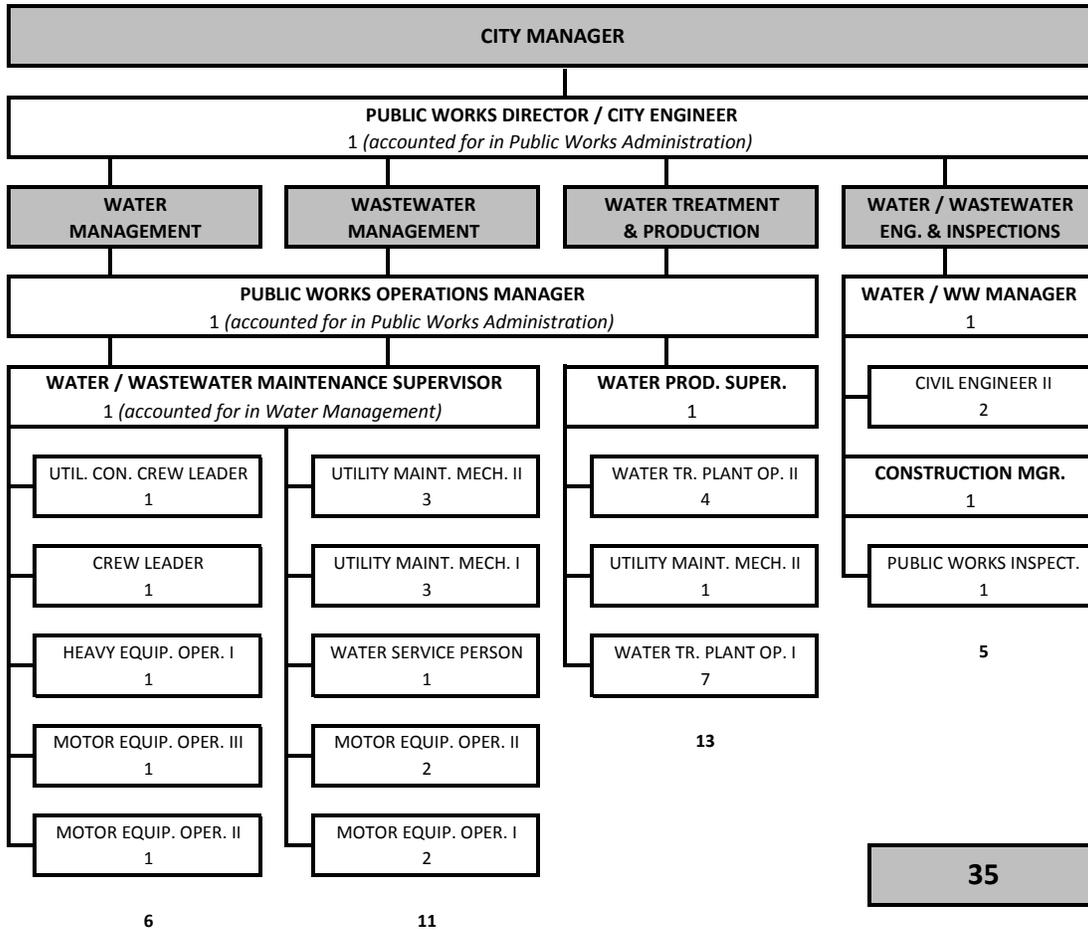
ELECTRIC



WATER/WASTEWATER
FUND



FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE



WATER/WASTEWATER ENGINEERING
412/417-2600-553

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 243,209	\$ 285,409	\$ 310,405	\$ 311,800	\$ 316,800	\$ 320,000	3%
10-12	OVERTIME	927	943	-	1,000	1,000	500	-50%
10-14	FICA TAXES	18,781	21,158	23,003	23,900	24,300	24,500	3%
10-15	HEALTH INSURANCE	39,707	42,421	48,506	52,000	52,000	46,700	-10%
10-16	L I D INSURANCE	1,341	1,468	1,628	1,900	1,900	2,000	5%
10-17	WORKERS COMPENSATION	896	1,003	1,366	1,300	1,300	1,500	15%
10-19	PENSION	67,034	43,909	45,943	49,900	49,900	51,700	4%
10-20	OPEB	16,159	15,163	18,019	11,800	11,800	7,000	-41%
	PERSONNEL COSTS	398,297	411,473	448,870	453,600	459,000	453,900	0%
20-22	OFFICE SUPPLIES	2,522	3,818	3,674	2,700	2,700	2,700	0%
20-29	UNIFORMS/UNIFORM ALLOW	-	300	200	200	200	200	0%
20-31	BOOKS	-	420	48	800	800	500	-38%
20-32	SECURITY/SAFETY MATERIALS	806	244	-	300	300	200	-33%
20-33	SMALL TOOLS	40	56	92	100	100	500	400%
20-37	COMPUTER SOFTWARE	8,116	11,818	9,851	9,800	9,800	9,800	0%
20-38	COMPUTER HARDWARE	-	1,296	197	2,400	2,400	2,700	13%
	MATERIALS & SUPPLIES	11,484	17,952	14,062	16,300	16,300	16,600	2%
30-21	TELEPHONE/FAX	1,342	1,138	1,238	1,700	1,700	1,300	-24%
30-27	SUBSCRIPTIONS AND DUES	1,116	540	570	4,100	4,100	4,100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,398	1,147	1,110	1,100	1,100	7,500	582%
30-31	CONTRACTUAL SERVICES	34,964	30,696	28,584	35,000	35,000	30,000	-14%
30-39	IN-HOUSE TRAINING	2,825	1,575	1,706	1,500	1,500	1,500	0%
30-62	GASOLINE	6,138	3,820	2,849	2,800	2,800	2,500	-11%
30-67	RADIO REPAIRS/MAINTENANCE	408	365	249	400	400	400	0%
	ADMINISTRATIVE EXPENDITURES	49,192	39,281	36,307	46,600	46,600	47,300	2%
	OPERATING EXPENDITURES	458,973	468,706	499,239	516,500	521,900	517,800	0%
40-23	TRUCKS - PURCHASE	-	-	-	30,400	30,400	-	-100%
	CAPITAL OUTLAY	-	-	-	30,400	30,400	-	-100%
	TOTAL EXPENDITURES	\$ 458,973	\$ 468,706	\$ 499,239	\$ 546,900	\$ 552,300	\$ 517,800	-5%
	REVENUES							
	WATER/WASTEWATER FUND	\$ 458,973	\$ 468,706	\$ 499,239	\$ 516,500	\$ 521,900	\$ 517,800	
	WATER/WASTEWATER I & E FUND	-	-	-	30,400	30,400	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	5.0	5.0	5.0	5.0	5.0	

WATER MANAGEMENT
412/417-6800-568

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 187,126	\$ 154,580	\$ 281,445	\$ 289,200	\$ 291,000	\$ 297,200	3%
10-12	OVERTIME	11,755	8,632	13,151	12,000	12,000	12,000	0%
10-14	FICA TAXES	14,772	11,981	21,306	23,000	23,100	23,600	3%
10-15	HEALTH INSURANCE	54,365	39,661	76,661	78,000	78,000	67,700	-13%
10-16	L I D INSURANCE	1,077	894	1,463	1,600	1,600	1,600	0%
10-17	WORKERS COMPENSATION	6,568	5,408	11,990	15,200	15,300	17,100	13%
10-19	PENSION	67,879	46,449	98,158	97,700	97,700	104,800	7%
10-20	OPEB	15,533	12,515	21,829	10,700	10,700	6,400	-40%
	PERSONNEL COSTS	359,076	280,120	526,004	527,400	529,400	530,400	1%
20-28	MEDICAL SUP & PHYSICALS	100	515	175	2,500	2,500	2,500	0%
20-29	UNIFORMS/UNIFORM ALLOW	783	593	1,171	1,400	1,400	1,200	-14%
20-32	SECURITY/SAFETY MATERIALS	970	123	403	1,300	1,300	1,000	-23%
20-33	SMALL TOOLS	6,125	6,220	5,084	5,500	5,500	7,800	42%
20-38	COMPUTER HARDWARE	-	-	99	1,100	1,100	-	-100%
20-51	WATER/SEWER SYSTEM SUP	50,297	65,653	39,963	50,000	50,000	45,000	-10%
20-53	METERS/METER SUPPLIES	9,928	9,427	9,998	10,000	30,000	10,000	0%
20-54	PUMPING STATION SUPPLIES	130	-	215	-	-	-	0%
	MATERIALS & SUPPLIES	68,332	82,531	57,108	71,800	91,800	67,500	-6%
30-21	TELEPHONE/FAX	3,907	4,067	4,320	4,000	4,000	4,000	0%
30-25	ADVERTISEMENT	2,478	2,562	2,684	2,500	2,500	2,500	0%
30-27	SUBSCRIPTIONS AND DUES	2,800	2,901	2,964	2,900	2,900	3,000	3%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,356	2,839	2,683	1,800	1,800	2,800	56%
30-29	CONSULTING FEES	1,683	1,880	-	2,000	2,000	-	-100%
30-31	CONTRACTUAL SERVICES	47,214	8,259	5,092	25,000	25,000	10,000	-60%
30-62	GASOLINE	19,877	15,466	13,670	16,000	16,000	14,000	-13%
30-64	TRUCK REPAIRS/MAINTENANCE	8	(1,668)	3,079	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	349	300	417	1,000	1,000	500	-50%
30-67	RADIO REPAIRS/MAINTENANCE	817	274	855	1,000	1,000	1,000	0%
	ADMINISTRATIVE EXPENDITURES	82,489	36,880	35,764	56,200	56,200	37,800	-33%
	OPERATING EXPENDITURES	509,897	399,530	618,876	655,400	677,400	635,700	-3%
40-23	TRUCKS - PURCHASE	26,780	-	59,832	132,200	178,300	-	-100%
40-24	MAINT EQUIP - PURCHASE	-	-	-	12,800	12,800	156,300	1121%
40-25	OTHER EQUIP - PURCHASE	-	-	-	200,000	200,000	216,100	8%
40-31	CONSTRUCTION - PURCHASE	1,341,979	3,392,546	1,750,655	993,800	3,467,000	1,186,000	19%
40-91	ECON. DEVEL PROJECTS	-	-	-	-	50,000	50,000	0%
	CAPITAL OUTLAY	1,368,759	3,392,546	1,810,487	1,338,800	3,908,100	1,608,400	20%
	TOTAL EXPENDITURES	\$ 1,878,655	\$ 3,792,076	\$ 2,429,363	\$ 1,994,200	\$ 4,585,500	\$ 2,244,100	13%
	REVENUES							
	WATER/WASTEWATER FUND	\$ 509,897	\$ 399,530	\$ 618,876	\$ 655,400	\$ 677,400	\$ 635,700	
	WATER/WASTEWATER I & E FUND	1,368,759	3,392,546	1,810,487	1,338,800	3,908,100	1,608,400	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	4.0	6.0	6.0	6.0	6.0	

WASTEWATER MANAGEMENT
412/417-6900-569

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 293,585	\$ 324,631	\$ 280,222	\$ 396,100	\$ 397,100	\$ 406,700	3%
10-12	OVERTIME	24,351	23,559	14,596	25,000	25,000	25,000	0%
10-14	FICA TAXES	23,281	25,370	20,826	32,200	32,300	33,000	2%
10-15	HEALTH INSURANCE	61,170	72,166	68,910	123,000	123,000	113,000	-8%
10-16	L I D INSURANCE	1,441	1,605	1,434	2,000	2,000	2,200	10%
10-17	WORKERS COMPENSATION	10,501	10,987	11,491	21,200	21,200	23,800	12%
10-19	PENSION	57,039	39,070	37,893	40,300	40,300	56,000	39%
10-20	OPEB	22,987	25,897	21,239	14,600	14,600	8,700	-40%
	PERSONNEL COSTS	494,353	523,286	456,610	654,400	655,500	668,400	2%
20-28	MEDICAL SUP & PHYSICALS	75	-	-	4,200	4,200	4,200	0%
20-29	UNIFORMS/UNIFORM ALLOW	1,827	2,395	2,054	3,000	3,000	2,200	-27%
20-32	SECURITY/SAFETY MATERIALS	2,725	1,630	996	3,600	3,600	2,500	-31%
20-33	SMALL TOOLS	5,083	4,072	4,954	5,000	5,000	6,800	36%
20-35	CHEMICALS & ADDITIVES	2,734	-	1,378	2,000	2,000	1,500	-25%
20-37	COMPUTER SOFTWARE	3,600	3,600	3,600	3,600	3,600	3,600	0%
20-38	COMPUTER HARDWARE	-	-	99	1,100	1,100	600	-45%
20-46	CITY BLDG MAINT SUPPLIES	308	46	372	500	500	500	0%
20-51	WATER/SEWER SYSTEM SUP	13,768	17,202	10,841	16,000	16,000	14,000	-13%
20-53	METERS/METER SUPPLIES	9,676	9,987	9,960	10,000	30,000	10,000	0%
20-54	PUMPING STATION SUPPLIES	37,244	20,553	35,964	38,000	38,000	35,000	-8%
20-58	WATER/SEWER	970	1,741	1,330	1,200	1,200	1,300	8%
	MATERIALS & SUPPLIES	78,011	61,225	71,549	88,200	108,200	82,200	-7%
30-21	TELEPHONE/FAX	3,970	4,030	4,396	4,000	4,000	5,000	25%
30-23	ELECTRICITY	155,493	134,248	146,981	145,000	145,000	140,000	-3%
30-24	HEATING OIL/GAS	-	3,065	1,172	-	-	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,020	498	70	100	100	1,000	900%
30-29	CONSULTING FEES	2,256	322	412	2,000	2,000	-	-100%
30-31	CONTRACTUAL SERVICES	140,589	41,572	79,254	52,500	52,500	52,500	0%
30-62	GASOLINE	28,010	22,130	12,138	15,000	15,000	12,500	-17%
30-64	TRUCK REPAIRS/MAINTENANCE	54	(1,668)	27	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	2,080	1,167	801	600	600	600	0%
30-67	RADIO REPAIRS/MAINTENANCE	1,551	649	664	600	600	600	0%
	ADMINISTRATIVE EXPENDITURES	341,024	206,013	245,915	219,800	219,800	212,200	-3%
	OPERATING EXPENDITURES	913,389	790,525	774,075	962,400	983,500	962,800	0%
40-23	TRUCKS - PURCHASE	26,780	-	245,819	-	-	-	0%
40-24	MAINT EQUIP REPAIRS/MAINT	-	-	64,223	47,200	47,200	-	-100%
40-25	OTHER EQUIPMENT	9,330	-	-	200,000	200,000	251,100	26%
40-31	CONSTRUCTION - PURCHASE	698,929	4,277,921	2,735,845	1,774,000	3,707,500	1,241,900	-30%
40-91	ECON. DEVEL PROJECTS	-	-	-	-	50,000	50,000	0%
	CAPITAL OUTLAY	735,039	4,277,921	3,045,887	2,021,200	4,004,700	1,543,000	-24%
	TOTAL EXPENDITURES	\$ 1,648,428	\$ 5,068,446	\$ 3,819,962	\$ 2,983,600	\$ 4,988,200	\$ 2,505,800	-16%
	REVENUES							
	WATER/WASTEWATER FUND	\$ 913,389	\$ 790,525	\$ 774,075	\$ 962,400	\$ 983,500	\$ 962,800	
	WATER/WASTEWATER I & E FUND	735,039	4,277,921	3,045,887	2,021,200	4,004,700	1,543,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	11.0	11.0	11.0	11.0	11.0	

**WATER TREATMENT PLANT
412/417-7600-576**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 450,665	\$ 456,846	\$ 545,165	\$ 589,400	\$ 597,800	\$ 610,100	4%
10-12	OVERTIME	24,591	26,750	45,843	30,000	30,000	30,000	0%
10-14	FICA TAXES	34,229	34,787	42,680	47,400	48,000	48,900	3%
10-15	HEALTH INSURANCE	122,400	121,656	159,266	189,600	189,600	185,000	-2%
10-16	L I D INSURANCE	2,395	2,441	2,806	3,200	3,200	3,200	0%
10-17	WORKERS COMPENSATION	15,697	16,044	24,095	31,200	31,600	35,500	14%
10-19	PENSION	127,835	114,908	124,118	127,100	127,100	159,600	26%
10-20	OPEB	36,227	37,429	43,713	22,200	22,200	13,300	-40%
	PERSONNEL COSTS	814,038	810,861	987,688	1,040,100	1,049,500	1,085,600	4%
20-25	CUSTODIAL	181	348	693	600	600	600	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,704	3,266	4,044	5,100	5,100	4,500	-12%
20-32	SECURITY/SAFETY MATERIALS	3,030	1,815	1,565	2,000	2,000	2,000	0%
20-33	SMALL TOOLS	3,826	4,492	3,965	4,500	4,500	4,300	-4%
20-35	CHEMICALS & ADDITIVES	106,699	111,699	124,713	130,000	130,000	130,000	0%
20-38	COMPUTER HARDWARE	-	-	197	3,100	3,100	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	3,295	2,354	2,135	2,500	2,500	7,500	200%
20-49	WELL SUPPLIES/REHAB	10,982	8,645	11,907	12,000	12,000	12,000	0%
	MATERIALS & SUPPLIES	131,381	132,618	149,220	159,800	159,800	160,900	1%
30-21	TELEPHONE/FAX	188	190	460	500	500	500	0%
30-23	ELECTRICITY	361,885	382,997	429,648	440,000	440,000	425,000	-3%
30-24	HEATING OIL/GAS	5,544	8,130	4,802	6,000	6,000	5,000	-17%
30-25	ADVERTISEMENT	-	517	836	500	500	-	-100%
30-27	SUBSCRIPTIONS AND DUES	500	400	600	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	180	412	549	700	700	700	0%
30-31	CONTRACTUAL SERVICES	156,908	99,030	56,069	59,800	59,800	83,800	40%
30-62	GASOLINE	10,992	9,376	6,100	9,000	9,000	8,000	-11%
30-66	OTHER EQUIP REPAIRS/MAINT	7,357	7,350	11,115	10,000	10,000	10,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	491	438	166	300	300	300	0%
	ADMINISTRATIVE EXPENDITURES	544,046	508,839	510,345	527,500	527,500	534,000	1%
	OPERATING EXPENDITURES	1,489,465	1,452,318	1,647,253	1,727,400	1,736,800	1,780,500	3%
40-23	TRUCKS - PURCHASE	-	33,771	-	-	-	-	0%
40-31	CONSTRUCTION PURCHASES	-	-	246,052	1,200,000	1,200,000	-	-100%
	CAPITAL OUTLAY	-	33,771	246,052	1,200,000	1,200,000	-	-100%
	TOTAL EXPENDITURES	\$ 1,489,465	\$ 1,486,089	\$ 1,893,305	\$ 2,927,400	\$ 2,936,800	\$ 1,780,500	-39%
	REVENUES							
	WATER/WASTEWATER FUND	\$ 1,489,465	\$ 1,452,318	\$ 1,647,253	\$ 1,727,400	\$ 1,736,800	\$ 1,780,500	
	WATER/WASTEWATER I & E FUND	-	33,771	246,052	1,200,000	1,200,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	11.0	13.0	13.0	13.0	13.0	

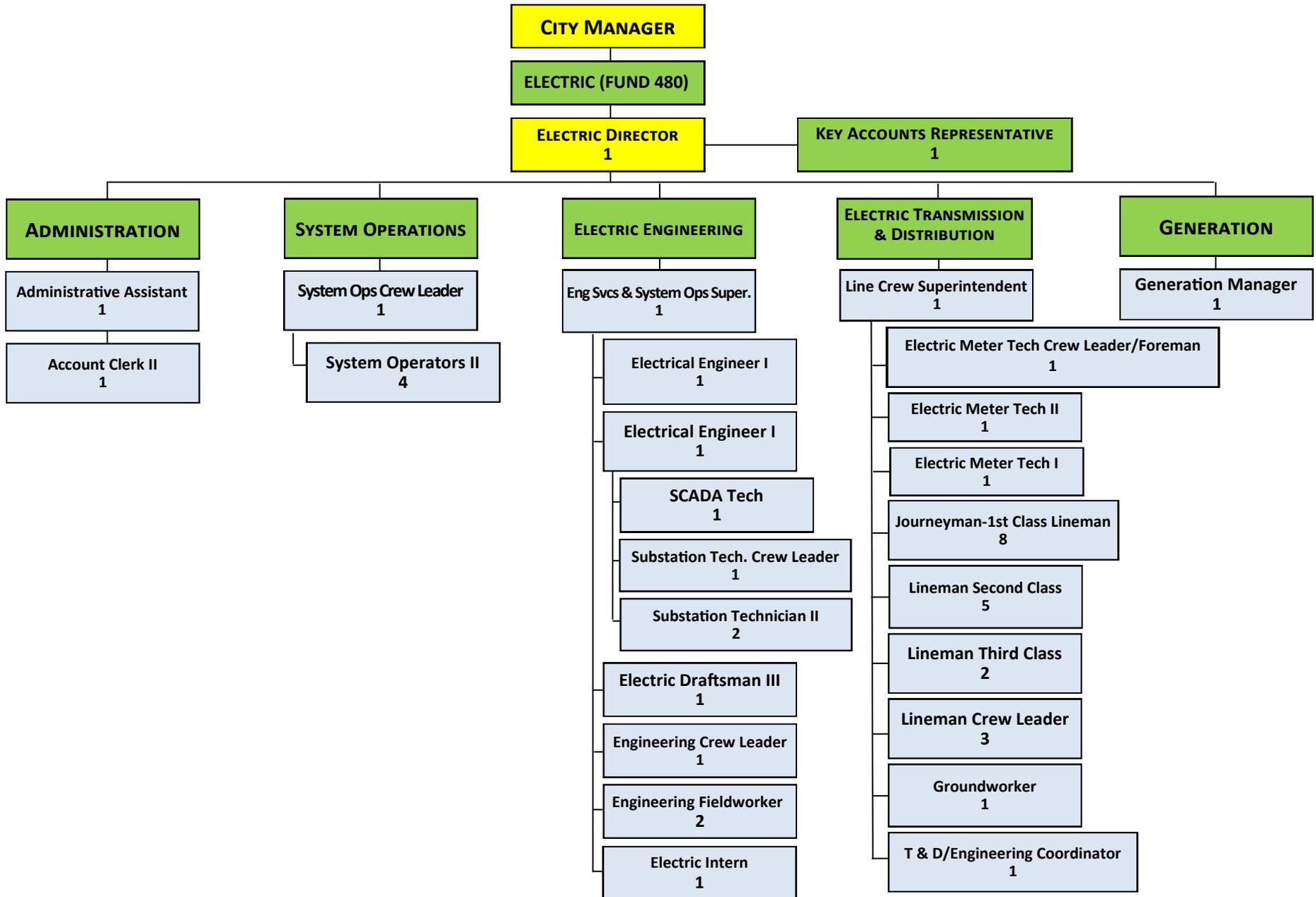


ELECTRIC FUND



Electric Division

Fiscal Year 2018 Organizational Chart



POWER PLANT OPERATIONS
480/487-8101-591

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES & WAGES	\$ 2,221,763	\$ 2,323,591	\$ 2,203,821	\$ 2,400,400	\$ 2,350,400	\$ 2,350,800	-2%
10-12	OVERTIME	226,536	238,045	238,400	185,500	215,500	185,500	43%
10-18	EDUCATIONAL ASSISTANCE	432	-	-	2,500	2,500	-	0%
10-24	BURDEN @ 40%	698,720	729,739	688,243	1,065,600	1,035,600	980,600	-8%
	PERSONNEL COSTS	3,471,521	3,396,652	3,130,464	3,654,000	3,604,000	3,516,900	-2%
20-22	OFFICE SUPPLIES/SUBSCRIPT	6,876	7,099	7,017	7,000	7,000	7,000	0%
20-23	PRINTING & DUPLICATING	1,431	2,418	4,277	2,500	2,500	2,500	0%
20-25	JANITORIAL SERV/SUPPLIES	34,692	32,797	35,754	35,000	35,000	35,000	6%
20-28	MEDICAL SUPPLIES	1,789	2,117	-	2,400	2,400	2,400	0%
20-29	UNIFORMS/UNIFORM ALLOW	12,544	14,612	15,290	10,000	10,000	12,000	20%
20-32	SECURITY/SAFETY MATERIALS	12,006	9,614	8,034	13,200	13,200	12,200	-8%
20-33	SMALL TOOLS	2,116	1,029	1,663	1,900	1,900	1,900	0%
20-35	WATER TREATMENT CHEMICALS	26,817	26,059	37,378	31,900	31,900	30,900	-3%
20-37	COMPUTER SOFTWARE	5,945	10,238	8,245	9,100	9,100	9,100	8%
20-38	COMPUTER HARDWARE	6,536	11,585	3,744	4,700	4,700	-	23%
20-46	CITY BUILDING MAINTENANCE	23,923	36,580	36,798	42,500	42,500	34,000	27%
20-58	WATER/SEWER	82,777	117,349	45,987	84,000	134,000	84,000	67%
	MATERIALS & SUPPLIES	217,451	271,497	204,188	244,200	294,200	231,000	29%
30-19	OPERATOR INSURANCE	413,302	415,500	409,055	405,500	470,500	470,500	18%
30-21	TELEPHONE	9,354	8,230	6,199	9,000	9,000	9,000	0%
30-22	POSTAGE	9,878	9,170	8,253	9,000	9,000	9,000	0%
30-23	ELECTRICITY	604,747	748,178	546,417	550,000	550,000	550,000	15%
30-24	HEATING OIL/GAS	29,451	13,695	43,893	40,000	40,000	40,000	13%
30-28	TRAINING/CONF/FOOD/TRAVEL	36,719	56,799	53,195	66,500	66,500	54,000	41%
30-31	CONTRACTUAL SERVICES	97,223	98,680	156,109	76,300	76,300	80,500	9%
30-43	ENVIRONMENT EXPENSES	146,170	94,960	114,807	104,000	104,000	146,500	60%
30-45	OPERATOR MANAGEMENT FEE	207,552	211,908	800,696	781,300	781,300	792,700	1%
30-47	HOME OFFICE LABOR	60,372	95,275	31,800	15,000	15,000	15,000	33%
30-51	RIGHT OF WAY/PERMITS	44,365	37,465	36,650	36,900	36,900	36,900	0%
30-62	GASOLINE	3,599	4,191	1,597	2,000	2,000	2,000	0%
30-66	OTHER EQUIPT/MAINTENANCE	56,151	42,277	45,567	41,700	41,700	41,700	0%
30-67	RADIO REPAIRS/MAINTENANCE	2,461	4,080	496	6,500	6,500	3,500	-46%
30-80	AUXILLARY SYSTEMS	62,328	47,573	53,169	44,600	44,600	44,600	0%
30-81	BOILER SYSTEMS	34,217	242,908	29,065	47,000	47,000	47,000	0%
30-82	CONTINUOUS EMISSIONS MONI	15,529	15,374	1,527	4,000	4,000	4,000	0%
30-83	DCS CONTROL SYSTEM	7,584	68	1,866	9,700	9,700	9,700	0%
30-84	FIRE PROTECTION SYSTEM	6,689	11,958	7,750	22,500	22,500	10,000	-36%
30-85	COOLING TOWER	5,421	2,090	3,202	5,000	5,000	5,000	0%
30-86	FUEL OIL/GAS SYSTEMS	-	1,136	191	3,000	3,000	3,000	0%
30-87	COMBUSTION TURBINE MAINT	14,728	13,039	37,612	18,000	18,000	12,000	-33%
30-88	POWER DISTRIBUTION SYSTEM	5,215	67,394	6,539	10,000	10,000	7,000	0%
30-89	TURBINE GENERATOR SYSTEMS	6,911	4,194	4,550	10,000	10,000	5,000	0%
	ADMINISTRATIVE EXPENDITURES	2,040,950	2,300,635	2,400,203	2,317,500	2,382,500	2,398,600	11%
	OPERATING EXPENDITURES	5,729,922	5,968,784	5,734,855	6,215,700	6,280,700	6,146,500	4%
40-23	TRUCK - PURCHASES	-	-	-	65,800	65,800	-	-100%
40-25	OTHER EQUIP-PURCHASE	80,370	-	-	59,000	59,000	-	-100%
40-31	CONSTRUCTION-PURCHASE	1,466,647	1,899,229	964,880	1,718,000	2,264,300	2,328,000	74%
	CAPITAL OUTLAY	1,547,017	1,899,229	964,880	1,842,800	2,389,100	2,328,000	62%
	TOTAL EXPENDITURES	\$ 7,276,939	\$ 7,868,013	\$ 6,699,736	\$ 8,058,500	\$ 8,669,800	\$ 8,474,500	18%
	REVENUES							
	ELECTRIC FUND - OPERATING	\$ 5,729,922	\$ 5,968,784	\$ 5,734,855	\$ 6,215,700	\$ 6,280,700	\$ 6,146,500	
	ELECTRIC I & E FUND - CIP	1,547,017	1,899,229	964,880	1,842,800	2,389,100	2,328,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS			27.0	27.0	27.0	27.0	

**POWER SUPPLY
480/487-8102-592**

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
30-31	CONTRACTUAL SERVICES			\$ -	\$ -	\$ -	\$ 100,000	0%
30-32	LEGAL EXPENSES			-	-	-	25,000	0%
65-44	OPERATOR/SUPPLY MGMT FEE	996,000	996,000	996,000	996,000	835,000	835,000	-16%
	65 SERIES TOTAL	1,024,074	1,262,856	996,000	996,000	835,000	960,000	-4%
95-48	3RD PARTY HEDGE PURCHASES	29,484,681	26,170,504	23,610,686	16,557,600	19,489,500	22,807,900	38%
95-49	CAPACITY CHARGES	15,504,095	9,617,562	10,574,198	10,160,600	10,428,800	10,482,500	3%
95-50	CAPACITY CREDITS	(15,065,472)	(8,706,981)	(9,827,426)	(7,355,100)	(7,364,400)	(7,120,100)	-3%
95-58	SOLAR POWER SUPPLY	1,821,037	1,976,577	2,280,044	2,313,900	2,454,200	2,661,300	15%
95-59	SOLAR RENEWAL ENERGY CREDIT	337,741	372,329	344,577	363,400	359,500	371,200	2%
95-60	RENEWABLE ENERGY CREDITS	-	572,515	586,169	673,400	673,200	578,300	-14%
95-61	REGIONAL GREENHOUSE GAS	-	-	66,080	129,300	41,400	64,000	-51%
95-90	PJM CHARGES - TRANS. & FEES	7,433,120	5,389,169	5,247,660	7,603,800	6,036,700	6,900,200	-9%
95-91	PJM CHARGES - ENERGY	14,855,117	8,681,190	2,960,596	12,357,900	6,783,900	6,024,400	-51%
95-92	PJM CREDITS	(5,946,189)	(560,450)	(617,904)	(360,000)	(584,500)	(535,400)	49%
95-93	PJM SPOT MARKET ENERGY	(862,233)	(2,560,292)	(1,002,972)	(804,900)	(1,391,800)	(958,100)	19%
	95 SERIES TOTAL	47,561,896	40,952,122	34,221,708	41,639,900	36,926,500	41,276,200	-1%
98-90	RENEWABLE ENERGY CHARGES	-	59,670	27,180	-	-	-	0%
98-91	GAS FUEL	1,534,434	1,129,932	362,132	302,600	1,255,200	817,400	170%
98-93	NO. 2 FUEL OIL	1,180,850	535,166	950,376	-	1,100	-	0%
	98 SERIES TOTAL	2,715,284	1,729,044	1,339,688	302,600	1,256,300	817,400	170%
	OPERATING EXPENDITURES	51,301,254	43,944,022	36,557,396	42,938,500	39,017,800	43,053,600	0%
	TOTAL EXPENDITURES	\$ 51,301,254	\$ 43,944,022	\$ 36,557,396	\$ 42,938,500	\$ 39,017,800	\$ 43,053,600	0%
	REVENUES							
	ELECTRIC FUND	\$ 51,301,254	\$ 43,944,022	\$ 36,557,396	\$ 42,938,500	\$ 39,017,800	\$ 43,053,600	

ELECTRIC TRANSMISSION & DISTRIBUTION
480/487-8200-562

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 1,354,491	\$ 1,357,167	\$ 1,456,833	\$ 1,562,500	\$ 1,575,900	\$ 1,643,000	5%
10-12	OVERTIME	110,376	111,864	112,131	106,800	106,800	106,800	0%
10-14	FICA TAXES	109,291	108,478	115,919	127,700	128,700	133,800	5%
10-15	HEALTH INSURANCE	242,437	207,713	229,955	283,500	283,500	256,800	-9%
10-16	L I D INSURANCE	5,610	5,751	5,967	6,400	6,400	6,700	5%
10-17	WORKERS COMPENSATION	48,348	48,663	63,978	84,100	84,800	96,900	15%
10-19	PENSION	923,539	736,737	393,330	451,200	451,200	413,200	-8%
10-20	OPEB	94,699	97,309	26,096	30,300	30,300	31,900	5%
	PERSONNEL COSTS	2,888,791	2,673,682	2,404,211	2,652,500	2,667,600	2,689,100	1%
20-29	UNIFORMS/UNIFORM ALLOW	24,680	36,916	15,008	23,000	23,000	23,000	0%
20-32	SECURITY/SAFETY MATERIALS	18,280	33,706	20,202	18,000	18,000	18,000	0%
20-33	SMALL TOOLS	26,712	23,615	19,980	25,000	25,000	25,000	0%
20-38	COMPUTER HARDWARE	1,655	8,855	13,658	12,000	13,300	12,000	0%
20-53	METERS/METER SUPPLIES	13,611	13,897	13,782	24,000	44,000	38,000	58%
20-58	WATER/SEWER	1,479	405	500	300	300	500	67%
20-61	ELEC MATERIALS/SUPPLIES	267,025	296,235	316,958	332,300	306,100	306,100	-8%
	MATERIALS & SUPPLIES	353,443	413,628	400,087	434,600	429,700	422,600	-3%
30-21	TELEPHONE/FAX	1,025	922	1,204	1,400	1,800	1,400	0%
30-23	ELECTRICITY	454	424	437	600	600	500	-17%
30-24	HEATING OIL/GAS	7,519	7,592	3,777	6,000	6,000	6,000	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,521	2,234	11,450	8,900	8,900	10,200	15%
30-31	CONTRACTUAL SERVICES	422,675	420,025	366,614	410,900	410,900	381,000	-7%
30-43	ENVIRONMENTAL EXPENSES	22,728	31,184	30,456	28,000	28,000	28,000	0%
30-51	RIGHT OF WAY	5,955	5,955	5,955	6,000	6,000	6,000	0%
30-62	GASOLINE	58,891	45,633	28,856	32,000	32,000	30,000	-6%
30-64	TRUCK REPAIRS/MAINTENANCE	15,927	15,350	16,140	15,000	15,000	15,000	0%
30-66	OTHER EQUIP REPAIRS/MAINT	6,661	6,708	7,055	7,500	7,500	7,500	0%
30-67	RADIO REPAIRS/MAINTENANCE	2,363	2,124	3,443	2,300	2,300	2,300	0%
	ADMINISTRATIVE EXPENDITURES	547,720	538,151	475,387	518,600	519,000	487,900	-6%
	OPERATING EXPENDITURES	3,789,954	3,625,462	3,279,685	3,605,700	3,616,300	3,599,600	0%
40-23	TRUCKS - PURCHASE	7,421	397,581	399,941	-	-	335,500	0%
40-25	OTHER EQUIP - PURCHASE	152,584	-	-	25,000	175,000	40,000	60%
40-31	CONSTRUCTION - PURCHASE	-	-	-	450,000	-	-	-100%
40-91	UTILITY CONNECTION ASSISTANCE	-	-	-	-	50,000	50,000	0%
60-31	UG TRANSFORMERS	52,766	115,481	200,874	500,000	500,000	285,000	-43%
60-34	UG CONDUCTORS/DEVICES	239,859	712,852	479,709	900,000	1,350,000	963,000	7%
60-46	METERS	14,514	7,917	28,927	100,000	100,000	52,000	-48%
	CAPITAL OUTLAY	467,144	1,233,831	1,109,450	1,975,000	2,175,000	1,725,500	-13%
	TOTAL EXPENDITURES	\$ 4,257,098	\$ 4,859,293	\$ 4,389,135	\$ 5,580,700	\$ 5,791,300	\$ 5,325,100	-5%
	REVENUES							
	ELECTRIC FUND	\$ 3,789,954	\$ 3,625,462	\$ 3,279,685	\$ 3,605,700	\$ 3,616,300	\$ 3,599,600	
	ELECTRIC I & E FUND	467,144	1,233,831	1,109,450	1,975,000	2,175,000	1,725,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	24.0	24.0	24.0	24.0	24.0	24.0	

ELECTRIC ENGINEERING
480/487-8300-563

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 571,424	\$ 516,013	\$ 570,599	\$ 616,000	\$ 618,700	\$ 629,700	2%
10-12	OVERTIME	10,912	7,792	5,337	11,100	11,100	10,000	-10%
10-13	TEMPORARY HELP	-	-	-	10,600	10,600	10,600	0%
10-14	FICA TAXES	42,926	38,038	42,222	48,000	48,200	48,900	2%
10-15	HEALTH INSURANCE	100,431	97,662	96,876	124,100	124,100	117,800	-5%
10-16	L I D INSURANCE	2,508	2,125	2,209	2,800	2,800	2,900	4%
10-17	WORKERS COMPENSATION	12,960	12,703	14,100	22,900	23,000	25,600	12%
10-19	PENSION	264,224	160,382	84,404	93,900	93,900	69,000	-27%
10-20	OPEB	39,539	37,522	12,133	12,100	12,100	12,400	2%
	PERSONNEL COSTS	1,047,032	876,487	827,881	941,500	944,500	926,900	-2%
20-21	FURNITURE/FIXTURES	-	-	-	-	600	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	7,015	11,305	4,005	7,000	7,000	7,000	0%
20-31	BOOKS	36	-	119	200	200	200	0%
20-32	SECURITY/SAFETY MATERIALS	4,452	6,057	2,272	4,600	4,600	4,600	0%
20-33	SMALL TOOLS	1,269	2,082	182	2,000	2,000	1,500	-25%
20-37	COMPUTER SOFTWARE	-	10,095	2,516	10,600	10,600	10,800	2%
20-38	COMPUTER HARDWARE	-	4,010	3,348	2,600	2,600	13,400	415%
20-61	ELEC MATERIALS/SUPPLIES	24,576	20,911	17,077	34,000	33,400	25,000	-26%
	MATERIALS & SUPPLIES	37,348	54,461	29,520	61,000	61,000	62,500	2%
30-21	TELEPHONE/FAX	19,112	19,269	19,431	20,000	20,000	20,000	0%
30-23	ELECTRICITY	1,434	1,192	1,086	1,700	1,700	1,600	-6%
30-27	SUBSCRIPTIONS AND DUES	-	-	352	400	400	400	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,506	7,120	7,148	20,000	20,000	15,000	-25%
30-31	CONTRACTUAL SERVICES	108,718	119,815	98,211	126,000	126,000	126,000	0%
30-43	ENVIRONMENTAL EXPENSES	62,564	71,915	70,357	60,000	60,000	60,000	0%
30-62	GASOLINE	15,070	12,433	7,604	10,000	10,000	9,000	-10%
30-66	OTHER EQUIP REPAIRS/MAINT	12,119	2,598	3,644	6,000	6,000	4,000	-33%
30-67	RADIO REPAIRS/MAINTENANCE	1,161	913	747	1,300	1,300	1,000	-23%
	ADMINISTRATIVE EXPENDITURES	227,683	235,254	208,579	245,400	245,400	237,000	-3%
	OPERATING EXPENDITURES	1,312,062	1,166,201	1,065,980	1,247,900	1,250,900	1,226,400	-2%
40-22	AUTOMOBILES - PURCHASE	34,985	28,514	-	-	-	-	0%
40-23	TRUCKS - PURCHASE	-	-	-	33,200	33,200	-	-100%
40-25	OTHER EQUIP - PURCHASE	8,200	-	1,200	35,000	35,000	-	-100%
40-31	CONSTRUCTION - PURCHASE	-	-	183,546	167,500	167,500	241,000	44%
50-76	LIGHTING IMPROVEMENTS	46,920	-	-	50,000	50,000	100,000	100%
50-83	UG CABLE REPLACEMENT	-	-	-	-	135,000	-	0%
50-85	WIRE REPLACEMENT 69KV	-	12,029	-	-	250,600	-	0%
60-46	METERS - AMI	-	-	-	-	-	150,000	0%
60-64	FIBER OPTIC ELECTRONIC EQ	-	-	-	-	-	69,000	0%
60-82	CAPACITOR INSTALLATIONS	31,484	-	-	50,000	50,000	35,000	-30%
70-28	DISTRIBUTION AUTOMATION	-	-	-	-	-	-	0%
70-35	TRANSMISSION/SWITCHES	17,374	30,421	824,133	75,000	75,000	50,000	-33%
70-60	GARRISON SUBSTATION	-	-	-	-	-	50,000	0%
80-38	UPGRADE SCADA	-	-	-	150,000	150,000	-	-100%
90-25	DISTRIBUTION UPGRADES	426,584	313,788	426,916	350,000	785,400	620,000	77%
90-78	WHITEOAK 69KV REBUILD	-	141,526	169,076	-	-	-	0%
	CAPITAL OUTLAY	1,213,271	851,741	1,604,872	910,700	1,731,700	1,315,000	44%
	TOTAL EXPENDITURES	\$ 2,525,333	\$ 2,017,942	\$ 2,670,851	\$ 2,158,600	\$ 2,982,600	\$ 2,541,400	18%
	REVENUES							
	ELECTRIC FUND	\$ 1,312,062	\$ 1,166,201	\$ 1,065,980	\$ 1,247,900	\$ 1,250,900	\$ 1,226,400	
	ELECTRIC I & E FUND	1,213,271	851,741	1,604,872	910,700	1,731,700	1,315,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	10.0	10.0	10.0	10.0	
	BUDGETED PART-TIME POSITIONS	0	1	-	1.0	1.0	1.0	

ELECTRIC ADMINISTRATION
480/487-8400-564

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 83,844	\$ 198,128	\$ 203,222	\$ 346,700	\$ 346,700	\$ 339,400	-2%
10-14	FICA TAXES	6,134	14,613	14,915	26,500	26,500	26,000	-2%
10-15	HEALTH INSURANCE	13,553	26,443	32,529	60,500	60,500	69,400	15%
10-16	L I D INSURANCE	533	1,140	1,091	1,800	1,800	1,900	6%
10-17	WORKERS COMPENSATION	173	415	659	1,100	1,100	1,100	0%
10-19	PENSION	33,894	35,736	22,166	33,000	33,000	30,800	-7%
10-20	OPEB	6,368	14,660	3,725	10,100	10,100	6,800	-33%
	PERSONNEL COSTS	144,499	291,226	278,306	479,700	479,700	475,400	-1%
20-22	OFFICE SUPPLIES	997	1,109	1,015	1,000	1,500	1,000	0%
20-23	PRINTING AND DUPLICATING	7,073	10,568	8,103	9,000	9,000	9,000	0%
20-28	MEDICAL SUP & PHYSICALS	35	75	92	100	100	100	0%
20-32	SECURITY/SAFETY MATERIALS	-	-	4,863	-	-	-	0%
20-37	COMPUTER SOFTWARE	-	100	100	200	200	-	-100%
20-38	COMPUTER HARDWARE	-	1,295	2,419	2,000	5,100	2,000	0%
20-46	CITY BLDG MAINT SUPPLIES	131,699	153,429	150,555	136,300	136,300	155,000	14%
20-58	WATER/SEWER	699	686	743	900	900	800	-11%
	MATERIALS & SUPPLIES	140,503	167,263	167,890	149,500	153,100	167,900	12%
30-21	TELEPHONE/FAX	1,000	1,030	1,057	1,000	1,900	1,900	90%
30-23	ELECTRICITY	16,382	16,172	15,337	17,000	17,000	15,000	-12%
30-27	SUBSCRIPTIONS AND DUES	67,127	37,018	64,874	67,300	67,300	67,300	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	43	2,103	2,500	2,500	3,000	20%
30-29	CONSULTING FEES	15,270	-	-	25,000	25,000	-	-100%
30-31	CONTRACTUAL SERVICES	19,250	64,838	78,048	59,700	59,700	63,700	7%
30-32	LEGAL EXPENSES	143,365	32,045	103,688	125,000	125,000	-	-100%
30-35	COMMUNITY RELATIONS EXP	-	-	-	2,500	2,500	2,500	0%
30-62	GASOLINE	660	184	93	500	500	300	-40%
	ADMINISTRATIVE EXPENDITURES	263,053	151,331	265,201	300,500	301,400	153,700	-49%
	OPERATING EXPENDITURES	548,055	609,819	711,397	929,700	934,200	797,000	-14%
40-25	OTHER EQUIP - PURCHASE	-	-	-	-	13,000	-	0%
40-31	CONSTRUCTION - PURCHASE	-	-	-	-	10,000	8,500	0%
	CAPITAL OUTLAY	-	-	-	-	23,000	8,500	0%
	TOTAL EXPENDITURES	\$ 548,055	\$ 609,819	\$ 711,397	\$ 929,700	\$ 957,200	\$ 805,500	-13%
	REVENUES							
	ELECTRIC FUND	\$ 548,055	\$ 609,819	\$ 711,397	\$ 929,700	\$ 934,200	\$ 797,000	
	ELECTRIC I & E FUND	-	-	-	-	23,000	8,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	4.0	5.0	5.0	5.0	

SYSTEM OPERATIONS
480/487-8600-526

ACCT	DESCRIPTION	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	\$ 366,841	\$ 349,537	\$ 341,401	\$ 344,000	\$ 353,400	\$ 357,200	4%
10-12	OVERTIME	68,038	77,426	70,385	72,900	72,900	72,900	0%
10-14	FICA TAXES	31,760	30,967	29,980	31,900	32,600	32,900	3%
10-15	HEALTH INSURANCE	71,204	66,497	72,389	92,800	92,800	74,600	-20%
10-16	L I D INSURANCE	1,356	1,356	1,340	1,300	1,300	1,400	8%
10-17	WORKERS COMPENSATION	11,575	11,631	13,033	21,000	21,300	23,800	13%
10-19	PENSION	164,302	141,706	58,704	81,000	81,000	74,900	-8%
10-20	OPEB	24,030	24,611	6,194	6,800	6,800	7,000	3%
	PERSONNEL COSTS	739,107	703,731	593,428	651,700	662,100	644,700	-1%
	TOTAL EXPENDITURES	\$ 739,407	\$ 703,431	\$ 593,428	\$ 651,700	\$ 662,100	\$ 644,700	-1%
	REVENUES							
	ELECTRIC FUND	\$ 739,407	\$ 703,431	\$ 593,428	\$ 651,700	\$ 662,100	\$ 644,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	5.0	

OTHER FUNDS



MUNICIPAL STREET AID

REALTY TRANSFER TAX

WORKERS' COMPENSATION

COMMUNITY TRANSPORTATION

LIBRARY GRANTS

POLICE GRANTS

ELECTRIC RED LIGHT PROGRAM

CDBG

SUBSTANCE ABUSE PREVENT. PROGRAM

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

MUNICIPAL STREET AID FUND

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	135	100	100	100	-	0.0%
STATE GRANT	673,128	673,100	673,100	673,100	-	0.0%
INTEREST EARNED	214	-	-	-	-	0.0%
TOTALS	673,477	673,200	673,200	673,200	-	0.0%

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
TRANSFER TO GENERAL FUND	673,377	673,100	673,100	673,100	-	0.0%
CURRENT YEAR BALANCE	100	100	100	100	-	0.0%
TOTALS	673,477	673,200	673,200	673,200	-	0.0%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

REALTY TRANSFER TAX

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	9	-	-	-	-	0.0%
REALTY TRANSFER TAXES	2,191,915	1,672,700	1,457,000	1,209,300	(463,400)	0.0%
INTEREST EARNED	437	-	-	-	-	0.0%
TOTALS	2,192,361	1,672,700	1,457,000	1,209,300	(463,400)	0.0%

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
PROGRAM EXPENDITURES	2,550	-	-	-	-	0.0%
TRANSFER TO GENERAL FUND	2,188,634	1,672,700	1,457,000	1,209,300	(463,400)	0.0%
CURRENT YEAR BALANCE	1,177	-	-	-	-	0.0%
TOTALS	2,192,361	1,672,700	1,457,000	1,209,300	(463,400)	0.0%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

WORKER'S COMPENSATION FUND 662

	<u>OPERATING REVENUES</u>			<u>2017/18 APPROVED</u>	<u>\$ DIFFERENCE</u>	
	<u>2015/2016 ACTUAL</u>	<u>ORIGINAL BUDGET</u>	<u>2016/17 PROJECTED</u>		<u>FY18 VS FY17 BUDGET</u>	<u>% CHANGE</u>
BEGINNING BALANCE	1,248,164	1,256,300	1,251,900	1,487,800	231,500	18.4%
INTEREST INCOME	23,653	25,000	25,000	22,500	(2,500)	-10.0%
PREMIUM FROM CITY	679,064	855,400	855,400	904,300	48,900	5.7%
MISCELLANEOUS REVENUE	9,489	-	-	-	-	0.0%
TOTALS	1,960,370	2,136,700	2,132,300	2,414,600	277,900	13.0%

	<u>OPERATING EXPENSES</u>			<u>2017/18 APPROVED</u>	<u>\$ DIFFERENCE</u>	
	<u>2015/2016 ACTUAL</u>	<u>ORIGINAL BUDGET</u>	<u>2016/17 PROJECTED</u>		<u>FY18 VS FY17 BUDGET</u>	<u>% CHANGE</u>
PROGRAM EXPENSE - CLAIMS	561,086	475,000	475,000	565,000	90,000	18.9%
INSURANCE	105,416	105,500	105,500	110,800	5,300	5.0%
STATE OF DEL - SELF INSURANCE TAX	38,041	39,000	39,000	39,000	-	0.0%
CONTRACTUAL SERVICES	4,000	25,000	25,000	25,000	-	0.0%
TOTAL EXPENSES	708,543	644,500	644,500	739,800	-	14.8%
CURRENT YEAR BALANCE	1,251,827	1,492,200	1,487,800	1,674,800	182,600	12.2%
TOTALS	1,960,370	2,136,700	2,132,300	2,414,600	277,900	13.0%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

COMMUNITY TRANSPORTATION IMPROVEMENT FUND

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	57,798	92,100	90,700	85,200	(6,900)	-7.5%
GRANTS REVENUE	577,284	500,000	500,000	500,000	-	0.0%
INTEREST INCOME	145	-	-	-	-	0.0%
TOTALS	635,227	592,100	590,700	585,200	(6,900)	-1.2%

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PROGRAM EXP. GRANT RELATED	544,528	500,000	505,500	500,000	-	0.0%
CURRENT YEAR BALANCE	90,699	92,100	85,200	85,200	(6,900)	-7.5%
TOTALS	635,227	592,100	590,700	585,200	(6,900)	-1.2%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

LIBRARY GRANT

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	ORIGINAL PROJECTED	2017/18 APPROVED	\$ DIFFERENCE	
					FY18 VS FY17 BUDGET	\$ CHANGE
PRIOR YEAR BALANCE	30,571	17,300	37,600	-	(17,300)	-100.0%
STATE GRANT	293,835	305,500	297,100	281,700	(23,800)	-7.8%
FEDERAL GRANT	2,500	2,500	2,500	2,500	-	0.0%
TOTALS	326,906	325,300	337,200	284,200	(41,100)	-12.6%

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	ORIGINAL PROJECTED	2017/18 APPROVED	\$ DIFFERENCE	
					FY18 VS FY17 BUDGET	\$ CHANGE
STATE GRANTS						
FURNITURE/FIXTURES	9,827	10,500	12,500	1,500	(9,000)	-85.7%
OFFICE SUPPLIES	24,413	30,800	30,800	30,000	(800)	-2.6%
PRINTING AND DUPLICATING	12,306	12,500	14,000	13,000	500	4.0%
PROGRAM EXPENSES/SUPPLIES	25,436	27,500	30,000	23,500	(4,000)	-14.5%
BOOKS	129,687	150,600	150,300	126,400	(24,200)	-16.1%
COMPUTER SOFTWARE	-	-	1,000	2,100	2,100	0.0%
COMPUTER HARDWARE	-	-	4,400	1,000	1,000	0.0%
AUDIO VISUAL SUPPLIES	74,703	77,200	77,200	74,700	(2,500)	-3.2%
POSTAGE	43	100	200	100	-	0.0%
TRAINING/CONF/FOOD/TRAV	3,303	5,300	6,000	2,500	(2,800)	-52.8%
CONTRACTUAL SERVICES	-	-	-	-	-	0.0%
OFF EQP/REPAIRS & MAINT	5,314	6,300	6,300	4,900	(1,400)	-22.2%
OTHER EQUIP - PURCHASE	-	-	-	-	-	0.0%
OTHER EQUIP - LEASE	1,849	2,000	2,000	2,000	-	0.0%
SUBTOTAL EXPENSES STATE GRANTS	286,881	322,800	334,700	281,700	(41,100)	-12.7%
FEDERAL GRANTS						
PROGRAM EXPENSES/SUPPLIES	2,500	2,500	2,500	2,500	-	0.0%
SUBTOTAL EXPENSES FEDERAL GRAN	2,500	2,500	2,500	2,500	-	0.0%
GRAND TOTAL EXPENSES	289,381	325,300	337,200	284,200	(41,100)	-12.6%
CURRENT YEAR BALANCE	37,525	-	-	-	-	0.0%
TOTALS	326,906	325,300	337,200	284,200	(41,100)	-12.6%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

POLICE GRANTS

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE	
					FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	154,944	295,300	513,000	72,400	(222,900)	-75.5%
GRANTS RECEIVED	956,712	319,000	519,200	358,000	39,000	12.2%
INTEREST INCOME	2,022	-	-	-	-	0.0%
TOTALS	1,113,678	614,300	1,032,200	430,400	(183,900)	-29.9%

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE	
					FY18 VS FY17 BUDGET	% CHANGE
EXPENDITURES						
PERSONNEL EXPENDITURES						
CADET PROGRAM SALARIES	67,850	71,400	-	11,900	(59,500)	-83.3%
CADET PROGRAM FICA	5,191	5,400	5,500	900	(4,500)	-83.3%
CADET PROGRAM W/COMP	3,382	4,200	4,200	700	(3,500)	-83.3%
MATERIALS AND SUPPLIES						
POLICE EQUIPT & PROG SUPP	177,889	284,000	591,000	312,000	28,000	9.9%
TECHNOLOGY EQUIPMENT	2,825	-	-	-	-	0.0%
ADMINISTRATIVE EXPENDITURES						
CELL PHONE CHARGES	19,690	16,000	16,000	20,000	4,000	25.0%
TRAINING	74,203	17,000	58,100	15,000	(2,000)	-11.8%
AUDIT FEES	-	1,000	-	1,000	-	0.0%
CONTRACTUAL SERVICES	90,714	5,000	11,000	-	(5,000)	-100.0%
TOTAL EXPENDITURES	441,744	404,000	685,800	361,500	(42,500)	-10.5%
OTHER FINANCING USES						
OPERATING TRANSFERS-OUT	159,017	82,000	274,000	60,000	(22,000)	-26.8%
TOTAL FINANCING USES	159,017	82,000	274,000	60,000	(22,000)	-26.8%
CURRENT YEAR BALANCE	512,917	128,300	72,400	8,900	(119,400)	-93.1%
TOTALS	1,113,678	614,300	1,032,200	430,400	(183,900)	-29.9%

THE ABOVE BUDGET INCLUDES THE POLICE GRANTS FUND,
USDOJ BYRNE GRANTS FUND AS WELL AS THE OTHER FEDERAL
POLICE GRANTS FUND.

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

ELECTRIC RED LIGHT PROGRAM

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	100	100	100	100	-	0.0%
POLICE FINES	468,793	496,900	496,900	511,800	14,900	0.0%
TOTALS	468,893	497,000	497,000	511,900	14,900	0.0%

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
TRANSFER TO GENERAL FUND	468,793	496,900	496,900	511,800	14,900	0.0%
CURRENT YEAR BALANCE	100	100	100	100	-	0.0%
TOTALS	468,893	497,000	497,000	511,900	14,900	0.0%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)

OPERATING REVENUES

	2015/2016	ORIGINAL	2016/17	2017/18	\$ DIFFERENCE	
	ACTUAL	BUDGET	PROJECTED	APPROVED	FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE CDBG	2,013	2,100	2,100	2,100	-	0.0%
PRIOR YEAR BALANCE NSP	85,277	-	-	-	-	0.0%
CDBG GRANTS RECEIVED	231,161	236,500	279,700	216,700	(19,800)	-8.4%
REVENUE FROM NSP	25,501	-	-	-	-	0.0%
TOTALS	343,952	238,600	281,800	218,800	(19,800)	-8.3%

OPERATING EXPENSES

	2015/2016	ORIGINAL	2016/17	2017/18	\$ DIFFERENCE	
	ACTUAL	BUDGET	PROJECTED	APPROVED	FY18 VS FY17 BUDGET	% CHANGE
Prior year Closing cost/down payment program	892	-	900	-	-	0.0%
Prior year Ncall Research Inc.	-	-	1,000	-	-	0.0%
Prior year Connection Supp Program	-	-	2,500	-	-	0.0%
Prior year MHDC emergency home repair	-	-	22,300	-	-	0.0%
Prior year Habitat for Humanity	5,500	-	3,000	-	-	0.0%
Prior year Milford housing H/O rehab	-	-	13,400	-	-	0.0%
Current year closing cost/down payment program	59,108	50,000	50,000	60,000	10,000	20.0%
Current year Connection Comm Supp program	4,952	7,200	7,300	3,000	(4,200)	-58.3%
Current year Dover interfaith ministry	27,000	22,000	22,000	24,000	2,000	9.1%
Current year MHDC emergency home repair	12,990	25,000	25,000	25,000	-	0.0%
Current year Habitat for Humanity	37,047	30,000	30,000	21,300	(8,700)	-29.0%
Current year MHDC homeowner rehab.	39,506	55,000	55,000	40,000	(15,000)	-27.3%
Current year Peoples Place	6,722	-	-	-	-	0.0%
Current year admin expense	37,444	47,300	47,300	43,400	(3,900)	-8.2%
NSP program expenditures	95,453	-	-	-	-	0.0%
CURRENT YEAR BALANCE CDBG	2,013	2,100	2,100	2,100	-	0.0%
CURRENT YEAR BALANCE NSP	15,325	-	-	-	-	0.0%
TOTALS	343,952	238,600	281,800	218,800	(19,800)	-8.3%

FY 2018 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

SUBSTANCE ABUSE PREVENTION PROGRAM

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	98,181	60,300	99,500	45,300	(15,000)	-24.9%
GRANTS REVENUE	28,030	28,000	28,000	28,000	-	0.0%
RECREATION REVENUE	65,145	33,000	33,000	33,000	-	0.0%
TOTALS	191,356	121,300	160,500	106,300	(15,000)	-12.4%

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	\$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
TEMPORARY HELP/BENEFITS	57,228	60,200	60,200	67,700	7,500	12.5%
PROGRAM EXPENSES/SUPPLIES	34,675	55,000	55,000	35,000	(20,000)	-36.4%
CURRENT YEAR BALANCE	99,453	6,100	45,300	3,600	(2,500)	-41.0%
TOTALS	191,356	121,300	160,500	106,300	(15,000)	-12.4%