

# 2018 Multi-Year Budget

## Appendix D: 2018-2020 Water & Sewer Details





**VISION**

A place for people to prosper -  
alive with opportunity

**MISSION**

Working together  
Committed to our values  
Serving our community

**VALUES**

INTEGRITY  
RESPECT  
INCLUSIVENESS  
SERVICE



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**45100 Water Overhead**

Department: **Development & Infrastructure**

Division: Public Works Water

Section: Water Overhead (45100)

**OBJECTIVES AND RESPONSIBILITIES:**

Administrative services and overhead for water sub-division. Purchase of water from Regional Municipality of Waterloo.

**Account Change Comments:**

**Expense Accounts:**

**2001/2041 Salaries & Benefits:** COLA Adjustments to Salaries & Benefits

**3067 Purchase of Water:** The Regions' wholesale unit supply charge has increased by 1.9% for 2018 and 2.9% for 2019-2020 combined with a decrease in metric volumes purchased. Water loss programs being monitored during course of year to ensure programs are on track and to meet or exceed goals.

**3730 Debt Charges-Interest:** Adjusted to reflect actual payment obligations.

**3780 Debt Charges-Principal:** Adjusted to reflect actual payment obligations.

**3989 Contr to Water Meter Replacement RF:** Adjusted as per Long range Financial Plan.

**Revenue Accounts:**

**7350 Fire Protection Revenue:** Increased by 2.6%

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**45100 Water Overhead**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>FTE's</b>									
FTE Full Time	5.57		5.57					5.57	
FTE Full Time Recovered	14.95		14.55					14.55	
FTE Part Time Recovered	0.71		0.37					0.37	
<b>Total FTE's</b>	<b>21.23</b>		<b>20.49</b>					<b>20.49</b>	
<b>EXPENSES</b>									
2001 Salaries/Wages Full Time	431,600	451,100	437,800	1.4%				437,800	1.4%
2031 Overtime	23,700	23,700	13,700	(42.2%)				13,700	(42.2%)
2032 Managers / Standby	21,300	21,300	31,300	46.9%				31,300	46.9%
2041 Benefits	121,000	123,600	125,300	3.6%				125,300	3.6%
2045 Clothing	14,900	14,900	25,000	67.8%				25,000	67.8%
2046 Meal Allowance	8,100	8,100	8,100					8,100	
2122 Advertising - Promotion	12,400	12,400	12,400					12,400	
2290 Mileage	1,000	1,000	1,000					1,000	
2606 Equipment Usage - City Owned	43,100	43,100	43,100					43,100	
2780 Insurance	26,300	26,300	26,800	1.9%				26,800	1.9%
2785 Job Costing				4.0%					4.0%
20631 Water Standby	26,200	26,200	27,500	5.0%				27,500	5.0%
29800002 On The Job Training	97,900	97,900	101,600	3.8%				101,600	3.8%
<b>Total 2785 Job Costing</b>	<b>124,100</b>	<b>124,100</b>	<b>129,100</b>	<b>4.0%</b>				<b>129,100</b>	<b>4.0%</b>
2791 Lease Agreement - Railway	500	500	500					500	
3067 Purchase of Water	15,916,200	15,916,200	16,086,800	1.1%				16,086,800	1.1%
3290 Training & Development	28,200	28,200	28,200					28,200	
3725 Debt Charges	61,500	61,500		(100.0%)		105,900		105,900	72.2%
3730 Debt Charges - Interest	170,800	170,800	156,000	(8.7%)				156,000	(8.7%)
3770 Prov. For Loss on Private Work	5,000	5,000	5,000					5,000	
3780 Debt Charges- Principal	712,300	712,300	726,200	2.0%				726,200	2.0%
3857 Cont'n to Revenue Fund	2,477,600	2,377,000	2,370,900	(4.3%)				2,370,900	(4.3%)

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**45100 Water Overhead**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
3877 Contr to Debt Retirement RF	22,000	22,000	1,700	(92.3%)				1,700	(92.3%)
3928 Cont'n To Water Sys Cap. R.F.	4,636,800	4,636,800	5,724,200	23.5%				5,724,200	23.5%
3987 Contr to Water Rate Stab RF	100,000	100,000	100,000					100,000	
3989 Contr to Water Meter Replac RF	566,800	566,800	572,500	1.0%				572,500	1.0%
<b>Total Expenses</b>	<b>25,525,200</b>	<b>25,446,700</b>	<b>26,625,600</b>	<b>4.3%</b>		<b>105,900</b>		<b>26,731,500</b>	<b>4.7%</b>
<b>REVENUE</b>									
7350 Fire Protection Revenue	(314,100)	(314,100)	(322,500)	2.7%				(322,500)	2.7%
8216 Contr Fm Water Rate Stab RF	(78,500)			(100.0%)					(100.0%)
8631 Water Billing	(26,537,500)	(26,537,500)	(27,623,400)	4.1%				(27,623,400)	4.1%
8633 Water Billing Fixed Charges	(5,435,400)	(5,435,400)	(5,657,800)	4.1%				(5,657,800)	4.1%
8634 Infrastructure Renewal Charge	(454,000)	(454,000)	(454,000)					(454,000)	
<b>Total Revenue</b>	<b>(32,819,500)</b>	<b>(32,741,000)</b>	<b>(34,057,700)</b>	<b>3.8%</b>				<b>(34,057,700)</b>	<b>3.8%</b>
<b>Net Expenditures</b>	<b>(7,294,300)</b>	<b>(7,294,300)</b>	<b>(7,432,100)</b>	<b>1.9%</b>		<b>105,900</b>		<b>(7,326,200)</b>	<b>0.4%</b>

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**45200 Water Maintenance**

Department: **Development & Infrastructure**

Division: Public Works Water

Section: Water Maintenance (45200)

**OBJECTIVES AND RESPONSIBILITIES :**

To maintain & protect the Corporation's water distribution system & protect investment in same & through repair & installation of meters, provide accurate information for billing purposes. Insure fire hydrants are accessible & operational for firefighting purposes. Generate revenue required to offset these expenses.

**Account Change Comments:**

**Expense Accounts:**

**2295 Leased Vehicles/Mileage/Fuel** - No longer required as per fleet. Removed entire leased vehicle budget .

**2785 Job Costing:** Job Costing Programs have been adjusted to reflect actual program needs

**3250 Tipping Fees:** Charges for fill disposal increased to reflect actual need

**Revenue Accounts:**

**8632 Cont Frm Water Meter Repl** - 2.5% increase

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**45200 Water Maintenance**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>FTE's</b>									
FTE Full Time	21.76		21.76					21.76	
FTE Part Time	4.05		4.05					4.05	
Total FTE's	25.81		25.81					25.81	
<b>EXPENSES</b>									
2295 Leased Vehicles/Mileage/Fuel	7,200	7,200		(100.0%)					(100.0%)
2396 Water Meter Replace Contract	507,500	507,500	507,500					507,500	
2606 Equipment Usage - City Owned	3,100	3,100	3,100					3,100	
2785 Job Costing		6,709,500		1.2%					1.2%
5501 Watermain Repair/Replace	919,000	919,000	948,400	3.2%				948,400	3.2%
5502 Service Connection Repair/Replace	3,801,900	3,801,900	3,801,900					3,801,900	
5505 Watermain Flushing	138,300	138,300	145,700	5.4%				145,700	5.4%
5506 Watermain Swabbing	181,700	181,700	183,700	1.1%				183,700	1.1%
5511 Hydrant Repair/Replace	470,100	470,100	482,200	2.6%				482,200	2.6%
5512 Hydrant Painting	14,400	14,400	15,600	8.3%				15,600	8.3%
5513 Hydrant Checking & Greasing	166,300	166,300	170,100	2.3%				170,100	2.3%
5514 Water Samples	168,400	168,400	170,300	1.1%				170,300	1.1%
5515 Locates		376,800							
5515 Locates	376,800		391,900	4.0%				391,900	4.0%
5516 Preventative Mtce	167,000	167,000	167,000					167,000	
5518 Water Meter Management	286,600	286,600	296,600	3.5%				296,600	3.5%
5510 Hydrant Installation	6,500		6,500					6,500	
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	4,000	4,000	4,000					4,000	
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	8,500	8,500	8,500					8,500	
<b>Total 2785 Job Costing</b>	6,709,500	6,703,000	6,792,400	1.2%				6,792,400	1.2%
3250 Tipping Fees	5,000	5,000	20,000	300.0%				20,000	300.0%

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**45200 Water Maintenance**

	<b>2017 Budget Restated</b>	<b>2017 June Forecast</b>	<b>2018 Base Budget</b>	<b>% Over (Under) 2017</b>	<b>2018 Growth</b>	<b>2018 Op Imp Fm Capital</b>	<b>2018 One Time</b>	<b>2018 Total Budget</b>	<b>% Over (Under) 2017</b>
3260 Small Tools and Supplies	23,400	23,400	23,400					23,400	
3331 Electricity	3,400	3,400	3,600	5.9%				3,600	5.9%
<b>Total Expenses</b>	<b>7,259,100</b>	<b>7,259,100</b>	<b>7,350,000</b>	<b>1.3%</b>				<b>7,350,000</b>	<b>1.3%</b>
<b>REVENUE</b>									
8632 Cont frm Water Meter Replac RF	(307,500)	(307,500)	(315,200)	2.5%				(315,200)	2.5%
<b>Total Revenue</b>	<b>(307,500)</b>	<b>(307,500)</b>	<b>(315,200)</b>	<b>2.5%</b>				<b>(315,200)</b>	<b>2.5%</b>
<b>Net Expenditures</b>	<b>6,951,600</b>	<b>6,951,600</b>	<b>7,034,800</b>	<b>1.2%</b>				<b>7,034,800</b>	<b>1.2%</b>



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**45300 Water Billing**

Department: **Development & Infrastructure**

Division: Public Works Water Recoveries

Section: Water Billing (45300)

**OBJECTIVES AND RESPONSIBILITIES:**

To bill and collect the revenue from customers for the operation of the water and sewer division.

**Account Change Comments:**

**Expense Accounts:**

**3712 Billing & Collection:** Notice volume is trending lower.

**3800 Write Offs:** Adjustment based on past trends

**3857 Cont'n to Revenue Fund:** Decrease is related to reflecting the proper allocation of staffing costs related to the water billing function.

**Revenue Accounts:**

**7980 Water Certificates:** Adjusted to reflect actual revenue anticipated.

**7982 Setup New Account:** Anticipated revenue from Council approved policies.

**8352 Transfer From Sewer:** Adjusted to reflect allocation of billing function attributed to Sewer.

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**45300 Water Billing**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>FTE's</b>									
FTE Full Time Recovered	2.45		2.30					2.30	
FTE Part Time Recovered	2.97		1.71					1.71	
Total FTE's	5.42		4.01					4.01	
<b>EXPENSES</b>									
2823 Licences - Software Agreement	14,500	14,500	14,500					14,500	
3712 Billing & Collection	328,600	328,600	344,700	4.9%				344,700	4.9%
3790 Meter Readings	194,400	194,400	194,400					194,400	
3800 Write Offs	100,000	100,000	50,000	(50.0%)				50,000	(50.0%)
3857 Cont'n to Revenue Fund	376,000	376,000	370,900	(1.4%)				370,900	(1.4%)
Total Expenses	1,013,500	1,013,500	974,500	(3.8%)				974,500	(3.8%)
<b>REVENUE</b>									
7011 Interest on Overdue Accounts	(175,000)	(175,000)	(175,000)					(175,000)	
7980 Water Certificates	(14,400)	(14,400)	(14,400)					(14,400)	
7981 Final Reads	(75,000)	(75,000)	(75,000)					(75,000)	
7982 Setup New Account	(63,800)	(63,800)	(63,800)					(63,800)	
8352 Transfer From Sewer	(342,600)	(342,600)	(354,900)	3.6%				(354,900)	3.6%
Total Revenue	(670,800)	(670,800)	(683,100)	1.8%				(683,100)	1.8%
Net Expenditures	342,700	342,700	291,400	(15.0%)				291,400	(15.0%)

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**45910 Water Private Works**

Department: **Development & Infrastructure**

Division: Public Works Water Recoveries

Section: Water Private Works (45910)

**OBJECTIVES AND RESPONSIBILITIES:**

To perform service installation for private properties on a full cost recovery basis.

**Account Change Comments:**

**Expense Accounts:**

**5990 Private Work Order Expenses:**

**Revenue Accounts:**

**8990 Private Work Order Revenue:**



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45912 Regional Work

Department: **Development & Infrastructure**

Division: Public Works Water Recoveries

Section: Regional Work (45912)

**OBJECTIVES AND RESPONSIBILITIES:**

To perform maintenance on Regional watermains on a full cost recovery basis.

**Account Change Comments:**

**Expense Accounts:**

5991 Regional Work Order Expenses:

**Revenue Accounts:**

8991 Regional Work Order Revenue:



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55100 Sewer Overhead

Department: **Development & Infrastructure**  
Division: Public Works Sewer  
Section: Sanitary Sewer Overhead (55100)

**OBJECTIVES AND RESPONSIBILITIES:**

Administration, supervision and support for sanitary sewer sub-division.

**Account Change Comments:**

**Expense Accounts:**

**2045 Clothing:** Increased to reflect realignment with items previously reflect in job costing, job costing has been decreased to offset this increase.

**2780 Insurance:** Inflationary increases as per budget call.

**2785 Job Costing:** Adjusted to reflect increases due to Collective Agreement.

**3926 Cont'n to Wastewtr –Cap Exp RF:** As per long range financial plan.

**3988 Cont'n to Wastewtr Rate Stab RF:** Increases in 2017 to 2019 are to fund the Wastewater Stabilization Reserve.

**Revenue Accounts:**

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**55100 Sewer Overhead**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>FTE's</b>									
FTE Full Time	3.00		3.00					3.00	
FTE Full Time Recovered	12.94		11.45					11.45	
FTE Part Time Recovered	0.47		0.12					0.12	
<b>Total FTE's</b>	<b>16.41</b>		<b>14.57</b>					<b>14.57</b>	
<b>EXPENSES</b>									
2001 Salaries/Wages Full Time	314,500	393,600	302,500	(3.8%)				302,500	(3.8%)
2031 Overtime	14,500	14,500	14,500					14,500	
2032 Managers / Standby	20,100	20,100	20,100					20,100	
2041 Benefits	84,400	105,900	83,500	(1.1%)				83,500	(1.1%)
2045 Clothing	18,400	18,400	25,000	35.9%				25,000	35.9%
2046 Meal Allowance	4,500	4,500	4,500					4,500	
2122 Advertising - Promotion	10,000	10,000	10,000					10,000	
2290 Mileage	1,000	1,000	1,000					1,000	
2606 Equipment Usage - City Owned	37,100	37,100	37,100					37,100	
2780 Insurance	26,300	26,300	26,800	1.9%				26,800	1.9%
2785 Job Costing				4.2%					4.2%
20632 Sewer Standby	49,200	49,200	51,700	5.1%				51,700	5.1%
29800003 On The Job Training	97,900	97,900	101,600	3.8%				101,600	3.8%
<b>Total 2785 Job Costing</b>	<b>147,100</b>	<b>147,100</b>	<b>153,300</b>	<b>4.2%</b>				<b>153,300</b>	<b>4.2%</b>
2791 Lease Agreement - Railway	19,700	19,700	19,700					19,700	
3290 Training & Development	33,700	33,700	33,700					33,700	
3770 Prov. For Loss on Private Work	5,000	5,000	5,000					5,000	
3845 Transfer to Water	342,600	342,600	354,900	3.6%				354,900	3.6%
3857 Cont'n to Revenue Fund	2,277,500	2,176,900	2,139,100	(6.1%)				2,139,100	(6.1%)
3926 Cont'n To Wastewtr-Cap Exp RF	3,041,100	3,041,100	3,047,700	0.2%				3,047,700	0.2%
3988 Contr to Wastewtr Rate Stab RF	80,000	80,000	100,000	25.0%				100,000	25.0%
<b>Total Expenses</b>	<b>6,477,500</b>	<b>6,477,500</b>	<b>6,378,400</b>	<b>(1.5%)</b>				<b>6,378,400</b>	<b>(1.5%)</b>



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**55100 Sewer Overhead**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>REVENUE</b>									
7921 Sewer Billing	(25,804,400)	(25,804,400)	(26,324,700)	2.0%				(26,324,700)	2.0%
7922 Sewer Billing Fixed Charges	(3,855,800)	(3,855,800)	(3,933,600)	2.0%				(3,933,600)	2.0%
Total Revenue	(29,660,200)	(29,660,200)	(30,258,300)	2.0%				(30,258,300)	2.0%
Net Expenditures	(23,182,700)	(23,182,700)	(23,879,900)	3.0%				(23,879,900)	3.0%

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55200 Sewer Maintenance

Department: **Development & Infrastructure**  
Division: Public Works Sewer  
Section: Sanitary Sewer Maintenance (55200)

**OBJECTIVES AND RESPONSIBILITIES:**

The maintenance and repair of the sanitary sewer system throughout the City, reducing health hazards & protecting public & private property. Respond to emergency sewer maintenance complaints; maintenance & operation of sewer pumping stations including compensating the Region of Waterloo for waste water treatment costs.

**Account Change Comments:**

**Expense Accounts:**

Increases in 2018 are related to inflation and adjustment to cost based on past trends.

**2785 Job Costing:** Job Costing Programs have been adjusted to reflect actual program needs resulting in a \$325,200 decrease.

**3250 Tipping Fees:** Charges for fill disposal increased to reflect actual needs

**3330 Union Gas:** Inflationary increase in 2018 to 2020 as per budget call.

**3331 Electricity:** Inflationary increase in 2018 to 2020 as per budget call.

**3332 Water/Sewer Charges:** Inflationary increase in 2017 to 2019 as per budget call.

**5712 Sewer Treatment (Regional):** TThe Regions' wholesale unit treatment charge has increased 7.9% in 2018 & 5.9% & 3.9% in 2019 & 2020, respectively, combined with a decrease in metric volumes treated. Inflow and Infiltration programs being monitored during course of year to ensure programs are on track and to meet or exceed goals.

**Revenue Accounts:**

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**55200 Sewer Maintenance**

	2017 Budget Restated	2017 June Forecast	2018 Base Budget	% Over (Under) 2017	2018 Growth	2018 Op Imp Fm Capital	2018 One Time	2018 Total Budget	% Over (Under) 2017
<b>FTE's</b>									
FTE Full Time	26.88		26.88					26.88	
Total FTE's	26.88		26.88					26.88	
<b>EXPENSES</b>									
2325 Communications	25,800	25,800	26,600	3.1%				26,600	3.1%
2604 Minor Capital	2,000	2,000	2,000					2,000	
2606 Equipment Usage - City Owned	24,100	24,100	24,100					24,100	
2785 Job Costing				(10.0%)					(9.6%)
5701 Manhole Repair/Replace	384,100	384,100	395,800	3.0%				395,800	3.0%
5702 Mainline Repair/Replace	84,200	84,200	85,200	1.2%				85,200	1.2%
5703 Mainline Cleaning-Power Jetting	286,000	286,000	294,200	2.9%				294,200	2.9%
5705 Mainline Blockage	14,800	14,800	15,100	2.0%				15,100	2.0%
5706 Preventative Mtce. Inspection	314,300	314,300	335,100	6.6%				335,100	6.6%
5707 Lateral Repair/Replace	982,600	982,600	809,000	(17.7%)				809,000	(17.7%)
5708 Lateral Blockage	180,600	180,600	183,900	1.8%				183,900	1.8%
5709 Locates	67,400	67,400	70,500	4.6%				70,500	4.6%
5711 Pumping Station Mtce.	872,000	872,000	672,000	(22.9%)				672,000	(22.9%)
5712 Preventative Mtce.	76,900	76,900	76,900					76,900	
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	2,000	2,000	2,000					2,000	
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	2,500	2,500	2,500					2,500	
Op. Impact 17S013 EAST SIDE LANDS 3402 CREEKSIDE PUMPING STATION						10,000		10,000	
<b>Total 2785 Job Costing</b>	3,267,400	3,267,400	2,942,200	(10.0%)		10,000		2,952,200	(9.6%)
3050 Property Taxes	39,600	39,600	41,800	5.6%				41,800	5.6%
3250 Tipping Fees	3,000	3,000	6,000	100.0%				6,000	100.0%
3260 Small Tools and Supplies	22,900	22,900	22,900					22,900	
3330 Union Gas	3,100	3,100	3,200	3.2%				3,200	3.2%

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**55200 Sewer Maintenance**

	<b>2017 Budget Restated</b>	<b>2017 June Forecast</b>	<b>2018 Base Budget</b>	<b>% Over (Under) 2017</b>	<b>2018 Growth</b>	<b>2018 Op Imp Fm Capital</b>	<b>2018 One Time</b>	<b>2018 Total Budget</b>	<b>% Over (Under) 2017</b>
3331 Electricity	136,400	136,400	145,300	6.5%		2,000		147,300	8.0%
3332 Water/Sewer Charges	14,400	14,400	29,400	104.2%				29,400	104.2%
5712 Sewer Treatment (Regional)	19,557,100	19,557,100	20,537,900	5.0%				20,537,900	5.0%
5713 Sewer Surcharge Rebates	100,000	100,000	100,000					100,000	
<b>Total Expenses</b>	<b>23,195,800</b>	<b>23,195,800</b>	<b>23,881,400</b>	<b>3.0%</b>		<b>12,000</b>		<b>23,893,400</b>	<b>3.0%</b>
<b>REVENUE</b>									
7605 Mtce Pumping Station Riverside	(13,100)	(13,100)	(13,500)	3.1%				(13,500)	3.1%
<b>Total Revenue</b>	<b>(13,100)</b>	<b>(13,100)</b>	<b>(13,500)</b>	<b>3.1%</b>				<b>(13,500)</b>	<b>3.1%</b>
<b>Net Expenditures</b>	<b>23,182,700</b>	<b>23,182,700</b>	<b>23,867,900</b>	<b>3.0%</b>		<b>12,000</b>		<b>23,879,900</b>	<b>3.0%</b>

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55910 Sewer Private Works

Department: **Transportation & Public Works**

Division: Sanitary Sewer

Section: Sewer Private Works

**OBJECTIVES AND RESPONSIBILITIES :**

To perform maintenance on private sewer facilities on a full cost recovery basis

**Account Change Comments:**

Expense Accounts

Revenue Accounts



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**45100 Water Overhead**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	5.57	5.57		0.00	0.00	0.00	5.57	
FTE Full Time Recovered	14.55	14.55		0.00	0.00	0.00	14.55	
FTE Part Time Recovered	0.37	0.37		0.00	0.00	0.00	0.37	
<b>Total FTE's</b>	<b>20.49</b>	<b>20.49</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>20.49</b>	
<b>EXPENSES</b>								
2001 Salaries/Wages Full Time	437,800	452,100	3.3%	0	0	0	452,100	3.3%
2031 Overtime	13,700	13,700	0.0%	0	0	0	13,700	0.0%
2032 Managers / Standby	31,300	31,300	0.0%	0	0	0	31,300	0.0%
2041 Benefits	125,300	128,400	2.5%	0	0	0	128,400	2.5%
2045 Clothing	25,000	25,000	0.0%	0	0	0	25,000	0.0%
2046 Meal Allowance	8,100	8,100	0.0%	0	0	0	8,100	0.0%
2122 Advertising - Promotion	12,400	12,400	0.0%	0	0	0	12,400	0.0%
2290 Mileage	1,000	1,000	0.0%	0	0	0	1,000	0.0%
2606 Equipment Usage - City Owned	43,100	43,100	0.0%	0	0	0	43,100	0.0%
2780 Insurance	26,800	27,300	1.9%	0	0	0	27,300	1.9%
2785 Job Costing			2.0%					2.0%
20631 Water Standby	27,500	28,000	1.8%	0	0	0	28,000	1.8%
29800002 On The Job Training	101,600	103,700	2.1%	0	0	0	103,700	2.1%
<b>Total 2785 Job Costing</b>	<b>129,100</b>	<b>131,700</b>	<b>2.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131,700</b>	<b>2.0%</b>
2791 Lease Agreement - Railway	500	500	0.0%	0	0	0	500	0.0%
3067 Purchase of Water	16,086,800	16,351,600	1.6%	0	0	0	16,351,600	1.6%
3290 Training & Development	28,200	28,200	0.0%	0	0	0	28,200	0.0%
3725 Debt Charges	105,900	105,900	0.0%	0	0	0	105,900	0.0%
3730 Debt Charges - Interest	156,000	139,000	(10.9%)	0	0	0	139,000	(10.9%)
3770 Prov. For Loss on Private Work	5,000	5,000	0.0%	0	0	0	5,000	0.0%

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**45100 Water Overhead**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
3780 Debt Charges- Principal	726,200	742,500	2.2%	0	0	0	742,500	2.2%
3857 Cont'n to Revenue Fund	2,370,900	2,456,200	3.6%	0	0	0	2,456,200	3.6%
3877 Contr to Debt Retirement RF	1,700	0	(100.0%)	0	0	0	0	(100.0%)
3928 Cont'n To Water Sys Cap. R.F.	5,724,200	6,805,200	18.9%	0	0	0	6,805,200	18.9%
3987 Contr to Water Rate Stab RF	100,000	100,000	0.0%	0	0	0	100,000	0.0%
3989 Contr to Water Meter Replac RF	572,500	584,000	2.0%	0	0	0	584,000	2.0%
<b>Total Expenses</b>	<b>26,731,500</b>	<b>28,192,200</b>	<b>5.5%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,192,200</b>	<b>5.5%</b>
<b>REVENUE</b>								
7350 Fire Protection Revenue	(322,500)	(332,700)	3.2%	0	0	0	(332,700)	3.2%
8216 Contr Fm Water Rate Stab RF	0	0	0.0%	0	0	0	0	0.0%
8631 Water Billing	(27,623,400)	(28,924,600)	4.7%	0	0	0	(28,924,600)	4.7%
8633 Water Billing Fixed Charges	(5,657,800)	(5,924,300)	4.7%	0	0	0	(5,924,300)	4.7%
8634 Infrastructure Renewal Charge	(454,000)	(454,000)	0.0%	0	0	0	(454,000)	0.0%
<b>Total Revenue</b>	<b>(34,057,700)</b>	<b>(35,635,600)</b>	<b>4.6%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(35,635,600)</b>	<b>4.6%</b>
<b>Net Expenditures</b>	<b>(7,326,200)</b>	<b>(7,443,400)</b>	<b>1.6%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(7,443,400)</b>	<b>1.6%</b>



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**45200 Water Maintenance**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	21.76	21.76		0.00	0.00	0.00	21.76	
FTE Part Time	4.05	4.05		0.00	0.00	0.00	4.05	
Total FTE's	25.81	25.81		0.00	0.00	0.00	25.81	
<b>EXPENSES</b>								
2295 Leased Vehicles/Mileage/Fuel	0	0	0.0%	0	0	0	0	0.0%
2396 Water Meter Replace Contract	507,500	507,500	0.0%	0	0	0	507,500	0.0%
2606 Equipment Usage - City Owned	3,100	3,100	0.0%	0	0	0	3,100	0.0%
2785 Job Costing			1.6%					1.6%
5501 Watermain Repair/Replace	948,400	967,700	2.0%	0	0	0	967,700	2.0%
5502 Service Connection Repair/Replace	3,801,900	3,864,200	1.6%	0	0	0	3,864,200	1.6%
5505 Watermain Flushing	145,700	149,300	2.5%	0	0	0	149,300	2.5%
5506 Watermain Swabbing	183,700	184,700	0.5%	0	0	0	184,700	0.5%
5511 Hydrant Repair/Replace	482,200	490,600	1.7%	0	0	0	490,600	1.7%
5512 Hydrant Painting	15,600	16,300	4.5%	0	0	0	16,300	4.5%
5513 Hydrant Checking & Greasing	170,100	171,900	1.1%	0	0	0	171,900	1.1%
5514 Water Samples	170,300	171,700	0.8%	0	0	0	171,700	0.8%
5515 Locates	0	0	0.0%	0	0	0	0	0.0%
5515 Locates	391,900	399,100	1.8%	0	0	0	399,100	1.8%
5516 Preventative Mtce	167,000	167,000	0.0%	0	0	0	167,000	0.0%
5518 Water Meter Management	296,600	302,400	2.0%	0	0	0	302,400	2.0%
5510 Hydrant Installation	6,500	6,500	0.0%	0	0	0	6,500	0.0%
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	4,000	4,000	0.0%	0	0	0	4,000	0.0%
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	8,500	8,500	0.0%	0	0	0	8,500	0.0%

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**45200 Water Maintenance**

	<b>2018 Total Budget</b>	<b>2019 Base Budget</b>	<b>% Over (Under) 2018</b>	<b>2019 Growth</b>	<b>2019 Op Imp Fm Capital</b>	<b>2019 One Time</b>	<b>2019 Total Budget</b>	<b>% Over (Under) 2018</b>
<b>Total 2785 Job Costing</b>	6,792,400	6,903,900	1.6%	0	0	0	6,903,900	1.6%
3250 Tipping Fees	20,000	20,000	0.0%	0	0	0	20,000	0.0%
3260 Small Tools and Supplies	23,400	23,400	0.0%	0	0	0	23,400	0.0%
3331 Electricity	3,600	3,800	5.6%	0	0	0	3,800	5.6%
<b>Total Expenses</b>	<b>7,350,000</b>	<b>7,461,700</b>	<b>1.5%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,461,700</b>	<b>1.5%</b>
<b>REVENUE</b>								
8632 Cont frm Water Meter Replac RF	(315,200)	(323,000)	2.5%	0	0	0	(323,000)	2.5%
<b>Total Revenue</b>	<b>(315,200)</b>	<b>(323,000)</b>	<b>2.5%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(323,000)</b>	<b>2.5%</b>
<b>Net Expenditures</b>	<b>7,034,800</b>	<b>7,138,700</b>	<b>1.5%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,138,700</b>	<b>1.5%</b>

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**45300 Water Billing**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time Recovered	2.30	2.30		0.00	0.00	0.00	2.30	
FTE Part Time Recovered	1.71	1.71		0.00	0.00	0.00	1.71	
Total FTE's	4.01	4.01		0.00	0.00	0.00	4.01	
<b>EXPENSES</b>								
2823 Licences - Software Agreement	14,500	14,500	0.0%	0	0	0	14,500	0.0%
3712 Billing & Collection	344,700	361,600	4.9%	0	0	0	361,600	4.9%
3790 Meter Readings	194,400	194,400	0.0%	0	0	0	194,400	0.0%
3800 Write Offs	50,000	50,000	0.0%	0	0	0	50,000	0.0%
3857 Cont'n to Revenue Fund	370,900	378,900	2.2%	0	0	0	378,900	2.2%
Total Expenses	974,500	999,400	2.6%	0	0	0	999,400	2.6%
<b>REVENUE</b>								
7011 Interest on Overdue Accounts	(175,000)	(175,000)	0.0%	0	0	0	(175,000)	0.0%
7980 Water Certificates	(14,400)	(14,400)	0.0%	0	0	0	(14,400)	0.0%
7981 Final Reads	(75,000)	(75,000)	0.0%	0	0	0	(75,000)	0.0%
7982 Setup New Account	(63,800)	(63,800)	0.0%	0	0	0	(63,800)	0.0%
8352 Transfer From Sewer	(354,900)	(366,500)	3.3%	0	0	0	(366,500)	3.3%
Total Revenue	(683,100)	(694,700)	1.7%	0	0	0	(694,700)	1.7%
Net Expenditures	291,400	304,700	4.6%	0	0	0	304,700	4.6%

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**45910 Water Private Works**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	1.18	1.18		0.00	0.00	0.00	1.18	
FTE Part Time	0.48	0.48		0.00	0.00	0.00	0.48	
Total FTE's	1.66	1.66		0.00	0.00	0.00	1.66	
<b>EXPENSES</b>								
5990 Private Work Order Expenses	173,800	173,800	0.0%	0	0	0	173,800	0.0%
Total Expenses	173,800	173,800	0.0%	0	0	0	173,800	0.0%
<b>REVENUE</b>								
8990 Private Work Order Revenue	(173,800)	(173,800)	0.0%	0	0	0	(173,800)	0.0%
Total Revenue	(173,800)	(173,800)	0.0%	0	0	0	(173,800)	0.0%
Net Expenditures	0	0	0.0%	0	0	0	0	0.0%

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**45912 Regional Work**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	1.49	1.49		0.00	0.00	0.00	1.49	
Total FTE's	1.49	1.49		0.00	0.00	0.00	1.49	
<b>EXPENSES</b>								
5991 Regional Work Order Expenses	196,500	196,500	0.0%	0	0	0	196,500	0.0%
Total Expenses	196,500	196,500	0.0%	0	0	0	196,500	0.0%
<b>REVENUE</b>								
8991 Regional Work Order Revenue	(196,500)	(196,500)	0.0%	0	0	0	(196,500)	0.0%
Total Revenue	(196,500)	(196,500)	0.0%	0	0	0	(196,500)	0.0%
Net Expenditures	0	0	0.0%	0	0	0	0	0.0%

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**55100 Sewer Overhead**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	3.00	3.00		0.00	0.00	0.00	3.00	
FTE Full Time Recovered	11.45	11.45		0.00	0.00	0.00	11.45	
FTE Part Time Recovered	0.12	0.12		0.00	0.00	0.00	0.12	
<b>Total FTE's</b>	<b>14.57</b>	<b>14.57</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14.57</b>	
<b>EXPENSES</b>								
2001 Salaries/Wages Full Time	302,500	309,100	2.2%	0	0	0	309,100	2.2%
2031 Overtime	14,500	14,500	0.0%	0	0	0	14,500	0.0%
2032 Managers / Standby	20,100	20,100	0.0%	0	0	0	20,100	0.0%
2041 Benefits	83,500	85,000	1.8%	0	0	0	85,000	1.8%
2045 Clothing	25,000	25,000	0.0%	0	0	0	25,000	0.0%
2046 Meal Allowance	4,500	4,500	0.0%	0	0	0	4,500	0.0%
2122 Advertising - Promotion	10,000	10,000	0.0%	0	0	0	10,000	0.0%
2290 Mileage	1,000	1,000	0.0%	0	0	0	1,000	0.0%
2606 Equipment Usage - City Owned	37,100	37,100	0.0%	0	0	0	37,100	0.0%
2780 Insurance	26,800	27,300	1.9%	0	0	0	27,300	1.9%
2785 Job Costing			1.3%					1.3%
20632 Sewer Standby	51,700	52,700	1.9%	0	0	0	52,700	1.9%
29800003 On The Job Training	101,600	102,600	1.0%	0	0	0	102,600	1.0%
<b>Total 2785 Job Costing</b>	<b>153,300</b>	<b>155,300</b>	<b>1.3%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>155,300</b>	<b>1.3%</b>
2791 Lease Agreement - Railway	19,700	19,700	0.0%	0	0	0	19,700	0.0%
3290 Training & Development	33,700	33,700	0.0%	0	0	0	33,700	0.0%
3770 Prov. For Loss on Private Work	5,000	5,000	0.0%	0	0	0	5,000	0.0%
3845 Transfer to Water	354,900	366,500	3.3%	0	0	0	366,500	3.3%
3857 Cont'n to Revenue Fund	2,139,100	2,196,900	2.7%	0	0	0	2,196,900	2.7%
3926 Cont'n To Wastewtr-Cap Exp RF	3,047,700	3,564,700	17.0%	0	0	0	3,564,700	17.0%

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**55100 Sewer Overhead**

	<b>2018 Total Budget</b>	<b>2019 Base Budget</b>	<b>% Over (Under) 2018</b>	<b>2019 Growth</b>	<b>2019 Op Imp Fm Capital</b>	<b>2019 One Time</b>	<b>2019 Total Budget</b>	<b>% Over (Under) 2018</b>
3988 Contr to Wastewtr Rate Stab RF	100,000	100,000	0.0%	0	0	0	100,000	0.0%
Total Expenses	6,378,400	6,975,400	9.4%	0	0	0	6,975,400	9.4%
<b>REVENUE</b>								
7921 Sewer Billing	(26,324,700)	(27,731,200)	5.3%	0	0	0	(27,731,200)	5.3%
7922 Sewer Billing Fixed Charges	(3,933,600)	(4,143,800)	5.3%	0	0	0	(4,143,800)	5.3%
Total Revenue	(30,258,300)	(31,875,000)	5.3%	0	0	0	(31,875,000)	5.3%
Net Expenditures	(23,879,900)	(24,899,600)	4.3%	0	0	0	(24,899,600)	4.3%

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**55200 Sewer Maintenance**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	26.88	26.88		0.00	0.00	0.00	26.88	
<b>Total FTE's</b>	<b>26.88</b>	<b>26.88</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>26.88</b>	
<b>EXPENSES</b>								
2325 Communications	26,600	27,100	1.9%	0	0	0	27,100	1.9%
2604 Minor Capital	2,000	2,000	0.0%	0	0	0	2,000	0.0%
2606 Equipment Usage - City Owned	24,100	24,100	0.0%	0	0	0	24,100	0.0%
2785 Job Costing			1.5%					3.5%
5701 Manhole Repair/Replace	395,800	402,400	1.7%	0	0	0	402,400	1.7%
5702 Mainline Repair/Replace	85,200	85,800	0.7%	0	0	0	85,800	0.7%
5703 Mainline Cleaning-Power Jetting	294,200	298,500	1.5%	0	0	0	298,500	1.5%
5705 Mainline Blockage	15,100	15,300	1.3%	0	0	0	15,300	1.3%
5706 Preventative Mtce. Inspection	335,100	348,500	4.0%	0	0	0	348,500	4.0%
5707 Lateral Repair/Replace	809,000	814,500	0.7%	0	0	0	814,500	0.7%
5708 Lateral Blockage	183,900	185,400	0.8%	0	0	0	185,400	0.8%
5709 Locates	70,500	72,800	3.3%	0	0	0	72,800	3.3%
5711 Pumping Station Mtce.	672,000	681,400	1.4%	0	0	0	681,400	1.4%
5712 Preventative Mtce.	76,900	76,900	0.0%	0	0	0	76,900	0.0%
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	2,000	2,000	0.0%	0	0	0	2,000	0.0%
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	2,500	2,500	0.0%	0	0	0	2,500	0.0%
Op. Impact 17S012 East Side 3134 San Pump Stn Royal Oak Forecmain & Speedvill	0	0	0.0%	0	60,000	0	60,000	0.0%
Op. Impact 17S013 EAST SIDE LANDS 3402 CREEKSIDE PUMPING STATION	10,000	10,000	0.0%	0	0	0	10,000	0.0%



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**55200 Sewer Maintenance**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>Total 2785 Job Costing</b>	2,952,200	2,996,000	1.5%	0	60,000	0	3,056,000	3.5%
3050 Property Taxes	41,800	43,000	2.9%	0	0	0	43,000	2.9%
3250 Tipping Fees	6,000	6,000	0.0%	0	0	0	6,000	0.0%
3260 Small Tools and Supplies	22,900	23,400	2.2%	0	0	0	23,400	2.2%
3330 Union Gas	3,200	3,300	3.1%	0	0	0	3,300	3.1%
3331 Electricity	147,300	157,200	6.7%	0	8,000	0	165,200	12.2%
3332 Water/Sewer Charges	29,400	31,100	5.8%	0	0	0	31,100	5.8%
5712 Sewer Treatment (Regional)	20,537,900	21,432,400	4.4%	0	0	0	21,432,400	4.4%
5713 Sewer Surcharge Rebates	100,000	100,000	0.0%	0	0	0	100,000	0.0%
<b>Total Expenses</b>	<b>23,893,400</b>	<b>24,845,600</b>	<b>4.0%</b>	<b>0</b>	<b>68,000</b>	<b>0</b>	<b>24,913,600</b>	<b>4.3%</b>
<b>REVENUE</b>								
7605 Mtce Pumping Station Riverside	(13,500)	(14,000)	3.7%	0	0	0	(14,000)	3.7%
<b>Total Revenue</b>	<b>(13,500)</b>	<b>(14,000)</b>	<b>3.7%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(14,000)</b>	<b>3.7%</b>
<b>Net Expenditures</b>	<b>23,879,900</b>	<b>24,831,600</b>	<b>4.0%</b>	<b>0</b>	<b>68,000</b>	<b>0</b>	<b>24,899,600</b>	<b>4.3%</b>

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**55910 Sewer Private Works**

	2018 Total Budget	2019 Base Budget	% Over (Under) 2018	2019 Growth	2019 Op Imp Fm Capital	2019 One Time	2019 Total Budget	% Over (Under) 2018
<b>FTE's</b>								
FTE Full Time	1.12	1.12		0.00	0.00	0.00	1.12	
Total FTE's	1.12	1.12		0.00	0.00	0.00	1.12	
<b>EXPENSES</b>								
5990 Private Work Order Expenses	191,300	191,300	0.0%	0	0	0	191,300	0.0%
Total Expenses	191,300	191,300	0.0%	0	0	0	191,300	0.0%
<b>REVENUE</b>								
8990 Private Work Order Revenue	(191,300)	(191,300)	0.0%	0	0	0	(191,300)	0.0%
Total Revenue	(191,300)	(191,300)	0.0%	0	0	0	(191,300)	0.0%
Net Expenditures	0	0	0.0%	0	0	0	0	0.0%

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**45100 Water Overhead**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	5.57	5.57		0.00	0.00	0.00	5.57	
FTE Full Time Recovered	14.55	14.55		0.00	0.00	0.00	14.55	
FTE Part Time Recovered	0.37	0.37		0.00	0.00	0.00	0.37	
<b>Total FTE's</b>	<b>20.49</b>	<b>20.49</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>20.49</b>	
<b>EXPENSES</b>								
2001 Salaries/Wages Full Time	452,100	463,400	2.5%	0	0	0	463,400	2.5%
2031 Overtime	13,700	13,700	0.0%	0	0	0	13,700	0.0%
2032 Managers / Standby	31,300	31,300	0.0%	0	0	0	31,300	0.0%
2041 Benefits	128,400	130,800	1.9%	0	0	0	130,800	1.9%
2045 Clothing	25,000	25,000	0.0%	0	0	0	25,000	0.0%
2046 Meal Allowance	8,100	8,100	0.0%	0	0	0	8,100	0.0%
2122 Advertising - Promotion	12,400	12,400	0.0%	0	0	0	12,400	0.0%
2290 Mileage	1,000	1,000	0.0%	0	0	0	1,000	0.0%
2606 Equipment Usage - City Owned	43,100	43,100	0.0%	0	0	0	43,100	0.0%
2780 Insurance	27,300	27,300	0.0%	0	0	0	27,300	0.0%
2785 Job Costing			2.1%					2.1%
20631 Water Standby	28,000	28,600	2.1%	0	0	0	28,600	2.1%
29800002 On The Job Training	103,700	105,900	2.1%	0	0	0	105,900	2.1%
<b>Total 2785 Job Costing</b>	<b>131,700</b>	<b>134,500</b>	<b>2.1%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>134,500</b>	<b>2.1%</b>
2791 Lease Agreement - Railway	500	500	0.0%	0	0	0	500	0.0%
3067 Purchase of Water	16,351,600	16,623,500	1.7%	0	0	0	16,623,500	1.7%
3290 Training & Development	28,200	28,200	0.0%	0	0	0	28,200	0.0%
3725 Debt Charges	105,900	105,900	0.0%	0	0	0	105,900	0.0%
3730 Debt Charges - Interest	139,000	119,700	(13.9%)	0	0	0	119,700	(13.9%)
3770 Prov. For Loss on Private Work	5,000	5,000	0.0%	0	0	0	5,000	0.0%

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**45100 Water Overhead**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
3780 Debt Charges- Principal	742,500	760,900	2.5%	0	0	0	760,900	2.5%
3857 Cont'n to Revenue Fund	2,456,200	2,491,300	1.4%	0	0	0	2,491,300	1.4%
3877 Contr to Debt Retirement RF	0	0	0.0%	0	0	0	0	0.0%
3928 Cont'n To Water Sys Cap. R.F.	6,805,200	8,130,600	19.5%	0	0	0	8,130,600	19.5%
3987 Contr to Water Rate Stab RF	100,000	100,000	0.0%	0	0	0	100,000	0.0%
3989 Contr to Water Meter Replac RF	584,000	595,600	2.0%	0	0	0	595,600	2.0%
<b>Total Expenses</b>	<b>28,192,200</b>	<b>29,851,800</b>	<b>5.9%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,851,800</b>	<b>5.9%</b>
<b>REVENUE</b>								
7350 Fire Protection Revenue	(332,700)	(343,100)	3.1%	0	0	0	(343,100)	3.1%
8216 Contr Fm Water Rate Stab RF	0	0	0.0%	0	0	0	0	0.0%
8631 Water Billing	(28,924,600)	(30,402,900)	5.1%	0	0	0	(30,402,900)	5.1%
8633 Water Billing Fixed Charges	(5,924,300)	(6,227,100)	5.1%	0	0	0	(6,227,100)	5.1%
8634 Infrastructure Renewal Charge	(454,000)	(454,000)	0.0%	0	0	0	(454,000)	0.0%
<b>Total Revenue</b>	<b>(35,635,600)</b>	<b>(37,427,100)</b>	<b>5.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(37,427,100)</b>	<b>5.0%</b>
<b>Net Expenditures</b>	<b>(7,443,400)</b>	<b>(7,575,300)</b>	<b>1.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(7,575,300)</b>	<b>1.8%</b>

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**45200 Water Maintenance**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	21.76	21.76		0.00	0.00	0.00	21.76	
FTE Part Time	4.05	4.05		0.00	0.00	0.00	4.05	
<b>Total FTE's</b>	<b>25.81</b>	<b>25.81</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>25.81</b>	
<b>EXPENSES</b>								
2295 Leased Vehicles/Mileage/Fuel	0	0	0.0%	0	0	0	0	0.0%
2396 Water Meter Replace Contract	507,500	507,500	0.0%	0	0	0	507,500	0.0%
2606 Equipment Usage - City Owned	3,100	3,100	0.0%	0	0	0	3,100	0.0%
2785 Job Costing			1.6%					1.9%
5501 Watermain Repair/Replace	967,700	987,300	2.0%	0	0	0	987,300	2.0%
5502 Service Connection Repair/Replace	3,864,200	3,927,700	1.6%	0	0	0	3,927,700	1.6%
5505 Watermain Flushing	149,300	152,900	2.4%	0	0	0	152,900	2.4%
5506 Watermain Swabbing	184,700	185,700	0.5%	0	0	0	185,700	0.5%
5511 Hydrant Repair/Replace	490,600	499,100	1.7%	0	0	0	499,100	1.7%
5512 Hydrant Painting	16,300	17,000	4.3%	0	0	0	17,000	4.3%
5513 Hydrant Checking & Greasing	171,900	173,700	1.0%	0	0	0	173,700	1.0%
5514 Water Samples	171,700	173,100	0.8%	0	0	0	173,100	0.8%
5515 Locates	0	0	0.0%	0	0	0	0	0.0%
5515 Locates	399,100	406,400	1.8%	0	0	0	406,400	1.8%
5516 Preventative Mtce	167,000	167,000	0.0%	0	0	0	167,000	0.0%
5518 Water Meter Management	302,400	308,300	2.0%	0	0	0	308,300	2.0%
5510 Hydrant Installation	6,500	6,500	0.0%	0	0	0	6,500	0.0%
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	4,000	4,000	0.0%	0	0	0	4,000	0.0%
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	8,500	8,500	0.0%	0	0	0	8,500	0.0%

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**45200 Water Maintenance**

	<b>2019 Total Budget</b>	<b>2020 Base Budget</b>	<b>% Over (Under) 2019</b>	<b>2020 Growth</b>	<b>2020 Op Imp Fm Capital</b>	<b>2020 One Time</b>	<b>2020 Total Budget</b>	<b>% Over (Under) 2019</b>
Op. Impact 17S005 SE Galt 3236 Dundas St Water Gravity Sewer Ext SE Bosdale	0	0	0.0%	0	7,500	0	7,500	0.0%
Op. Impact 19S011 SE Galt 3238 Main St & Wesley Blvd Water & Sewer Instal	0	0	0.0%	0	7,500	0	7,500	0.0%
Op. Impact 20S008 Cam West 2101 Water Main Instal Blenheim Rd to Freure Dr	0	0	0.0%	0	3,300	0	3,300	0.0%
<b>Total 2785 Job Costing</b>	6,903,900	7,017,200	1.6%	0	18,300	0	7,035,500	1.9%
3250 Tipping Fees	20,000	20,000	0.0%	0	0	0	20,000	0.0%
3260 Small Tools and Supplies	23,400	23,400	0.0%	0	0	0	23,400	0.0%
3331 Electricity	3,800	4,000	5.3%	0	0	0	4,000	5.3%
<b>Total Expenses</b>	7,461,700	7,575,200	1.5%	0	18,300	0	7,593,500	1.8%
<b>REVENUE</b>								
8632 Cont frm Water Meter Replac RF	(323,000)	(331,100)	2.5%	0	0	0	(331,100)	2.5%
<b>Total Revenue</b>	(323,000)	(331,100)	2.5%	0	0	0	(331,100)	2.5%
<b>Net Expenditures</b>	7,138,700	7,244,100	1.5%	0	18,300	0	7,262,400	1.7%

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**45300 Water Billing**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time Recovered	2.30	2.30		0.00	0.00	0.00	2.30	
FTE Part Time Recovered	1.71	1.71		0.00	0.00	0.00	1.71	
<b>Total FTE's</b>	<b>4.01</b>	<b>4.01</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.01</b>	
<b>EXPENSES</b>								
2823 Licences - Software Agreement	14,500	14,500	0.0%	0	0	0	14,500	0.0%
3712 Billing & Collection	361,600	361,600	0.0%	0	0	0	361,600	0.0%
3790 Meter Readings	194,400	194,400	0.0%	0	0	0	194,400	0.0%
3800 Write Offs	50,000	50,000	0.0%	0	0	0	50,000	0.0%
3857 Cont'n to Revenue Fund	378,900	387,100	2.2%	0	0	0	387,100	2.2%
<b>Total Expenses</b>	<b>999,400</b>	<b>1,007,600</b>	<b>0.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,007,600</b>	<b>0.8%</b>
<b>REVENUE</b>								
7011 Interest on Overdue Accounts	(175,000)	(175,000)	0.0%	0	0	0	(175,000)	0.0%
7980 Water Certificates	(14,400)	(14,400)	0.0%	0	0	0	(14,400)	0.0%
7981 Final Reads	(75,000)	(75,000)	0.0%	0	0	0	(75,000)	0.0%
7982 Setup New Account	(63,800)	(63,800)	0.0%	0	0	0	(63,800)	0.0%
8352 Transfer From Sewer	(366,500)	(366,500)	0.0%	0	0	0	(366,500)	0.0%
<b>Total Revenue</b>	<b>(694,700)</b>	<b>(694,700)</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(694,700)</b>	<b>0.0%</b>
<b>Net Expenditures</b>	<b>304,700</b>	<b>312,900</b>	<b>2.7%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312,900</b>	<b>2.7%</b>

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**45910 Water Private Works**

	<b>2019 Total Budget</b>	<b>2020 Base Budget</b>	<b>% Over (Under) 2019</b>	<b>2020 Growth</b>	<b>2020 Op Imp Fm Capital</b>	<b>2020 One Time</b>	<b>2020 Total Budget</b>	<b>% Over (Under) 2019</b>
<b>FTE's</b>								
FTE Full Time	1.18	1.18		0.00	0.00	0.00	1.18	
FTE Part Time	0.48	0.48		0.00	0.00	0.00	0.48	
<b>Total FTE's</b>	<b>1.66</b>	<b>1.66</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.66</b>	
<b>EXPENSES</b>								
5990 Private Work Order Expenses	173,800	173,800	0.0%	0	0	0	173,800	0.0%
<b>Total Expenses</b>	<b>173,800</b>	<b>173,800</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173,800</b>	<b>0.0%</b>
<b>REVENUE</b>								
8990 Private Work Order Revenue	(173,800)	(173,800)	0.0%	0	0	0	(173,800)	0.0%
<b>Total Revenue</b>	<b>(173,800)</b>	<b>(173,800)</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(173,800)</b>	<b>0.0%</b>
<b>Net Expenditures</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>



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**45912 Regional Work**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	1.49	1.49		0.00	0.00	0.00	1.49	
Total FTE's	1.49	1.49		0.00	0.00	0.00	1.49	
<b>EXPENSES</b>								
5991 Regional Work Order Expenses	196,500	196,500	0.0%	0	0	0	196,500	0.0%
Total Expenses	196,500	196,500	0.0%	0	0	0	196,500	0.0%
<b>REVENUE</b>								
8991 Regional Work Order Revenue	(196,500)	(196,500)	0.0%	0	0	0	(196,500)	0.0%
Total Revenue	(196,500)	(196,500)	0.0%	0	0	0	(196,500)	0.0%
<b>Net Expenditures</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>

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**55100 Sewer Overhead**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	3.00	3.00		0.00	0.00	0.00	3.00	
FTE Full Time Recovered	11.45	11.45		0.00	0.00	0.00	11.45	
FTE Part Time Recovered	0.12	0.12		0.00	0.00	0.00	0.12	
<b>Total FTE's</b>	<b>14.57</b>	<b>14.57</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14.57</b>	
<b>EXPENSES</b>								
2001 Salaries/Wages Full Time	309,100	314,900	1.9%	0	0	0	314,900	1.9%
2031 Overtime	14,500	14,500	0.0%	0	0	0	14,500	0.0%
2032 Managers / Standby	20,100	20,100	0.0%	0	0	0	20,100	0.0%
2041 Benefits	85,000	86,200	1.4%	0	0	0	86,200	1.4%
2045 Clothing	25,000	25,000	0.0%	0	0	0	25,000	0.0%
2046 Meal Allowance	4,500	4,500	0.0%	0	0	0	4,500	0.0%
2122 Advertising - Promotion	10,000	10,000	0.0%	0	0	0	10,000	0.0%
2290 Mileage	1,000	1,000	0.0%	0	0	0	1,000	0.0%
2606 Equipment Usage - City Owned	37,100	37,100	0.0%	0	0	0	37,100	0.0%
2780 Insurance	27,300	27,300	0.0%	0	0	0	27,300	0.0%
2785 Job Costing			1.3%					1.3%
20632 Sewer Standby	52,700	53,700	1.9%	0	0	0	53,700	1.9%
29800003 On The Job Training	102,600	103,600	1.0%	0	0	0	103,600	1.0%
<b>Total 2785 Job Costing</b>	<b>155,300</b>	<b>157,300</b>	<b>1.3%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>157,300</b>	<b>1.3%</b>
2791 Lease Agreement - Railway	19,700	19,700	0.0%	0	0	0	19,700	0.0%
3290 Training & Development	33,700	33,700	0.0%	0	0	0	33,700	0.0%
3770 Prov. For Loss on Private Work	5,000	5,000	0.0%	0	0	0	5,000	0.0%
3845 Transfer to Water	366,500	366,500	0.0%	0	0	0	366,500	0.0%
3857 Cont'n to Revenue Fund	2,196,900	2,228,900	1.5%	0	0	0	2,228,900	1.5%
3926 Cont'n To Wastewtr-Cap Exp RF	3,564,700	4,000,600	12.2%	0	0	0	4,000,600	12.2%

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**55100 Sewer Overhead**

	<b>2019 Total Budget</b>	<b>2020 Base Budget</b>	<b>% Over (Under) 2019</b>	<b>2020 Growth</b>	<b>2020 Op Imp Fm Capital</b>	<b>2020 One Time</b>	<b>2020 Total Budget</b>	<b>% Over (Under) 2019</b>
3988 Contr to Wastewtr Rate Stab RF	100,000	100,000	0.0%	0	0	0	100,000	0.0%
<b>Total Expenses</b>	<b>6,975,400</b>	<b>7,452,300</b>	<b>6.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,452,300</b>	<b>6.8%</b>
<b>REVENUE</b>								
7921 Sewer Billing	(27,731,200)	(28,748,200)	3.7%	0	0	0	(28,748,200)	3.7%
7922 Sewer Billing Fixed Charges	(4,143,800)	(4,295,800)	3.7%	0	0	0	(4,295,800)	3.7%
<b>Total Revenue</b>	<b>(31,875,000)</b>	<b>(33,044,000)</b>	<b>3.7%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(33,044,000)</b>	<b>3.7%</b>
<b>Net Expenditures</b>	<b>(24,899,600)</b>	<b>(25,591,700)</b>	<b>2.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(25,591,700)</b>	<b>2.8%</b>

**The Corporation of the City of Cambridge**  
**2020 OPERATING BUDGET**

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**55200 Sewer Maintenance**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	26.88	26.88		0.00	0.00	0.00	26.88	
Total FTE's	26.88	26.88		0.00	0.00	0.00	26.88	
<b>EXPENSES</b>								
2325 Communications	27,100	27,900	3.0%	0	0	0	27,900	3.0%
2604 Minor Capital	2,000	2,000	0.0%	0	0	0	2,000	0.0%
2606 Equipment Usage - City Owned	24,100	24,100	0.0%	0	0	0	24,100	0.0%
2785 Job Costing			2.9%					5.0%
5701 Manhole Repair/Replace	402,400	409,100	1.7%	0	0	0	409,100	1.7%
5702 Mainline Repair/Replace	85,800	86,500	0.8%	0	0	0	86,500	0.8%
5703 Mainline Cleaning-Power Jetting	298,500	302,900	1.5%	0	0	0	302,900	1.5%
5705 Mainline Blockage	15,300	15,300	0.0%	0	0	0	15,300	0.0%
5706 Preventative Mtce. Inspection	348,500	355,600	2.0%	0	0	0	355,600	2.0%
5707 Lateral Repair/Replace	814,500	871,200	7.0%	0	0	0	871,200	7.0%
5708 Lateral Blockage	185,400	187,000	0.9%	0	0	0	187,000	0.9%
5709 Locates	72,800	75,100	3.2%	0	0	0	75,100	3.2%
5711 Pumping Station Mtce.	681,400	691,000	1.4%	0	0	0	691,000	1.4%
5712 Preventative Mtce.	76,900	76,900	0.0%	0	0	0	76,900	0.0%
Op. Impact 15S006 SE Galt 2102 Infra Upsize Wesley Blvd, Faith St. Dundas	2,000	2,000	0.0%	0	0	0	2,000	0.0%
Op. Impact 15X007 SE Galt 3240 Branchton Rd Wm & Sanitary Ext (South Meyers)	2,500	2,500	0.0%	0	0	0	2,500	0.0%
Op. Impact 17S005 SE Galt 3236 Dundas St Water Gravity Sewer Ext SE Bosdale	0	0	0.0%	0	3,500	0	3,500	0.0%
Op. Impact 17S012 East Side 3134 San Pump Stn Royal Oak Forecmain & Speedvill	60,000	60,000	0.0%	0	0	0	60,000	0.0%

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**55200 Sewer Maintenance**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
Op. Impact 17S013 EAST SIDE LANDS 3402 CREEKSIDE PUMPING STATION	10,000	10,000	0.0%	0	0	0	10,000	0.0%
Op. Impact 19S011 SE Galt 3238 Main St & Wesley Blvd Water & Sewer Instal	0	0	0.0%	0	4,000	0	4,000	0.0%
Op. Impact 19S012 SE Galt 3237 Dundas St PS, Forcemain & Watermain	0	0	0.0%	0	56,000	0	56,000	0.0%
<b>Total 2785 Job Costing</b>	<b>3,056,000</b>	<b>3,145,100</b>	<b>2.9%</b>	<b>0</b>	<b>63,500</b>	<b>0</b>	<b>3,208,600</b>	<b>5.0%</b>
3050 Property Taxes	43,000	44,500	3.5%	0	0	0	44,500	3.5%
3250 Tipping Fees	6,000	6,000	0.0%	0	0	0	6,000	0.0%
3260 Small Tools and Supplies	23,400	23,900	2.1%	0	0	0	23,900	2.1%
3330 Union Gas	3,300	3,400	3.0%	0	0	0	3,400	3.0%
3331 Electricity	165,200	175,200	6.1%	0	7,000	0	182,200	10.3%
3332 Water/Sewer Charges	31,100	32,900	5.8%	0	0	0	32,900	5.8%
5712 Sewer Treatment (Regional)	21,432,400	21,950,200	2.4%	0	0	0	21,950,200	2.4%
5713 Sewer Surcharge Rebates	100,000	100,000	0.0%	0	0	0	100,000	0.0%
<b>Total Expenses</b>	<b>24,913,600</b>	<b>25,535,200</b>	<b>2.5%</b>	<b>0</b>	<b>70,500</b>	<b>0</b>	<b>25,605,700</b>	<b>2.8%</b>
<b>REVENUE</b>								
7605 Mtce Pumping Station Riverside	(14,000)	(14,000)	0.0%	0	0	0	(14,000)	0.0%
<b>Total Revenue</b>	<b>(14,000)</b>	<b>(14,000)</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(14,000)</b>	<b>0.0%</b>
<b>Net Expenditures</b>	<b>24,899,600</b>	<b>25,521,200</b>	<b>2.5%</b>	<b>0</b>	<b>70,500</b>	<b>0</b>	<b>25,591,700</b>	<b>2.8%</b>

**The Corporation of the City of Cambridge  
2020 OPERATING BUDGET**

**55910 Sewer Private Works**

	2019 Total Budget	2020 Base Budget	% Over (Under) 2019	2020 Growth	2020 Op Imp Fm Capital	2020 One Time	2020 Total Budget	% Over (Under) 2019
<b>FTE's</b>								
FTE Full Time	1.12	1.12		0.00	0.00	0.00	1.12	
Total FTE's	1.12	1.12		0.00	0.00	0.00	1.12	
<b>EXPENSES</b>								
5990 Private Work Order Expenses	191,300	191,300	0.0%	0	0	0	191,300	0.0%
Total Expenses	191,300	191,300	0.0%	0	0	0	191,300	0.0%
<b>REVENUE</b>								
8990 Private Work Order Revenue	(191,300)	(191,300)	0.0%	0	0	0	(191,300)	0.0%
Total Revenue	(191,300)	(191,300)	0.0%	0	0	0	(191,300)	0.0%
<b>Net Expenditures</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>