

<b>TO:</b>	<b>CHAIR AND MEMBERS CORPORATE SERVICES COMMITTEE MEETING ON MAY 11, 2020</b>
<b>FROM:</b>	<b>ANNA LISA BARBON MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER</b>
<b>SUBJECT:</b>	<b>2019 YEAR-END CAPITAL MONITORING REPORT</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Managing Director, Corporate Services and City Treasurer, Chief Financial Officer:

- a) the 2019 Year-End Capital Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$1.9 billion with \$1.3 billion committed and \$0.6 billion uncommitted; it being further noted that the City Treasurer, or designate, will undertake the housekeeping adjustments identified in the Report, in accordance with the Multi-Year Budget Policy adopted by By-law No. CPOL.-45-241;
- b) the status updates of active 2016 life-to-date capital budgets (2016 and prior) having no future budget requests, attached as Appendix "B", **BE RECEIVED** for information;
- c) the following source of financing adjustments **BE APPROVED** based on Civic Administration's ongoing monitoring of the capital budgets, it being noted that these budget adjustments result in one-time pay-as-you-go funding savings of \$422.5 thousand to mitigate the financial impacts identified in the Strategic Priorities and Policy Committee, April 28, 2020 report - COVID-19 Financial Impacts and Additional Measures for Community Relief:
  - i) GGINFRA – Infrastructure-ITS, \$172,539 of pay-as-you-go funding **BE TRANSFERRED** to capital receipts and **BE SUBSTITUTED** with Information Technology Reserve Fund funding;
  - ii) PD1146 – Development Management Tracking System Upgrade, \$150,000 of pay-as-you-go funding **BE TRANSFERRED** to capital receipts and **BE SUBSTITUTED** with Efficiency, Effectiveness and Economy Reserve funding;
  - iii) PD1215 – Back To The River, \$100,000 of pay-as-you-go funding **BE TRANSFERRED** to capital receipts and **BE SUBSTITUTED** with Economic Development Reserve Fund funding;
- d) the following actions be taken with respect to the completed capital projects identified in Appendix "C", which have a total of \$6.8 million of net surplus funding:
  - i) the capital projects included in Appendix "C" **BE CLOSED**;
  - ii) the following actions be taken with respect to the funding associated with the capital projects approved for closure in d) i), above:

Rate Supported

- A) pay-as-you-go funding of \$23,794 **BE TRANSFERRED** to capital receipts;
- B) authorized debt financing of \$241,675 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- C) uncommitted reserve fund drawdowns of \$2,869,062 **BE RELEASED** from the reserve funds which originally funded the projects;

Non-Rate Supported

- D) uncommitted reserve fund drawdowns of \$2,440,165 **BE RELEASED** from the reserve funds which originally funded the projects;
- E) authorized debt financing of \$729,820 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- F) other net non-rate supported funding sources of \$466,870 **BE ADJUSTED** in order to facilitate project closings.

## PREVIOUS REPORTS PERTINENT TO THIS MATTER

Strategic Priorities and Policy Committee, October 28, 2019 meeting, Agenda Item # 2.3, Investing In Canada Infrastructure Stream Approved Projects  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=68271>

Corporate Services Committee, September 24, 2019 meeting, Agenda Item # 2.2, 2019 Mid-Year Capital Monitoring Report  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=67215>

Strategic Priorities and Policy Committee, August 26, 2019 meeting, Agenda Item #4.3, 2019 Corporate Asset Management Plan  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=66549>

Corporate Services Committee, July 23, 2019 meeting, Agenda Item # 2.1, 2019 Development Charges Capital Budget Adjustments Report  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=65855>

Strategic Priorities and Policy Committee, May 6, 2019 meeting, Agenda Item # 2.3, Approval Of The 2019 Development Charges By-law And Background Study  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=62406>

Corporate Services Committee, April 16, 2019 meeting, Agenda Item # 2.3, 2018 Compliance Report In Accordance With The Procurement of Goods and Services Policy  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=61240>

Strategic Priorities and Policy Committee, March 4, 2019 meeting, Agenda Item # 2.1, 2019 Assessment Growth Funding Allocation  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=58253>

Strategic Priorities and Policy Committee, May 15, 2017 meeting, Agenda # 3, Council Policy Manual Review (Capital Budget and Financing Policy)  
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=31570>

## LINK TO 2019-2023 STRATEGIC PLAN

Council's 2019-2023 Strategic Plan for the City of London identifies "Leading in Public Service" as one of five strategic areas of focus. The Capital Monitoring Report supports this strategic area of focus via the strategic priority "The City of London is a leader in public service as an employer, a steward of public funds, and an innovator of service" which includes maintaining London's finances in a transparent and well-planned manner to balance equity and affordability over the long term.

## BACKGROUND

Strong financial management of the capital budget is essential to ensure the budget monitoring processes that are in place demonstrate Civic Administration is providing Council and the community with appropriate information that can be used to promote accountability and transparency, enhance operational effectiveness and promote citizen confidence. To achieve this objective, this report will address the life-to-date capital budget, including capital projects recommended to be closed, key financing strategies and emerging issues that may impact the 2019-2028 capital plan. In addition, the report includes an appendix containing the status of capital projects with budgets greater than three years old that have no future budget requests. This will improve transparency and help Council and the community understand the status of specific capital projects that would be targeted as a high likelihood for project closure.

Within this report the terms "rate supported" and "non-rate supported" are used when referring to the sources of financing that support the City's capital budget. Rate supported refers to property tax and water and wastewater rate sources of financing (e.g. capital levy, water rates, reserve funds, debt). Non-rate supported refers to sources of financing primarily supported by development charges and in some cases contributions from parties external to the Corporation of the City of London.

## 2019 LIFE-TO-DATE CAPITAL BUDGET ACTIVITY AND REVISIONS

After Council approves the capital budget, as the year progresses, reports are presented to Council to approve major contract awards to proceed with capital projects. Each report includes a Source of Financing (SofF). Most awards are within the approved capital budget, but some awards require revisions or adjustments to the capital budget, as detailed in the SofF.

Other capital project awards can proceed with Administrative approval according to the Procurement of Goods and Services Policy. Details on these approvals are provided in an annual report from the Purchasing and Supply Division. Budget adjustments may also result from the application of assessment growth funding, receipt of senior government funding and other revenue sources such as insurance proceeds and private drain connections.

Table 1 summarizes 2019 life-to-date budget adjustments by Tax Supported, Wastewater & Treatment and Water budgets; it being noted that the Council approved budget adjustments are less than usual due to the approved realignment of the Rapid Transit capital budget. Appendix "A" provides details on the source of these adjustments.

**Table 1 – 2019 Capital Budget Life-To-Date Revisions as of December 31, 2019 (\$000's)**

Category	2019 Life-to-Date Approved Budget (as of Jan 1, 2019)	2019 Budget Adjustments		2019 Life-to-Date Approved Budget (as of Dec 31, 2019)
		Council <sup>1</sup>	Administrative	
Tax Supported	\$1,092,372	(\$2,379)	\$2,916	\$1,092,909
Wastewater	\$553,908	49,258	(139)	603,027
Water	\$236,991	692	0	237,683
<b>Total</b>	<b>\$1,883,271</b>	<b>\$47,571</b>	<b>\$2,777</b>	<b>\$1,933,619</b>

\* Amounts subject to rounding.

(1) The negative amount reported under the Council approved budget adjustments column is primarily due to Council approved Rapid Transit capital budget realignments.

(2) The negative amount reported under the Administrative approved budget adjustments column is due to budget adjustments for other contributions to wastewater & treatment capital projects.

In 2019 there were 171 discrete contract awards worth \$189.0 million (99 were awarded by Council and 72 were awarded administratively). Table 2 summarizes 2019 contract awards by Tax Supported, Wastewater & Treatment and Water. Appendix "A" provides details on all Council awards.

**Table 2 - Contract Awards 2019 Life-To-Date as of December 31, 2019 (\$000's)**

Category	Council Approved Contract Awards		Administration Approved Contract Awards		Total Awards	
	\$ Amount	Number	\$ Amount	Number	\$ Amount	Number
Tax Supported	\$65,439		\$23,787		\$89,226	
Wastewater	67,609		8,730		76,339	
Water	19,522		3,877		23,399	
<b>Total</b>	<b>\$152,570</b>	<b>99</b>	<b>\$36,394</b>	<b>72</b>	<b>\$188,964</b>	<b>171</b>

\* Amounts subject to rounding.

## 2019 LIFE-TO-DATE CAPITAL BUDGET STATUS

A summary of the 2019 life-to-date capital budget, including the committed and uncommitted amounts is summarized in Table 3. This information is essential for budget monitoring to ensure that spending is being managed within the approved budget.

**Table 3 - 2019 Approved Life-To-Date Capital Budget & Activity (\$000's)**

Category	2019 Life-To-Date (as of Dec 31, 2019)			Percent Committed
	Approved Budget <sup>1</sup>	Actuals & Commitments (Purchase Orders) <sup>2</sup>	Uncommitted To-Date <sup>2</sup>	
<b>TAX SUPPORTED</b>				
Lifecycle Renewal	388,660	290,283	98,378	74.7%
Growth	455,599	249,511	206,088	54.8%
Service Improvement	248,649	201,937	46,712	81.2%
<b>TOTAL TAX SUPPORTED</b>	<b>1,092,909</b>	<b>741,731</b>	<b>351,178</b>	<b>67.9%</b>
<b>WASTEWATER</b>				
Lifecycle Renewal	151,325	113,757	37,568	75.2%
Growth	308,062	157,518	150,544	51.1%
Service Improvement	143,640	96,000	47,640	66.8%
<b>TOTAL WASTEWATER</b>	<b>603,027</b>	<b>367,276</b>	<b>235,752</b>	<b>60.9%</b>
<b>WATER</b>				
Lifecycle Renewal	156,718	116,848	39,870	74.6%
Growth	72,519	59,713	12,807	82.3%
Service Improvement	8,446	4,465	3,981	52.9%
<b>TOTAL WATER</b>	<b>237,683</b>	<b>181,025</b>	<b>56,657</b>	<b>76.2%</b>
<b>GRAND TOTAL</b>	<b>1,933,619</b>	<b>1,290,032</b>	<b>643,587</b>	
<b>% of Total</b>		<b>66.7%</b>	<b>33.3%</b>	

\* Amounts reported are subject to rounding, year-end audit and associated adjustments.

(1) Totals are for active projects only. Projects approved to be closed during the course of the year are deducted from this table.

(2) Once a capital project has an approved budget, spending or commitments may not be made for several years, for example, longer term projects like multi-purpose recreation centres.

After a review of all active capital projects (excluding projects recommended to be closed as identified in Appendix "C"), it has been determined that there are no projects, projected at this time, to be over budget by more than \$50 thousand upon project completion.

Appendix "B" contains a status update for capital projects with budgets greater than three years old (active 2016 life-to-date capital budgets (2016 and prior)) that have no future budget requirements/activity. Appendix "B" provides the status of specific active capital projects that would be targeted as a high likelihood for project closure, it being noted that projects recommended to be closed are contained in Appendix "C".

## PROPOSED SOURCE OF FINANCING ADJUSTMENTS

At the Strategic Priorities and Policy Committee meeting on April 28, 2020, Council received the COVID-19 Financial Impacts and Additional Measures for Community Relief report outlining the significant fiscal challenges facing the City as a result of the pandemic.

With these significant financial challenges in mind, as part of the 2019 year-end capital monitoring process, an additional review was undertaken to identify potential one-time, tax supported, source of financing adjustments in life-to-date capital projects contained in appendix B that could potentially help alleviate the anticipated pressure on the City's 2020 budget. From this review Civic Administration is recommending the following one-time source of financing adjustments that total \$422.5 thousand:

- i) GGINFRA – Infrastructure-ITS, \$172,539 of pay-as-you-go funding to be substituted with Information Technology Reserve Fund funding;
- ii) PD1146 – Development Management Tracking System Upgrade, \$150,000 of pay-as-you-go funding to be substituted with Efficiency, Effectiveness and Economy Reserve funding;
- iii) PD1215 – Back To The River, \$100,000 of pay-as-you-go funding to be substituted with Economic Development Reserve Fund funding. This is the old life-to-date project that established the base budget to fund the first stage of the environmental assessment. It does not include the deferred business case from the 2020-2023 MYB;

The recommended source of financing adjustments above take into account the financial health of each reserve or reserve fund balance and associated targets as well as the intended purpose of the fund.

If approved, the savings created by these source of financing adjustments will be utilized to reduce the 2020 operating budget expenditure line for pay-as-you-go (capital levy) funding resulting in a modest amount of additional capacity to deal with financial impacts linked to COVID-19. Civic Administration will also continue to review the approved capital plan for other potential source of financing adjustment opportunities, which will be included in the 2020 Mid-Year Capital Budget Monitoring Report if necessary.

## CAPITAL BUDGET HOUSEKEEPING ADJUSTMENTS

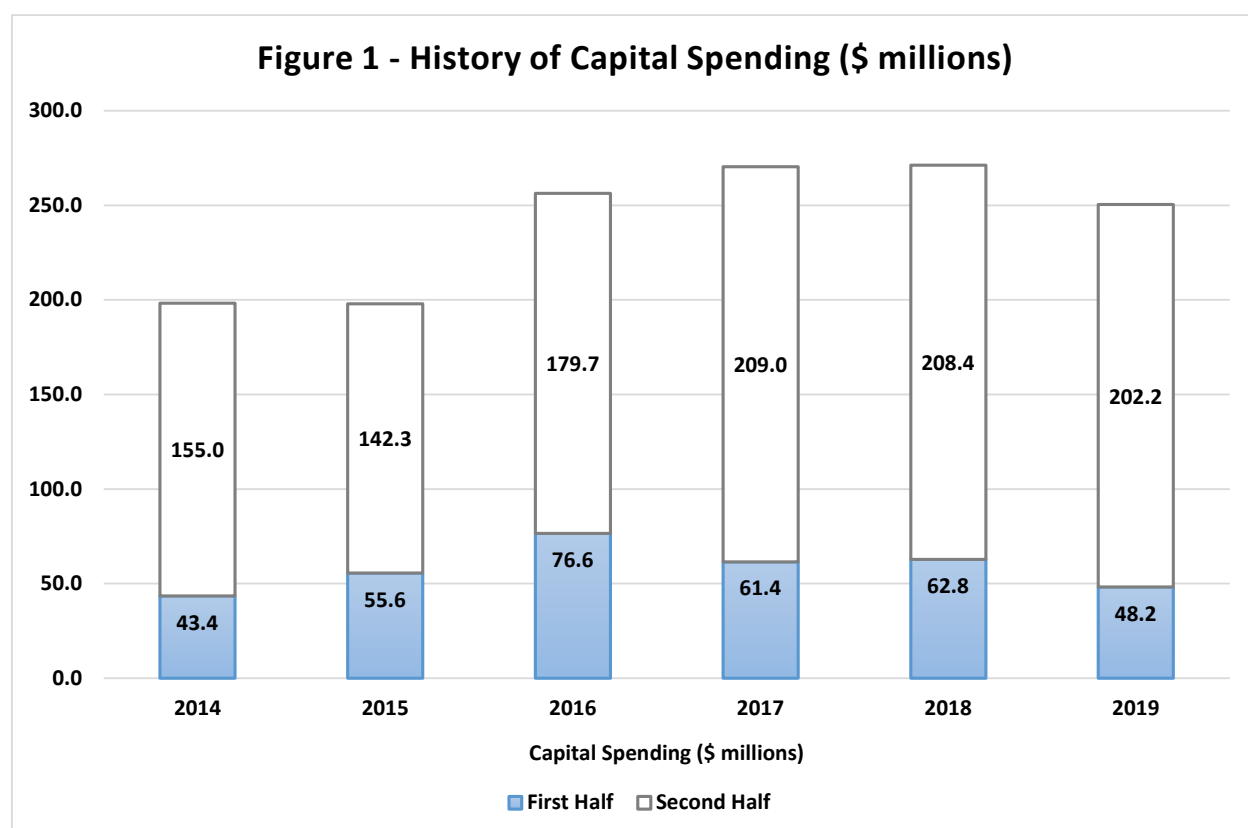
On May 12, 2015, Council approved a Multi-Year Budget Policy. Included in the policy is authorization for the City Treasurer or designate to make adjustments considered “housekeeping” in nature. These adjustments do not have a material impact on the capital plan. Reporting housekeeping budget adjustments of significance through the budget monitoring process, which occurs twice per year, allows more timely disclosure of capital budget adjustments to Council and the community, better reflects operational requirements and keeps the capital budget in a more current state. There are no significant housekeeping budget adjustments to report for the second half of 2019.

## CAPITAL CASH FLOW

Capital spending in a given year is not the same as the capital budget for that year. Spending on capital projects can extend several years after the budget is approved by Council. Spending within a given year is therefore a layering of several capital projects approved in various years and at various stages.

In any given year, total capital spending tends to be greater during the latter part of the year as construction invoices are received, approved and paid. As of December 31, 2019 **total capital spending was \$250.4 million** compared to \$271.2 million in 2018 (Figure 1). This variance relates to the cyclical nature of capital spending that is continuously monitored to gauge potential short and long term cash flow impacts. Civic Administration has identified capital projects in various states of planning or nearing completion that contributed to this result. These amounts represent capital spending for the Tax Supported Budget, Wastewater & Treatment Rate Supported Budget and Water Rate Supported Budget.

This information is important for the timing of debt issuances, reserve fund drawdowns and cash flow management decisions.



## COMPLETED (CLOSED) CAPITAL PROJECTS

Civic Administration continues to undertake and intensify a review to close old outstanding projects. This report recommends closing 145 projects with a total budget value of \$186.6 million. The completed projects that are being recommended to be closed were under budget by \$6.8 million in total. The impact of closing the recommended completed projects is summarized in Table 5. For a detailed listing of each completed capital project refer to Appendix “C”.

**Table 5 – Net Impact of Completed Capital Projects – Surplus / (Deficit) (\$000’s)**

Category	Tax/Rate Supported			Non-Rate Supported			Total
	Capital Levy	Debt	Reserve Funds	Reserve Funds <sup>1</sup>	Debt <sup>1</sup>	Other <sup>2</sup>	
Tax Supported	23.8	211.9	325.4	507.9	0.0	27.7	1,096.7
Wastewater	0.0	29.8	979.0	1,708.4	729.8	438.8	3,885.8
Water	0.0	0.0	1,564.7	223.8	0.0	0.4	1,788.9
<b>TOTAL</b>	<b>23.8</b>	<b>241.7</b>	<b>2,869.1</b>	<b>2,440.1</b>	<b>729.8</b>	<b>466.9</b>	<b>6,771.4</b>

\*Amounts subject to rounding.

(1) Non-rate supported reserve funds / debt primarily supported by Development Charges.

(2) Represents non-City funding sources such as proceeds from external contributors.

The capital closing exercise released uncommitted reserve fund drawdowns of \$5.3 million to the reserve funds outlined in Table 6.

**Table 6 - Reserve Funds Impacted by Recommended Account Closing (\$000’s)**

Tax/Rate Supported		Non-Rate Supported	
Water Capital Reserve Fund	1,564.7	CSRF Wastewater & Treatment	892.4
Wastewater Capital Reserve Fund	979.0	CSRF Growth Studies	855.5
RBC Place London Reserve Fund	283.9	CSRF Roads	347.9
City Facilities Reserve Fund	0.4	CSRF Storm Water Management	249.4
Public Art Maintenance Reserve Fund	45.8	Federal Gas Tax Reserve Fund	80.0
Woodland Management & Acquisition Reserve Fun	(0.5)	CSRF Parks & Recreations	14.9
City Vehicle & Equipment Reserve Fund	(4.2)		
<b>Subtotal Tax/Rate Supported</b>	<b>2,869.1</b>	<b>Subtotal Non-Rate Supported</b>	<b>2,440.1</b>
<b>Total All Reserves &amp; Reserve Funds</b>		<b>5,309.2</b>	

\*Amounts subject to rounding.

## CAPITAL BUDGET FINANCING STRATEGIES – CAPITAL LEVY

The overarching capital financing strategy for capital levy, also referred to as pay-as-you-go financing, is to first apply this funding source to lifecycle renewal capital budgets as the purpose of projects in this classification is to maintain existing infrastructure. Administrative targets have been established, consistent with the overarching strategy and Council approved Capital Budget and Financing Policy, as follows:

STRATEGY	TARGET <sup>1</sup>	WHERE ARE WE? <sup>1</sup>	
<b>LIFECYCLE CAPITAL PROJECTS FUNDED PRIMARILY FROM CAPITAL LEVY</b>			
		<b>2019</b>	<b>2022</b>
Capital levy (pay-as-you-go) is the primary source	40% - 90% Capital Levy (pay-as-you-go)	68%	60%
Reserve funds can be used if they are eligible	10% - 40% Reserve Funds	32%	40%
Avoiding the use of debt financing for lifecycle renewal projects	0% Debt by 2022	0% <sup>2</sup>	0%

(1) Targets apply to the tax/rate supported component only. Non-tax/rate funding (e.g. Federal gas tax, one-time senior government funding) fluctuates based on project mix and program guidelines, beyond the control of Civic Administration.

(2) While the 2019 result indicates the City has met its lifecycle renewal debt target, the 2020-2023 Multi-Year Budget includes minimal lifecycle renewal debt financing in the years 2020 and 2021 before officially meeting the target in 2022.

## CAPITAL BUDGET FINANCING STRATEGIES – RESERVE FUNDS

Discretionary reserve funds are primarily used as a source of financing for lifecycle renewal and service improvement projects where appropriate reserve funds and sufficient balances exist. Obligatory reserve funds are primarily used as a source of financing for growth projects.

Obligatory and discretionary reserve funds are categorized as follows:

### OBLIGATORY

- 1) **City Services Development Charges (DC)** – dictated by the DC by-law
- 2) **Parkland** – cash-in-lieu of parkland dedication through the Parkland Conveyance and Levy By-law (CP-9) according to the Planning Act (Section 51.1)
- 3) **Federal Gas Tax** – funds received under the Municipal Funding Agreement for Transfer of Federal Gas Tax Revenues

### DISCRETIONARY

- 1) **Capital Asset Renewal and Replacement** – to support renewal and replacement of existing assets
- 2) **Capital Asset Growth** – to support Development Charges incentive programs and Industrial Land Development Strategy
- 3) **Specific Projects and New Initiatives** – to support specific planned projects (e.g. economic development, affordable housing, community improvement grants and loans)
- 4) **Contingencies/Stabilization and Risk Management** – to provide contingency funding for specific risk areas

Obligatory and discretionary reserve funds are controlled by municipal by-laws and the City's Reserve and Reserve Fund Policy.

## **RESERVES & RESERVE FUNDS – NOTEWORTHY DEVELOPMENTS**

### **Capital Asset Renewal and Replacement Reserve Fund Report**

Civic Administration presented the Reserve Rationalization Report at the September 25, 2018, Corporate Services Committee meeting (agenda item #2.2). This report aligned the City's reserves portfolio with the Council approved Reserve and Reserve Fund Policy. The recommendations of that report established target balances for each reserve and created administrative efficiencies by condensing the number, and standardizing the structure, of the City's reserve portfolio.

Civic Administration is undertaking a similar exercise focusing on the City's capital asset renewal and replacement (CARR) reserve funds. These reserve funds help address the City's infrastructure gap and are a significant source of financing for the capital budget. The City's cumulative 10 year infrastructure gap currently stands at \$568.8 million; the analysis done to arrive at this figure considered the balances available in the City's CARR reserve funds that could help address the gap. The recently approved 2020-2023 Multi-Year Budget (Strategic Priorities and Policies Committee, February 14, 2020 meeting, agenda item # 4.1 to 4.17) and 2019 Corporate Asset Management Plan (Strategic Priorities and Policies Committee, August 26, 2019 meeting, agenda item #4.3) will be incorporated into the analysis of the CARR reserve funds and ultimately the recommendations included in the CARR reserve fund report. This report is tentatively scheduled for completion in the summer of 2020.

## **CAPITAL BUDGET FINANCING STRATEGIES – DEBT**

A summary of the projected debt levels for 2019 is detailed in Table 7.

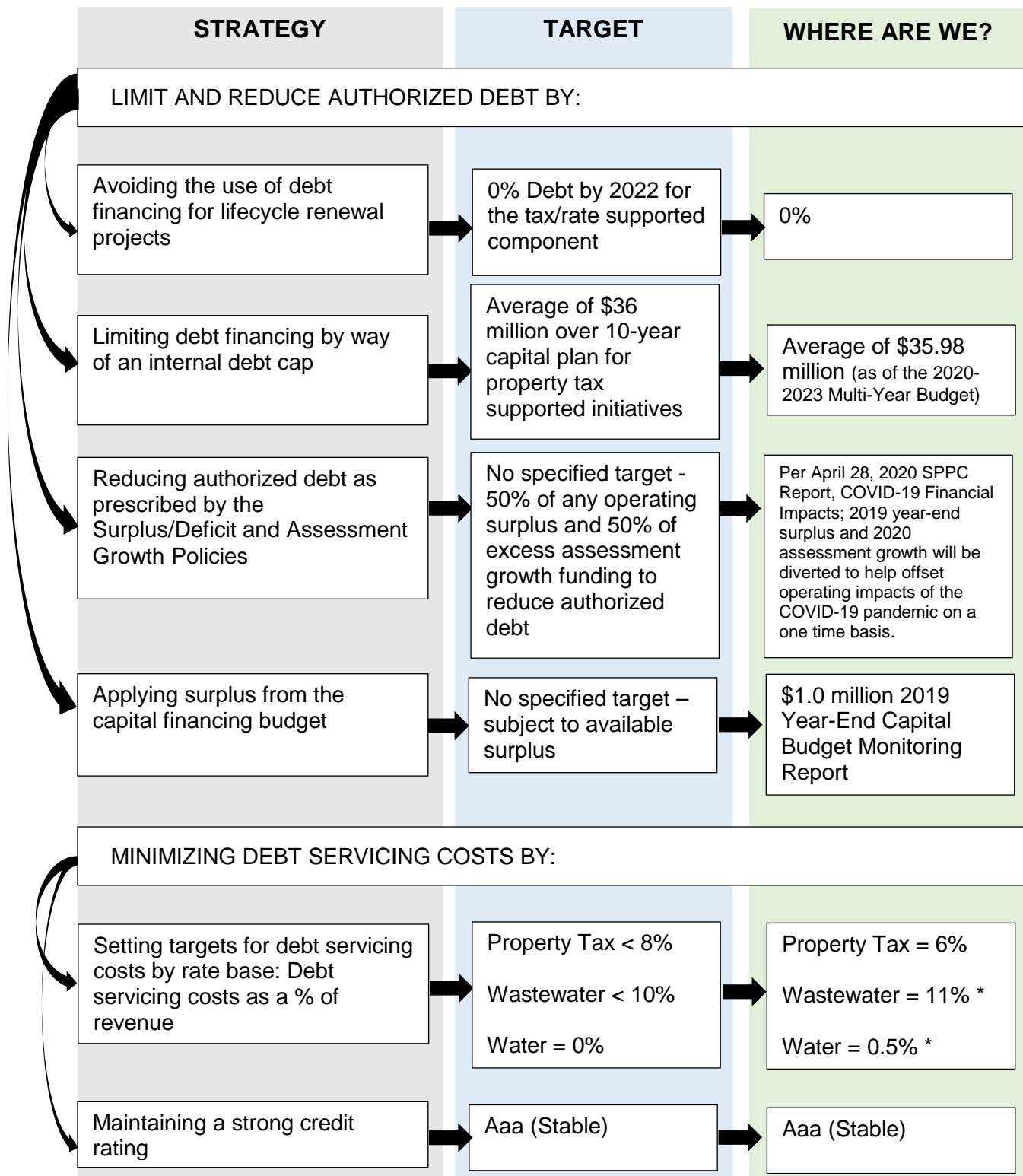
**Table 7 – 2019 Debt Level as of December 31, 2019 (\$ millions)**

<b>Debt Level for 2019 (\$ millions)</b>						
<b>Category</b>	<b>Dec 31, 2018</b>	<b>Issued in 2019</b>	<b>Retired in 2019</b>	<b>Dec 31, 2019 <sup>(1)</sup></b>	<b>Authorized 2019</b>	<b>Total Potential</b>
General Property Taxes	163.4	22.8	30.4	155.8	84.6	240.4
Wastewater	50.3	-	8.7	41.7	3.8	45.4
Water	1.2	-	0.3	0.9	-	0.9
Rate Supported Reserve Funds	14.6	-	4.3	10.2	2.9	13.1
<b>Subtotal</b>	<b>229.5</b>	<b>22.8</b>	<b>43.7</b>	<b>208.6</b>	<b>91.2</b>	<b>299.8</b>
Joint Water Boards - City's Share	14.4	-	2.2	12.3	2.5	14.7
City Services Reserve Funds	61.0	26.6	8.0	79.6	113.5	193.1
<b>Total Debt Level</b>	<b>305.0</b>	<b>49.4</b>	<b>53.9</b>	<b>300.5</b>	<b>207.2</b>	<b>507.7</b>

(1) Outstanding debt level is subject to completion of 2019 financial statement audit.  
Amounts are subject to rounding.



The City's Debt Management Policy was approved by Council on June 26, 2018 (last review date was May 10, 2019). The policy establishes strategies for the management of the City's debt program. These strategies are outlined below.



\*The debt servicing costs as a percent of revenue in both the Wastewater & Treatment and Water budgets are temporarily over established targets, however, this variance has been eliminated for each year within the Council approved 2020-2023 Multi-Year Budget period.

## EMERGING ISSUES

Table 8 below provides information on emerging issues that may impact the capital budget in 2020 and beyond.

**Table 8 – Emerging Capital Budget Issues**

Emerging Issue Description	Likelihood of Impact on 2020 - 2023 Budget <sup>(1)</sup>
<b>Property Tax</b>	
<p><b>COVID-19 Pandemic</b></p> <p>In light of the anticipated financial impacts of the pandemic as well as the significant disruptions to construction plans caused by social distancing measures, Civic Administration is reviewing approved 2020 capital projects to determine which projects can be deferred beyond this year with minimal adverse community impacts, being mindful of the important recovery role that construction projects can play. In particular, the focus will be on projects that are funded by capital levy (pay-as-you-go financing) and are unable or unlikely to proceed in 2020. By deferring these projects, the capital levy funding will not be required on a one-time basis in 2020 and will be used to offset the additional costs and lost revenues associated with the pandemic.</p> <p>Concurrently, Civic Administration is reviewing all reserve funds with tax supported contributions to identify those with the ability to absorb a one-year reduction to the contribution, once again to partially offset the additional costs and lost revenues highlighted in this report.</p>	<b>High</b>
<p><b>Infrastructure Funding</b></p> <p>In early 2019, the federal government announced the Investing in Canada Infrastructure Program (ICIP), a cost-shared infrastructure funding program between the federal government, provinces and territories, and municipalities and other recipients. This program included two streams applicable for the City of London: 1) the Public Transit Infrastructure Stream (PTIS), and 2) the Community, Culture and Recreation Stream.</p> <p><u>Public Transit Infrastructure Stream (PTIS)</u></p> <p>As the City of London initially developed its Rapid Transit business case, prior to the ICIP, the federal and provincial governments allocated a total of \$376 million to London to support the \$500 million plan.</p> <p>In response to the announcement of the ICIP-PTIS program, the City of London submitted ten transit projects, including three of the five corridors included in the Rapid Transit business case, for funding. On June 25, 2019, the Government of Ontario approved \$103.1 million to support these projects, followed by approval for \$123.8 million from the Government of Canada on August 23, 2019. When combined with the City of London's contribution, these projects total \$375 million of investment that will be made in the London community. The balance of funding, approximately \$148 million, will come from municipal and other sources.</p> <p>These ten projects are reflected in the 2020–2029 Capital Plan:</p> <ol style="list-style-type: none"> <li>1. Downtown Loop (RTDOWNTOWN)</li> <li>2. East London Link (RTEAST)</li> <li>3. Wellington Gateway (RTSOUTH)</li> <li>4. Expansion Buses (MU1176)</li> <li>5. Bus Stop Amenities (MU1438)</li> <li>6. Intelligent Traffic Signals (TIMMS)</li> <li>7. Adelaide Street Underpass Active Transportation Connections (TS1306)</li> <li>8. Dundas Place Thames Valley Parkway Active Transportation Connection (TS1748)</li> <li>9. Dundas Street Old East Village Streetscape Improvements (TS1749)</li> <li>10. Oxford Street / Wharncliffe Road Intersection Improvements (TS1333)</li> </ol>	<b>High</b>

<p>Many of the projects, all part of the City's Transportation Master Plan, are shovel-ready and construction will begin on some projects in 2020.</p> <p>The remaining two Rapid Transit corridors, although not yet submitted for funding, are included in the 2020-2023 Multi-Year Capital Budget and associated forecasts in order to align with the approved 2019 Development Charges Background Study, noting that these projects still require Council approval to proceed. They require \$119.3 million of federal and provincial funding. Approximately \$151 million of the original \$376 million of other government funding allocated to London remains available to support future discussions regarding all transit projects that would meet the ICIP-PTIS program requirements.</p> <p><u>Community, Culture and Recreation Stream</u></p> <p>This stream supports community infrastructure priorities across the province. The application process opened on September 3, 2019 and within days, the City of London submitted applications for seven projects totalling \$54.6 million, with \$40.0 million requested to come from the federal and provincial governments. These projects were consistent with needs identified in the recently adopted Parks and Recreation Master Plan and the Corporate Asset Management Plan. Successful applicants are to be notified in the summer of 2020, at which time updates to the City's 2020-2029 Capital Plan may be required.</p>	
<p><b>Federal Gas Tax</b></p> <p>On March 27, 2019, the Federal Government confirmed a one-time transfer of \$2.2 billion through the Federal Gas Tax program to address municipal infrastructure deficits, doubling the Federal Government's commitment to municipalities in 2019–20. In July 2019, the City of London received \$23.3 million in Federal Gas Tax from this one-time transfer.</p> <p>As noted in the 2020-2023 Multi-Year Budget, this one-time funding has been allocated to the following important capital projects: Greenway Organic Rankine Equipment Installation (\$4.5 million – 2019); Victoria Bridge Replacement (\$8.0 million – 2022); Replacement Buses (\$8.9 million – 2020-2023); Road Networks (\$0.8 million – 2022-2023); and Bridges Upgrades (\$1.1 million – 2021-2023).</p> <p>The Association of Municipalities of Ontario is working with the Federal Government to encourage them to make the doubling of the Federal Gas Tax program permanent.</p>	<b>High</b>
<p><b>Bill 108, More Homes, More Choice Act</b></p> <p>The introduction of Bill 108, More Homes, More Choice Act, 2019, was poised to have a substantial impact on the City's growth capital plan, including the sources of funding available to implement growth capital projects. The City was undertaking efforts to update the 2019 Development Charges (DC) Background Study in accordance with Bill 108.</p> <p>On February 28, 2020, the Provincial government released a regulatory proposal for public feedback that significantly reduces the impact of Bill 108 on the City's ability to collect development charges on certain community services such as public libraries, long-term care, public health, park developments (excluding land) and recreational facilities. This proposal would require far fewer changes to the 2019 DC Background Study, but the update with a reduced scope will still be required.</p>	<b>High</b>

<p><b>Corporate Asset Management Plan</b></p> <p>On August 27, 2019 Municipal Council approved the 2019 Corporate Asset Management Plan (AMP), an update on the 2014 AMP, which is compliant with O.Reg 588/17 for directly owned City assets. The 2019 Corporate AMP shows that the City of London owns and maintains assets with a replacement value of approximately \$20.1 billion and that the City manages its infrastructure to keep it in generally 'Good' condition. The City's current infrastructure gap is approximately \$168 million and it is forecasted to grow to roughly \$568.8 million over the ten year AMP period (2018-2027).</p> <p>In order to address the infrastructure gap, Municipal Council approved additional funding for the Capital Infrastructure Gap Reserve Fund through the 2020-2023 Multi-Year Budget. The City will also address the gap through different financial strategies, including: pursuing funding from external sources; continuously updating the Water and Wastewater 20 Year Financial Plans; incorporating reinvestment rate concepts through assessment growth; and, continuing to utilize one-time funding where available.</p>	<p><b>High</b></p>
<p><b>Wastewater &amp; Water</b></p>	
<p><b>Federal/Provincial Funding (Wastewater)</b></p> <p>The first phase of several projects were completed with funding from federal/provincial programs. There is a risk that the subsequent phases of this previously announced funding will not materialize. This could leave the future phases of several major infrastructure projects incomplete and inoperative. One major example is the pumping station required for the Vauxhall/Pottersburg interconnection.</p> <p>To mitigate this issue, City staff are monitoring the situation with other levels of government and lobbying on behalf of these funding programs while also looking for other available grant programs to help offset future costs.</p>	<p><b>High</b></p>
<p><b>Canada-Ontario Lake Erie Action Plan (Wastewater)</b></p> <p>The Great Lakes Water Quality Agreement requires the United States and Canada to reduce phosphorus levels that contribute to algal blooms in Lake Erie by 40% by 2025, based on levels measured in 2008. The Thames River Watershed has been identified as a priority watershed. The final Canada-Ontario Lake Erie Action Plan was issued by the Federal government in February 2018. The plan includes a series of specific actions to be undertaken by the City of London that were endorsed by Council in Q4-2017. These actions are dependent on federal and provincial funding to proceed.</p>	<p><b>Medium</b></p>

(1) Definition of Likelihood:

High – likelihood of the issue impacting the 2020-2023 period is predicted to be greater than 60%.

Medium – likelihood of the issue impacting the 2020-2023 period is predicted to be between 30% and 60%.

Low – likelihood of the issue impacting the 2020-2023 period is predicted to be less than 30%.

<b>CONCLUSION</b>
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Key items included in the 2019 Year-End Capital Monitoring Report include the following:

- The 2019 life-to-date capital budget:
  - \$1,290.0 million (66.7%) of the \$1,933.6 million 2019 life-to-date capital budget is committed, leaving \$643.6 million (33.3%) of approved capital funding uncommitted.
  - A status update for active 2016 life-to-date capital budgets (2016 and prior) that have no future budget requests is provided in Appendix “B”.
- Three one-time source of financing adjustments resulting in pay-as-you-go funding adjustments of \$422.5 thousand to mitigate the financial impacts identified in the Strategic Priorities and Policy Committee, April 28, 2020 report - COVID-19 Financial Impacts and Additional Measures for Community Relief.
- A total of 145 completed capital projects with a total budget value of \$186.6 million and surplus of \$6.8 million are recommended to be closed with surplus funding returned to the original source of funding (Appendix “C”).
- Emerging issues were identified that may impact the capital budget in the 2020 – 2023 period. Civic Administration will continue to monitor these issues and report back to Council and the community in a timely manner.

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Cc: Ian Collins – Director, Financial Services  
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 John Millson – Senior Financial Business Administrator

**Appendix A - 2019 Capital Budget Activity (Life-To-Date December 31, 2019)**

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
<b>Council Awards</b>					
19001	22-Jan	Transportation Services	Appointment of Consulting Engineers - Adelaide Street North/Canadian Pacific Railway Grade Separation	2,482,755	
19002	22-Jan	Parks, Recreation & Neighbourhood Services	Consultant Services for Foxfield Park Development	181,372	
19003	8-Jan	Water	Appointment of Consulting Engineers - Replacement/Relocation of Watermain on Pond Mills Road to Facilitate future Highway 401 Overpass at Pond Mills Road Structure Expansion	110,341	
19004	8-Jan	Wastewater & Treatment	Greenway Sludge Tank Mixing System Pre-Purchase	249,906	
19006	22-Jan	Transportation Services	Property Purchase - Bus Rapid Transit Project	288,240	
19007	22-Jan	Transportation Services	Property Purchase - Bus Rapid Transit Project	220,659	
19008	8-Feb	Water	Large Diameter Watermain Inspection	1,647,729	
19009	5-Feb	Transportation Services	Environmental Assessment and Design Services - Dingman Drive East of Wellington Road to Highway 401 and Area Intersections	438,914	388,200
19010	19-Feb	Wastewater & Treatment	Stormwater Management Facility (SWM) Land Acquisition Agreement	626,219	
19011	5-Feb	Transportation Services	Property Purchase - Bus Rapid Transit Project	302,709	
19012	20-Feb	Water	Sole Source Award - Acoustic Fiber Optic Monitoring Contract	153,578	
19013	20-Feb	Wastewater & Treatment	Infrastructure Renewal Program - Cavendish Crescent and Mount Pleasant Avenue Phase 2 Reconstruction	4,232,684	113,060
19013	20-Feb	Water	Infrastructure Renewal Program - Cavendish Crescent and Mount Pleasant Avenue Phase 2 Reconstruction	347,147	
19014	20-Feb	Wastewater & Treatment	Infrastructure Renewal Program - Egerton Street, Brydges Street and Pine Street Phase 2 Reconstruction	2,882,562	340,960
19014	20-Feb	Water	Infrastructure Renewal Program - Egerton Street, Brydges Street and Pine Street Phase 2 Reconstruction	2,483,953	
19014	20-Feb	Transportation Services	Infrastructure Renewal Program - Egerton Street, Brydges Street and Pine Street Phase 2 Reconstruction	889,706	
19015	20-Feb	Wastewater & Treatment	Infrastructure Renewal Program - Downtown Sewer Separation Phase 2	3,872,706	700,370
19015	20-Feb	Water	Infrastructure Renewal Program - Downtown Sewer Separation Phase 2	1,734,801	
19015	20-Feb	Transportation Services	Infrastructure Renewal Program - Downtown Sewer Separation Phase 2	1,740,561	
19016	19-Feb	Water	Subdivision Special Provisions - Eagle Ridge Subdivision Phase 2	40,297	
19016	19-Feb	Transportation Services	Subdivision Special Provisions - Eagle Ridge Subdivision Phase 2	165,201	
19016	19-Feb	Wastewater & Treatment	Subdivision Special Provisions - Eagle Ridge Subdivision Phase 2	983,801	
19016	19-Feb	Parks, Recreation & Neighbourhood Services	Subdivision Special Provisions - Eagle Ridge Subdivision Phase 2	111,253	
19017	19-Feb	Wastewater & Treatment	Subdivision Special Provisions - Sunninglea Subdivision	39,709	
19017	19-Feb	Water	Subdivision Special Provisions - Sunninglea Subdivision	18,970	9,267
19017	19-Feb	Transportation Services	Subdivision Special Provisions - Sunninglea Subdivision	7,426	
19017	19-Feb	Parks, Recreation & Neighbourhood Services	Subdivision Special Provisions - Sunninglea Subdivision	163,029	
19018	18-Mar	Transportation Services	Arterial Road Rehabilitation Contract No. 1	4,651,450	
19019	18-Mar	Parks, Recreation & Neighbourhood Services	Tree Pruning and Removal Services	1,682,247	
19021	19-Mar	Corporate, Operational & Council Services	Single Source Procurement - Microfiche Digitalization MES Hybrid	279,840	279,840
19023	18-Mar	Wastewater & Treatment	Appointment of Services - Dingman Creek Surface Water Monitoring Program	571,968	
19025	18-Mar	Wastewater & Treatment	Infrastructure Renew Program - Avalon Street Reconstruction Phase 2	1,643,327	16,000
19025	18-Mar	Water	Infrastructure Renew Program - Avalon Street Reconstruction Phase 2	938,888	
19025	18-Mar	Transportation Services	Infrastructure Renew Program - Avalon Street Reconstruction Phase 2	978,173	
19027	18-Mar	Water	2019 Watermain Cleaning and Structural Lining Tender	6,776,728	
19028	18-Mar	Wastewater & Treatment	Detailed Design & Tendering of the Churchill Avenue Infrastructure Replacement Project	230,588	
19028	18-Mar	Water	Detailed Design & Tendering of the Churchill Avenue Infrastructure Replacement Project	230,588	
19030	2-Apr	Parks, Recreation & Neighbourhood Services	Tree Inventory Update	526,099	
19038	16-Apr	Wastewater & Treatment	Colonel Talbot Sanitary Sewer and Forcemain Installation	6,516,959	
19039	2-Apr	Environmental Services	Material Recovery Facility Old Corrugated Cardboard Screen Upgrade	140,416	
19040	16-Apr	Wastewater & Treatment	Supervision Engineering Services Award - Wistow Street Reconstruction	149,704	
19040	16-Apr	Water	Supervision Engineering Services Award - Wistow Street Reconstruction	149,704	
19041	16-Apr	Wastewater & Treatment	Infrastructure Renewal Program - Waterloo Street	2,651,115	459,160
19041	16-Apr	Water	Infrastructure Renewal Program - Waterloo Street	1,193,751	
19041	16-Apr	Transportation Services	Infrastructure Renewal Program - Waterloo Street	153,305	
19042	16-Apr	Wastewater & Treatment	Budget Adjustment for Pincombe Drain Stormwater Management Facility #3		935,200
19043	16-Apr	Wastewater & Treatment	Vauxhall WWTP Flood Protection - additional Dewatering costs	117,024	
19044	16-Apr	Transportation Services	Accessible Pedestrian Signals Irregular Result	219,039	
19048	16-Apr	Transportation Services	Appoint Consultant - Fanshawe Park Road & Richmond Street Intersection Improvements	606,660	
19049	15-Apr	Wastewater & Treatment	Subdivision Special Provisions - Richardson Lands Phase 1A (Sifton)	199,456	
19049	15-Apr	Transportation Services	Subdivision Special Provisions - Richardson Lands Phase 1A (Sifton)	10,613	
19053	15-Apr	Water	Subdivision Special Provisions - Applewood Subdivision Phase 1B	7,449	7,449
19053	15-Apr	Transportation Services	Subdivision Special Provisions - Applewood Subdivision Phase 1B	12,743	
19054	16-Apr	Planning & Development Services	Request for Proposal - Lease of Commercial Space - Dundas Place Field House	375,494	95,494

**Appendix A - 2019 Capital Budget Activity (Life-To-Date December 31, 2019)**

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
19055	16-Apr	Wastewater & Treatment	Vauxhall WWTP Flood Protection - Delay Claim by H.I.R.A. Limited	661,440	
19057	16-Apr	Economic Prosperity	Industrial Land Purchase - 2497 Bradley Ave.	4,474,643	4,297,219
19058	16-Apr	Corporate, Operational & Council Services	City of London/Western Fair Association Lands - Archaeological Study	100,000	100,000
19061	14-May	Parks, Recreation & Neighbourhood Services	Contract award to construct Thames Valley Parkway - North Branch Connection (Richmond Street to Adelaide Street)	6,948,618	
19069	14-May	Wastewater & Treatment	RFP- 19-19 Sanitary Siphon & Trunk Sanitary Sewer Inspection	125,397	
19070	18-Jun	Wastewater & Treatment	UTRCA and CoL Flood Protection Projects	813,063	
19071	14-May	Transportation Services	RFT19-60 Wilton Grove Road Reconstruction	10,675,350	336,504
19071	14-May	Wastewater & Treatment	RFT19-60 Wilton Grove Road Reconstruction	343,052	
19071	14-May	Water	RFT19-60 Wilton Grove Road Reconstruction	873,212	42,225
19072	14-May	Wastewater & Treatment	Greenway WTP Organic Rankin Cycle Equipment Installation	915,840	11,000,000
19073	13-May	Transportation Services	Riverbend South Subdivision Phase 1 - City Services Reserve Fund Claimable Works	174,806	
19075	28-May	Protective Services	Portable Radios for Fire Prevention Inspectors Working alone	61,093	
19080	18-Jun	Wastewater & Treatment	T19-48 & T19-49 Dingman Creek Pumping Station Forcemain Installation	8,634,837	
19081	18-Jun	Corporate, Operational & Council Services	RFP19-22 CNG Rear Loading Waste Collection Trucks	1,110,121	
19082	18-Jun	Wastewater & Treatment	Infrastructure Renewal Program - Appoint Consulting Engineers	771,801	
19082	18-Jun	Water	Infrastructure Renewal Program - Appoint Consulting Engineers	735,053	
19082	18-Jun	Transportation Services	Infrastructure Renewal Program - Appoint Consulting Engineers	220,946	
19083	17-Jun	Wastewater & Treatment	Subdivision Special Provisions - Summerside Phase 13B (Drewlo)	278,941	
19083	17-Jun	Parks, Recreation & Neighbourhood Services	Subdivision Special Provisions - Summerside Phase 13B (Drewlo)	29,715	
19084	18-Jun	Wastewater & Treatment	Greenway Incinerator Refurbishment	457,920	
19085	18-Jun	Transportation Services	Property Acquisition - Wharcliffe Rd Widening (99.5 Stanley St.)	873,901	
19086	18-Jun	Wastewater & Treatment	T-19-65 Construction award of Colonel Talbot Pumping Station	5,356,378	2,068,956
19087	17-Jun	Protective Services	Consulting Services: Comprehensive Risk Assessment and Fire Master Plan	153,021	153,021
19088	18-Jun	Wastewater & Treatment	RFT19-56 Foxhollow Stormwater Management Facility No. 1 - North Cell	3,014,159	600,000
19090	18-Jun	Environmental Services	RFP19-26 CNG Top Loading Waste Collection Truck	433,488	
19092	18-Jun	Transportation Services	T19-64 Mill and Overlay of Various City Streets - Irregular Result	774,267	
19097	23-Jul	Transportation Services	Victoria Bridge Replacement detailed design	786,496	
19101	23-Jul	Wastewater & Treatment	T19-47 Infrastructure Renewal: Oakridge Acres Pase III	161,986	36,000
19101	23-Jul	Water	T19-47 Infrastructure Renewal: Oakridge Acres Pase III	1,610,823	
19101	23-Jul	Transportation Services	T19-47 Infrastructure Renewal: Oakridge Acres Pase III	236,372	
19103	23-Jul	Wastewater & Treatment	Wonderland Road Sanitary Sewer Extension	142,859	
19103	23-Jul	Transportation Services	Wonderland Road Sanitary Sewer Extension	32,555	
19105	23-Jul	Transportation Services	Consulting Services: Southdale Rd West and Wickerson Rd Improvements	868,639	
19106	23-Jul	Transportation Services	Consulting Services: Southdale Rd West Improvements Phase 1	471,655	
19107	23-Jul	Corporate, Operational & Council Services	Single Source Procurement - Replacement of Sand/Salt Spreaders	246,972	
19108		Wastewater & Treatment	Confidential - Litigation	305,280	
19110	23-Jul	Planning & Development Services	Lease Agreement - 177/179 Dundas Street - Field House	10,176	10,176
19112	12-Aug	Transportation Services	Victoria Bridge Replacement Geotechnical & Hydrogeological engineering	123,354	
19113	12-Aug	Wastewater & Treatment	Subdivision Special Provisions - Sunningdale West Subdivision Ph 2	96,114	
19114	13-Aug	Parks, Recreation & Neighbourhood Services	T-19-67 Contract award for construction of Kilally Fields	4,451,085	366,146
19115	13-Aug	Parks, Recreation & Neighbourhood Services	T-19-68 Contract award for construction for East Lions Park	1,400,000	
19116	12-Aug	Transportation Services	Former PUC Parking Lot - 199 Ridout Street North	400,000	400,000
19118	13-Aug	Corporate, Operational & Council Services	Website Redesign Development & Implementation for the City of London	482,088	
19121	12-Aug	Wastewater & Treatment	UTRCA and CoL Flood Protection Projects	2,024,129	
19122	12-Aug	Wastewater & Treatment	T-19-36 Greenway Organic Rankin Cycle Engine Installation	11,233,632	
19124	12-Aug	Wastewater & Treatment	T-18-16 Contract Increase: Infrastructure Renewal Program - Main St	207,590	
19124	12-Aug	Transportation Services	T-18-16 Contract Increase: Infrastructure Renewal Program - Main St	150,605	
19124	12-Aug	Water	T-18-16 Contract Increase: Infrastructure Renewal Program - Main St	48,845	
19129	24-Sep	Corporate, Operational & Council Services	Irregular result - All-Terrain, Turf and Golf Utility	204,394	
19129	24-Sep	Environmental Services	Irregular result - All-Terrain, Turf and Golf Utility	18,202	
19131	24-Sep	Transportation Services	Construction Partnership with the Ministry of Transportation - Old Victoria Road Resurfacing	80,035	
19132	10-Sep	Transportation Services	Property Acquisition - Adelaide Street CP Grade Separation Project (627 Central Ave)	482,981	
19133	24-Sep	Corporate, Operational & Council Services	RFP19-29 Purchase of 16 Tandem Axle Trucks with Dump Boxes and Plow Equipment	3,819,490	
19135	24-Sep	Wastewater & Treatment	Consultant for upgrading Powell Drain and Upland North Outlet Culvert	248,984	
19136	24-Sep	Transportation Services	Dundas Street Cycle Track Design	542,118	
19137	24-Sep	Corporate, Operational & Council Services	Removal and Replacement of Underground Fuel and Oil Tanks	987,329	612,022
19139	24-Sep	Transportation Services	Property Acquisition - Wellington Gateway Project	375,199	
19143	22-Oct	Wastewater & Treatment	Consultant for the Pottersburg Pumping Station Construction	488,757	



**Appendix A - 2019 Capital Budget Activity (Life-To-Date December 31, 2019)**

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
19144	22-Oct	Environmental Services	Consulting Engineers for the proposed expansion of the W12A Landfill Site	135,645	
19146	22-Oct	Transportation Services	RFP49-27 Advanced Traffic Management System and Traffic Signal Controllers	4,503,588	
19148	22-Oct	Transportation Services	Property Acquisition - Wellington Gateway Project	341,298	
19150		Parks, Recreation & Neighbourhood Services	Confidential - Litigation	177,612	177,591
19151	4-Nov	Parks, Recreation & Neighbourhood Services	Parkland Acquisition	194,558	194,558
19154	19-Nov	Water	RFP19-53 Arva Huron Watermain Environmental Assessment	396,014	
19155	19-Nov	Wastewater & Treatment	RFP19-45 2019 Cured in Place Pipe (CIPP) Sewer Lining Program	4,607,915	
19158	18-Nov	Wastewater & Treatment	Subdivision Special Provisions - Applewood Subdivision Phase 2 (Extra Realty Limited)	8,629	
19159	19-Nov	Transportation Services	Property Acquisition - Adelaide Street CP Grade Separation Project (627 Central Ave)	781,767	
19160	19-Nov	Water	Agreement with 1889 Westminster Drive for Crop Impacts and a Mutual Agreement Drain	24,427	
19161	19-Nov	Transportation Services	Property Acquisition - Wellington Gateway Project	308,255	
19162	19-Nov	Transportation Services	Consulting Engineers for the Thames Valley Parkway Active Transportation Connection	205,259	205,259
19163	19-Nov	Transportation Services	Property Acquisition - Veterans Memorial Parkway	199,297	
19164	19-Nov	Transportation Services	Property Acquisition - Intersection - Sunningdale/Hyde Park Roundabout	197,362	197,362
19165	19-Nov	Transportation Services	Property Acquisition - Intersection - Sunningdale/Hyde Park Roundabout	161,557	161,557
19166	19-Nov	Wastewater & Treatment	Claim from Middlesex Condominium Corporation Number 122 - 163 Pine Valley Drive	60,000	
19170	25-Nov	Social & Health Services	Property Acquisition - Stabilization Space Property - 345 Sylvan Street	1,087,455	1,087,455
<b>Subtotal Council Awards</b>				<b>152,570,000</b>	<b>25,391,051</b>
<b>Council Approved Budget Adjustments</b>					
		Wastewater & Treatment	2018 Year-End Monitoring Report Budget Adjustments <sup>(1)</sup>		(1,300,000)
		Wastewater & Treatment	2019 Development Charges Study Budget Adjustments		34,288,445
		Water	2019 Development Charges Study Budget Adjustments		632,949
		Property Tax	2019 Assessment Growth		2,446,776
		Property Tax	2019 Development Charges Study Budget Adjustments		13,578,916
		Property Tax	Rapid Transit Realignment		(28,407,681)
		Property Tax	Adjustments resulting from various Council approved reports		941,000
<b>Subtotal Council Awards &amp; Budget Adjustments</b>				<b>152,570,000</b>	<b>47,571,456</b>

	Awarded Amount	Budget Adjustments Required
<b>Council Awards and Budget Adjustments</b>		
Property Tax Budget	65,439,024	(2,378,585)
Wastewater & Treatment Budget	67,608,678	49,258,151
Water Budget	19,522,298	691,890
<b>Subtotal Council Awards and Budget Adjustments</b>	<b>152,570,000</b>	<b>47,571,456</b>
<b>Administrative Awards and Budget Adjustments <sup>(2)</sup></b>		
Property Tax Budget	23,786,558	2,915,902
Wastewater & Treatment Budget	8,730,453	(139,406)
Water Budget	3,877,109	0
<b>Subtotal Administrative Awards and Budget Adjustments</b>	<b>36,394,120</b>	<b>2,776,496</b>
<b>Total Council and Administrative Awards and Budget Adjustments</b>		
Property Tax Budget	89,225,582	537,317
Wastewater & Treatment Budget	76,339,131	49,118,745
Water Budget	23,399,407	691,890
<b>Total</b>	<b>188,964,120</b>	<b>50,347,952</b>

**Notes:**

- 1) The budget adjustments presented in the 2019 Year-End Capital Budget Monitoring Report impact the 2020 LTD budget thus they are reflected as a Council approved budget adjustment.
- 2) Civic Administration source of financing awards are in accordance with the Procurement of Goods & Services Policy and are reported annually through that process. Budget adjustments include additional revenue from private drain connections and other non-tax supported funding sources.



**Appendix B - Summary of 2016 Life-To-Date Capital Budgets (2016 and prior) Having No Future Budget Requests**

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
<b>Tax Supported Budget</b>								
PD2042	NEW MAJOR OPEN SPACE	Growth	Parks, Recreation & Neighbourhood Services	491,500	484,734	6,766	Q4 2020	Subdivision capital claim for new pathway at Kape Development. City will use remaining funds to plant trees in 2020.
PD2082	MEADOWLILY AREA PLANNING STUDY	Growth	Planning & Development Services	520,000	391,114	128,886	Q1 2022	Meadowlily Secondary Plan was initiated in response to an application to designate and zone lands adjacent to Meadowlily for commercial development. A significant amount of work has been completed to date – including consulting reports, environmental studies, public consultation, etc. Project was put on hold when the initial applicant changed plans and the area's commercial potential diminished. With the adoption of The London Plan, the lands have been placed in the Neighbourhoods Place Type, however, this Place Type is part of the London Plan appeals. If there is no change to the Place Type on these lands, it may not be necessary to re-initiate this study. A major issue related to transportation matters and the potential need for a study to determine options for interchange improvements to service these lands emerged in the previous planning process. Remaining funds may be required to hire a consultant to undertake this study.
PD2253	NEW ENVIRONMENTALLY SIGNIF AREAS	Growth	Planning & Development Services	260,000	242,485	17,515	Q4 2021	This funding is set aside to improve hiking trail connections, specifically a boardwalk in the Kains ESA. This project is currently delayed due to legal issues related to an access easement. City intends to improve the trail connection in 2020.
TS1302-1	COMMISSIONERS ROAD WEST	Growth	Transportation Services	300,000	296,307	3,693	Beyond	Environmental Assessment stage completed. A part 2 order, subjecting the project to further study, has been received. This request is still under review by the Ontario Ministry of Environment, Conservation and Parks. The City is awaiting a response from the ministry before proceeding any further.
TS1409	KILALLY UPGRADES AT WEBSTER	Growth	Transportation Services	2,695,000	2,350,027	344,973	Q1 2020	Project work complete. Favourable variance due to tender price lower than expected. Project to be closed once all existing purchase orders are settled.
TS1475-2	FANSHAWE RD EAST WIDENING-PH 2	Growth	Transportation Services	15,460,000	13,129,032	2,330,968	Q4 2020	Construction items pending completion.
TS1477-2	HYDE PARK RD WIDENING - PH 2	Growth	Transportation Services	15,575,802	14,174,178	1,401,624	Q4 2020	Construction and warranty works complete. Council directed the addition of traffic signals at Hyde Park Road and South Carriage Road in July 2018. Project to remain open to fund additional work.
TS1484	SARNIA WIDENING-WONDERLAND TO	Growth	Transportation Services	10,209,820	9,765,490	444,330	Q1 2020	Project work complete. Favourable variance due to tender price lower than expected. Project to be closed once all existing purchase orders are settled.
TS2170	BRADLEY FROM OLD VICTORIA	Growth	Transportation Services	2,350,000	874,670	1,475,330	Q4 2021	Project associated with a future Innovation Park Phase 5. Limits on Bradley are from Bonder easterly to City Limits. The works would be dependent on the size and type of development but could include such things as road widening, turn lanes, signalization, road drainage improvements. The scope of work will be coordinated with Transportation as the development of Innovation Phase 5 progresses.
TS2171	OLD VICTORIA FROM HAMILTON TO	Growth	Transportation Services	2,110,000	1,300,920	809,080	Q4 2020	Warranty issues outstanding to be reviewed again late 2020.
GG1050HRIS	HUMAN RESOURCES INFORMATION	Life Cycle Renewal	Corporate, Operational & Council Services	1,500,000	47,873	1,452,127	2024	RFP will be issued for software in Q2 2020.
GG1620	DEARNESS MAJOR UPGRADES	Life Cycle Renewal	Social & Health Services	1,156,000	963,925	192,075	Q2 2020	Dearness Home facility upgrades are ongoing. The current phase of this project is complete with only outstanding commitments keeping it open. Once outstanding commitments are realized the remaining uncommitted funds will be retained and transferred to the Dearness Home annual program. Funds will be fully utilized.
GGINFRA	INFRASTRUCTURE - ITS	Life Cycle Renewal	Corporate, Operational & Council Services	172,539	0	172,539	Q4 2020	This project will deliver servers essential to the City of London ITS back-up program. Project is in the initiation phase. Project is on-track and on budget.
PD1146	DEVELOPMENT MANAGEMENT	Life Cycle Renewal	Planning & Development Services	180,000	84,268	95,732	Q4 2020	Project supports consulting costs for the integration of development application tracking in AMANDA; consultant hired and development work is ongoing.
PD1213	ARCHAEOLOGICAL MASTER PLAN	Life Cycle Renewal	Planning & Development Services	75,000	64,636	10,364	Q4 2020	The Archaeological Management Plan was approved by Council July 17, 2017. The Official Plan/London Plan has been amended to add the Plan to the list of Guideline Documents. Remaining funds are allocated to the implementation of the Plan after adoption. Additional time required to collaborate with local First Nations communities.
PD2400	PARK FARM TRUST FUND	Life Cycle Renewal	Planning & Development Services	91,287	80,386	10,901	2023	Trust Fund bequeathed in 1990 "for the purpose of such park including additions thereto" by estate of the last private owner of the municipally-owned heritage property. Trust fund serves as a source of funding for projects required to maintain and conserve this municipally-owned heritage property.

**Appendix B - Summary of 2016 Life-To-Date Capital Budgets (2016 and prior) Having No Future Budget Requests**

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
PD3023	5-YEAR OFFICIAL PLAN REVIEW	Life Cycle Renewal	Planning & Development Services	650,000	531,274	118,726	Q4 2021	Ongoing program – this program was established to fund the regular work of updating the Official Plan (5 year review program) and Zoning By-law. The outstanding balance will be used for additional consulting work relating to The London Plan and the current Ontario Municipal Board Hearing, scheduled to commence in April, 2020. Unused funds to be transferred to PD2152 for the comprehensive zoning by-law project, targeted for completion by Q4 2022.
PP1032	RADIO EQUIPMENT	Life Cycle Renewal	Protective Services	1,790,000	1,623,186	166,814	Q4 2021	Design and construction phase of project complete, equipment purchases pending. Upon project completion, unused funds to transferred to FS1046 (Radio Replacement).
RC2428	ENHANCED CGAC AQUATIC FUND	Life Cycle Renewal	Parks, Recreation & Neighbourhood Services	43,575	38,841	4,734	Q4 2020	This project is part of an endowment and will be complete in 2020.
TS1346	CORPORATE ASSET MGMT DEVELOPMENT	Life Cycle Renewal	Corporate, Operational & Council Services	1,863,895	652,197	1,211,698	2024	The CAM project includes a total of 7 work units; a contract was executed for the first 6 units over the past few years. The final work unit, number 7, is significant and includes implementation of all five asset management modules across the remaining 9 service areas included in the scope of the CAM project estimated at a cost of approx. \$1million. The delays in implementing unit 6 due to the implementation of the new asset management plan regulation (O.Reg 588/17) has delayed the start of this phase of the project until Q2 2021 with completion by 2024.
TS1350	CORPORATE ASSET MGMT SOFTWARE	Life Cycle Renewal	Corporate, Operational & Council Services	360,000	44,196	315,804	2023	Phased implementation of Assetic software is well underway for Transportation Services and Parks & Recreation Services. This will be followed by full implementation across the City providing CAM the ability to optimize the City's renewal and replacement efforts across all service areas. The most recent example of the use of the Assetic system was in the City's 2019 Asset Management Plan (AMP). The AMP projected long term condition profiles to optimize service level outcomes and capital expenditures. Assetic's decision making module (Predictor) was used for the City's Core Assets (Water, Wastewater, and Transportation), the majority of Facilities (Recreation and Corporate Facilities) and other service areas such as Fleet and the Fire Department.
DS1280	1280 FANSHAWE PK RD	Service Improvement	Planning & Development Services	1,046,782	998,085	48,697	Q4 2020	In the warranty period and waiting on invoices from the consultant.
GG1730ART	SALVAGE HERITAGE ARTIFACTS	Service Improvement	Culture Services	200,000	168,906	31,094	2023	Project responds to Council request to salvage removable heritage architectural artifacts for future uses from Old Victoria Hospital buildings to be demolished. A temporary storage site has been retained for these artifacts. Future funds will be needed to move the items from their current temporary storage to their final location.
GG1730HB	RETENTION OF HERITAGE BLDGS	Service Improvement	Economic Prosperity	500,000	455,313	44,687	Beyond	Ongoing site maintenance required until Old Victoria Hospital land is sold.
GG1730PHB	DECOMMISSIONING OF SOUTH ST	Service Improvement	Corporate, Operational & Council Services	2,380,000	1,792,227	587,773	Beyond	Ongoing site decommissioning works and maintenance required until Old Victoria Hospital land is sold.
ID1110	TRAFALGAR INDUSTRIAL PARK	Service Improvement	Economic Prosperity	4,062,233	3,832,749	229,484	Q4 2021	Park is fully assumed for operational costs. Some lots remain to be sold so the possibility of future capital expenses remains until all lots are sold.
ID1150FCS	FOREST CITY SOUTH INDUSTRIAL	Service Improvement	Economic Prosperity	250,000	230,584	19,416	Q4 2020	External works capital project on Wilton Grove Road is ongoing in 2020. Service opportunities will be coordinated. Status to be reviewed at end of 2020.
ID1150HURC1	HURON INDUSTRIAL PARK AREA C1	Service Improvement	Economic Prosperity	50,000	2,921	47,079	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1150HURC2	HURON INDUSTRIAL PARK AREA C2	Service Improvement	Economic Prosperity	125,000	7,380	117,620	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1150HURC3	HURON INDUSTRIAL PARK AREA C3	Service Improvement	Economic Prosperity	150,000	4,920	145,080	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1150HURC4	HURON INDUSTRIAL PARK AREA C4	Service Improvement	Economic Prosperity	250,000	766	249,234	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1150HURC5	HURON INDUSTRIAL PARK AREA C5	Service Improvement	Economic Prosperity	50,000	0	50,000	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1150INVP5	INNOVATION INDUSTRIAL PARK PH5	Service Improvement	Economic Prosperity	50,000	18,316	31,684	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design.
ID1167	FOREST CITY IND PARK	Service Improvement	Economic Prosperity	4,202,798	3,429,113	773,685	Q4 2021	Park is fully assumed for operational costs. Some lots remain to be sold so the possibility of future capital expenses remains until all lots are sold.

**Appendix B - Summary of 2016 Life-To-Date Capital Budgets (2016 and prior) Having No Future Budget Requests**

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
ID1170	HURON INDUSTRIAL PARK	Service Improvement	Economic Prosperity	6,012,553	5,217,827	794,726	Q4 2022	Due diligence studies are ongoing. Detailed design is to be finalized once servicing outlets are completed.
PD1015	SOUTH STREET CAMPUS REDEVELOPMENT	Service Improvement	Planning & Development Services	155,000	119,994	35,006	2024	To date this project has been used to pay for consulting services as required to prepare the Old Victoria Hospital Lands for sale, including an Environmental Impact Study, an assessment of heritage resources, and preparation of a stabilization plan for heritage resources. Phase II of the disposition of the South Street lands was initiated in 2019 and these remaining funds will be used to support one or more consulting studies (heritage building condition assessment, heritage building repurposing assessment, servicing study update, real estate promotion, etc.).
PD1018	SMART CITY STRATEGY	Service Improvement	Planning & Development Services	125,000	101,760	23,240	Q4 2021	Project is on hold pending ramp-up of Smart City Strategy implementation.
PD1142	ENHANCED VETERANS MEMORIAL	Service Improvement	Parks, Recreation & Neighbourhood Services	627,085	566,527	60,558	Q3 2021	Further review required after phragmites are removed.
PD1145	PLACEMAKING DESIGN GUIDELINES	Service Improvement	Planning & Development Services	100,000	93,401	6,599	Q4 2020	Draft User Design Graphics (UDGs) have been created. Funds to be used for refinement of final UDGs in 2020.
PD1215	BACK TO THE RIVER	Service Improvement	Parks, Recreation & Neighbourhood Services	950,000	844,668	105,332	Q1 2020	Project is complete. Funds to be retained once all billings are finalized.
PP1025	INTERFACE & MOBILE DATA	Service Improvement	Protective Services	1,000,000	314,115	685,885	Q1 2021	Project design and equipment purchasing are ongoing. To achieve efficiencies this project is being coordinated along with PP4490 (project below).
PP4490	BUSINESS INTELLIGENCE SOFTWARE	Service Improvement	Protective Services	226,007	186,804	39,203	Q1 2021	Project design and equipment purchasing are ongoing. To achieve efficiencies this project is being coordinated along with PP1025 (project above).
SW6023	COMMUNITY ENVIRONMENT DEPOTS	Service Improvement	Environmental Services	1,500,000	53,085	1,446,915	Q4 2021	Design work for re-configuration of Clarke Road EnviroDepot has started.
TS1325	VETERANS MEMORIAL SOUTH	Service Improvement	Economic Prosperity	1,148,811	1,066,367	82,444	Q4 2020	Warranty issues with provincial component of work to be resolved in 2020.
<b>Wastewater &amp; Treatment Rate Supported Budget</b>								
ES2681	MUD CREEK EAST BR STORMWATER	Growth	Environmental Services	9,259,800	1,932,368	7,327,432	2024	Project will be designed and built over three phases. Phase 1 to commence in summer 2020.
ES2682	DINGMAN EROSION CONTROL	Growth	Environmental Services	9,344,333	7,072,439	2,271,894	Q2 2020	Work is complete, awaiting final outstanding invoice from consultant. Project will be under budget due to favourable tender prices received.
ES2685	GREENWAY PCP TREATMENT	Growth	Environmental Services	44,955,855	43,975,597	980,258	Q2 2020	Construction work complete. Waiting for warranty period and minor deficiencies to be completed.
ES3020-HP6	SWM FACILITY - HYDE PARK NO 6	Growth	Environmental Services	2,416,700	1,254,551	1,162,149	2023	Waiting for final outcome of the Hyde Park Environmental Assessment addendum. This proposed facility may not to be constructed in lieu of other onsite developer built measures.
ES3020-PD2	SWM FACILITY- PINCOMBE DRAIN 2	Growth	Environmental Services	2,456,700	1,547,183	909,517	2023	Dingman Environmental Assessment will now be completed in 2 phases. Phase 1 will be completed in 2020 and Phase 2 will be completed in Q4 2021 and will trigger the progression of this project.
ES3020-RVBTC	SWM FACILITY - RIVER BEND	Growth	Environmental Services	13,906,700	10,409,969	3,496,731	2023	Construction of facility complete. Environmental monitoring of receiving watercourse to be completed to 2023 as per regulatory authority approvals. Future decommissioning of temporary SWM facility to be undertaken by the City at the appropriate development level trigger.
ES3203	HYDE PARK-STANTON DRAIN	Growth	Environmental Services	287,500	0	287,500	Q4 2021	Design will be completed based on the outcome of the Hyde Park Environmental Assessment (EA) Addendum.
ES5016	WONDERLAND PUMPING STATION	Growth	Environmental Services	356,955	182,535	174,420	Q1 2020	Project work complete with variance due to favourable tender pricing received. In warranty period until early 2020.
ES5252	KL1B KILALLY GROWTH AREA	Growth	Environmental Services	1,198,600	888,919	309,681	Q4 2020	Developer built sanitary sewer nearing completion. Future claim to be submitted.
ES5253	RB1B RIVERBEND GROWTH AREA	Growth	Environmental Services	2,117,966	1,103,009	1,014,957	Q4 2020	Developer built sanitary sewer nearing completion. Future claim to be submitted..
ES5425	INTERIM WORKS AS IDENTIFIED	Growth	Environmental Services	1,200,000	641,590	558,410	2023	Ongoing growth funded program used to assess the requirement for Interim works identified in Environmental Assessment studies.
ESSWM-DCB4	SWM FACILITY DINGMAN CREEK	Growth	Environmental Services	3,638,342	1,838,880	1,799,462	Q2020	Project work complete. Favourable variance due to tender price significantly lower than expected. In warranty period until early 2020.
ESSWM-HP5	SWM FACILITY - HYDE PARK NO 5	Growth	Environmental Services	6,517,700	295,514	6,222,186	2023	Waiting for final outcome of the Hyde Park Environmental Assessment addendum. This proposed facility may not to be constructed in lieu of other onsite developer built measures.
ESSWM-MM4	SWM FACILITY-MURRAY MARR 4	Growth	Environmental Services	2,100,000	73,948	2,026,052	2023	Dingman Environmental Assessment, Phase 2 to be completed in Q4 2021. Timing of construction to be defined following Environmental Assessment completion.

**Appendix B - Summary of 2016 Life-To-Date Capital Budgets (2016 and prior) Having No Future Budget Requests**

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
ESSWM-SC2	SWM FACILITY-STONEY CREEK NO 2	Growth	Environmental Services	2,099,000	820,504	1,278,496	2023	Initiation of project was delayed due to just-in-time construction process. Construction expected to be complete in 2020 with two year warranty period to follow.
ID2058	INNOVATION PARK-SWR OVERSIZING	Growth	Environmental Services	8,265,000	7,850,548	414,452	Q4 2022	Ongoing ILDS account. Covers Phases 1, 2, 3, and 4. Only Phase 1 is partially assumed. Numerous lots remain to be sold.
ID2058-3A	INNOVATION PARK - SEWER	Growth	Environmental Services	315,000	239,064	75,936	Q4 2022	Ongoing ILDS account. Covers Phases 1, 2, 3, and 4. Only Phase 1 is partially assumed. Numerous lots remain to be sold.
ID2095FCS	FOREST CITY SOUTH INDUSTRIAL	Growth	Environmental Services	250,000	264,861	(14,861)	Q4 2020	Awaiting end of warranty for outstanding purchase order.
ID2095HURC1	HURON INDUSTRIAL PARK AREA C1	Growth	Environmental Services	20,000	6,207	13,793	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design
ID2095HURC2	HURON INDUSTRIAL PARK AREA C2	Growth	Environmental Services	20,000	6,208	13,792	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design
ID2095HURC3	HURON INDUSTRIAL PARK AREA C3	Growth	Environmental Services	15,000	2,684	12,316	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design
ID2095HURC4	HURON INDUSTRIAL PARK AREA C4	Growth	Environmental Services	45,000	19,628	25,372	Q4 2021	Due diligence studies are ongoing. Design is in progress. Awaiting servicing outlets, in progress, prior to detailed design
ES2476	ELLIOT-LAIDLAW REMEDIATION	Life Cycle Renewal	Environmental Services	200,000	0	200,000	2023	Dingman Creek Environmental Assessment is ongoing for Phase 2 study completion in Q4 2021. Timing of this project to be defined following Environmental Assessment completion.
ES3045	HORTON SANITARY SEWER UPGRADES	Life Cycle Renewal	Environmental Services	480,000	221,332	258,668	Q4 2020	Construction work complete. Awaiting consultant recommendations from a condition survey that was completed in 2019 to determine if potential future work is required.
ES6066	DINGMAN PUMPING STATION HEADER	Life Cycle Renewal	Environmental Services	500,000	511,231	(11,231)	Q4 2020	Final field work related to Environmental Impact Study being completed.
ES6074	POTTERSBUrg WWTP CSO AND INLET	Life Cycle Renewal	Environmental Services	1,821,504	1,712,116	109,388	Q2 2021	Construction substantially complete pending pressure test and final asphalt. Work will be complete early 2020 with warranty period to follow.
ES2485	OLD OAK SERVICING	Service Improvement	Environmental Services	2,469,956	315,062	2,154,894	Beyond	Development Charges funded project, on hold subject to completion of the Dingman Creek Environmental Assessment (EA). Phase 2 anticipated to be completed in 2021.
ES3087	HURON INDUSTRIAL PARK SERVICE	Service Improvement	Environmental Services	1,122,673	487,438	635,235	Q4 2021	Awaiting completion of stormwater management facility design, which will be followed by detailed design and tendering for internal servicing of blocks
ES6089	APPLEGATE SWMF REMEDIATION	Service Improvement	Environmental Services	280,000	198,837	81,163	Q2 2020	Project construction work complete. In warranty period until early 2020.
<b>Water Rate Supported Budget</b>								
EW3551	HYDE PARK-SARNIA ROAD HIGH	Growth	Environmental Services	2,068,660	1,680,080	388,580	Q4 2020	Final work and deficiencies being addressed.
EW3614	SOUTH EAST PUMPING STATION-RESERVOIR	Growth	Environmental Services	55,728,118	55,450,970	277,148	Q4 2021	Project substantially complete. Works still being undertaken for operational improvements.
EW3628	EXPANSION OF SOUTHEAST	Growth	Environmental Services	2,700,000	2,246,738	453,262	Q4 2020	Final work being completed and warranty period ongoing for prior work.
EW3540	EMPS - HELP FUNDED PROJECT	Life Cycle Renewal	Environmental Services	1,800,000	1,744,835	55,165	Q2 2020	Project work undertaken through HELP funding. All work now complete and funding received. Project to be closed once all purchase orders are settled.
EW3576	ARVA-HURON PIPELINE	Life Cycle Renewal	Environmental Services	2,500,000	865,348	1,634,652	Q3 2021	Construction completed and in warranty period, waiting for as-built drawings.
EW3713	SARNIA ROAD WATERMAIN	Life Cycle Renewal	Environmental Services	1,750,000	633,189	1,116,811	Q2 2020	Project is significantly under budget due to a reduction of the amount of watermain planned for replacement. Budgeted value was based on 1.4km of replacement and the amount was reduced to 900m during design. Once complete, unused funds will be returned to original source.
EW3619	WHITE OAK PUMPING STATION	Service Improvement	Environmental Services	700,000	36,912	663,088	Q3 2020	Consultant hired for Environmental Assessment and demolition specifications. Demolition work scheduled to be commenced Q2 2020.
<b>Total</b>				<b>267,922,749</b>	<b>213,175,861</b>	<b>54,746,888</b>		

Appendix C – Completed Capital Projects (as of December 31, 2019)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
<b>TAX SUPPORTED</b>											
PD138217 New Neighbourhood Parks	Growth	183,591	183,591	-							
PD2043-12 New Major Open Space	Growth	620,000	603,734	16,266			6,897		9,369		
PD2124-11 New Thames Valley Parkway	Growth	400,000	396,799	3,201		2,010			1,191		
PD2253-13 2013 New Environmentally Significant Areas	Growth	280,000	279,927	73					73		
PD2765-15 New Woodland Parks	Growth	60,000	60,000	-							
PD276516 New Woodland Parks	Growth	67,698	67,698	-							
PD3019-13 New Urban Parks	Growth	100,000	94,316	5,684		1,455			4,229		
TS1042 Transportation Monitoring	Growth	300,000	154,863	145,137	This project is no longer required as 2019 DC Study created TS104219.				145,137		
TS126418 Rural Intersection	Growth	96,250	96,250	-							
TS1470 Commissioners Road Widening	Growth	14,292,262	14,107,006	185,256	Surplus due to favourable land purchase and utility relocation costs.		12,516		172,740		
TS1481-1 Wellington Road Widening PH1	Growth	593,507	593,507	-							
TS1626 Southdale Road Upgrades	Growth	201,440	-	201,440	Budget for capital works incorporated into TS1407-2 thus the budgeted amount is not required.		26,240		175,200		
TS173916 Cycling Facilities	Growth	987,394	987,394	-							
TS1767 Bicycle Detection Signals	Growth	100,000	100,000	-							
GGAPPL1703 Asset Management System	Life Cycle Renewal	17,554	17,554	-							
GGAPPL1804 Amanda Application Assessment	Life Cycle Renewal	30,926	30,926	-							
GGAPPL1805 Office 365 Migration	Life Cycle Renewal	295,916	295,916	-							
GGAPPL1806 CRM Data Mart	Life Cycle Renewal	47,827	47,827	-							
GGAPPL1807 Cognos Upgrade	Life Cycle Renewal	18,690	18,690	-							
GGAPPL1808 Upgrade of Kronos 6.1	Life Cycle Renewal	36,023	36,023	-							
GGAPPL1901 CRM Upgrade	Life Cycle Renewal	99,875	99,875	-							
GGAPPL1903 CMMS Data Broker Risk	Life Cycle Renewal	14,969	14,969	-							
GGAPPL1904 Eclipse Upgrade	Life Cycle Renewal	9,768	9,768	-							
GGINFRA1901 City Hall Cellular Infrastructure	Life Cycle Renewal	14,738	14,738	-							
GGINFRA1902 AKCP Update	Life Cycle Renewal	32,054	32,054	-							

**Appendix C – Completed Capital Projects (as of December 31, 2019)**

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
GGMOD1405 PH 5 - Network Wireless PT	Life Cycle Renewal	99,906	99,906	-							
GGMOD1406 PH 6 - Network Modernization	Life Cycle Renewal	21,182	21,182	-							
GGMOD1802 Dundas St. Conduit & Cabling	Life Cycle Renewal	96,672	96,672	-							
GGSTOR1901 Storage Area Network	Life Cycle Renewal	1,299,779	1,299,779	-							
ME2012-01 2012 Vehicle and Equipment Replacement	Life Cycle Renewal	5,936,300	5,939,551	(3,251)				(3,251)			
PD1129-13 Downtown Street Tree Planting	Life Cycle Renewal	357,141	357,141	-							
PD1129-14 Downtown Street Tree Planting	Life Cycle Renewal	239,957	239,957	-							
PD1129-15 Downtown Street Tree Planting	Life Cycle Renewal	1,485	1,485	-							
PD112916 Downtown Street Tree Planting	Life Cycle Renewal	105,625	105,625	-							
PD112917 Downtown Street Tree Planting	Life Cycle Renewal	70,000	69,115	885		885					
PD112919 Downtown Street Tree Planting	Life Cycle Renewal	225,000	225,000	-							
PD1173-14 2014 Springbank Park Upgrades	Life Cycle Renewal	160,000	159,729	271		271					
PD117316 Springbank Park Upgrades	Life Cycle Renewal	24,843	26,705	(1,862)		(1,862)					
PD123518 Street Tree Planting	Life Cycle Renewal	400,000	400,000	-							
PD123519 Street Tree Planting	Life Cycle Renewal	413,032	413,370	(338)		(338)					
PD1282-15 Maintain Neighbourhood Parks	Life Cycle Renewal	221,316	221,316	-							
PD128216 Maintain Neighbourhood Parks	Life Cycle Renewal	224,250	224,107	143		143					
PD2063-15 Maintain Open Space	Life Cycle Renewal	153,644	153,644	-							
PD206316 Maintain Open Space	Life Cycle Renewal	280,728	280,728	-							
PD206318 Maintain Open Space	Life Cycle Renewal	65,744	65,744	-							
PD2134 2009 Maintain Thames Valley	Life Cycle Renewal	297,673	297,673	-							
PD2135-13 Maintain Thames Valley	Life Cycle Renewal	229,596	229,596	-							
PD217318 Maintain Sportspark	Life Cycle Renewal	150,000	150,000	-							
PD2243-14 Maintain Environmentally Significant Areas	Life Cycle Renewal	195,308	195,308	-							
PD2243-15 Maintain Environmentally Significant Areas	Life Cycle Renewal	328,553	328,553	-							
PD261817 Public Housing Major Upgrades	Life Cycle Renewal	2,208,000	2,208,000	-							
PD261818 Public Housing Major Upgrades	Life Cycle Renewal	2,708,000	2,708,000	-							

Appendix C – Completed Capital Projects (as of December 31, 2019)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
PD275418 Woodland Management	Life Cycle Renewal	2,027	2,027	-							
PD3020 Piccadilly Urban Park	Life Cycle Renewal	39,659	39,659	-							
PP115216 Emergency Fire Vehicle	Life Cycle Renewal	1,042,871	1,042,871	-							
RC246416 Multi Use Park Pathway	Life Cycle Renewal	296,279	296,279	-							
RC246417 Multi Use Park Pathway	Life Cycle Renewal	198,208	198,208	-							
RC2643-13 Storybook Garden Update	Life Cycle Renewal	444,537	445,579	(1,042)				(1,042)			
RC2881-15 Golf Course Lifecycle	Life Cycle Renewal	151,736	151,736	-							
RC288117 Golf Course Lifecycle	Life Cycle Renewal	91,573	91,573	-							
TS125416 Localized Roadworks	Life Cycle Renewal	492,062	492,062	-							
TS125417 Localized Roadworks	Life Cycle Renewal	460,592	460,592	-							
TS1446-15 Road Network Improvements	Life Cycle Renewal	11,879,566	11,879,566	-							
TS301416 Road Network Improvements	Life Cycle Renewal	6,484,778	6,484,778	-							
TS303716 Sidewalk Repairs and Replacements	Life Cycle Renewal	1,343,829	1,343,829	-							
TS303717 Sidewalk Repairs and Replacements	Life Cycle Renewal	1,139,058	1,139,058	-							
TS331018 Road Surface Treatment	Life Cycle Renewal	400,000	400,000	-							
TS406716 Traffic Signals Maintenance	Life Cycle Renewal	1,275,605	1,275,605	-							
TS5123-14 Street Light Maintenance	Life Cycle Renewal	1,167,175	1,167,175	-							
TS5123-15 Street Light Maintenance	Life Cycle Renewal	1,878,357	1,878,357	-							
GG154517 Municipal Buildings LCR	Life Cycle Renewal	510,000	508,596	1,404				1,404			
GG1697 Cenotaph Restoration	Life Cycle Renewal	475,200	429,413	45,787				45,787			
GG176517 Convention Centre Repairs	Life Cycle Renewal	815,668	815,668	-							
GG176518 Convention Centre Repairs	Life Cycle Renewal	548,500	548,500	-							
GG1772 Exterior Signage & Parking Garage Way Finding Enhancements	Life Cycle Renewal	450,000	166,094	283,906	Surplus due to costs incurred directly by RBC Place London, funds to be returned to the RBC Place London RF for future capital works.			283,906			
GG184118 Museum London Repairs	Life Cycle Renewal	340,000	340,000	-							
GG184119 Museum London Repairs	Life Cycle Renewal	350,000	350,000	-							
ME201702 2017 Vehicle & Equipment Replacement - Non-TCA	Life Cycle Renewal	51,086	52,057	(971)				(971)			
MU104419 Bus Purchase Replacement	Life Cycle Renewal	4,466,400	4,466,400	-							



Appendix C – Completed Capital Projects (as of December 31, 2019)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
TS116516 Warranted Sidewalks	Life Cycle Renewal	563,069	563,069	-							
DS1282 Additional Vehicles Development Services	Service Improvement	24,648	24,648	-							
GG1845 Centre at the Forks within Museum London	Service Improvement	2,500,000	2,500,000	-							
GGSERVLN1802 Website Development	Service Improvement	43,045	43,045	-							
GGSERVLN1804 PH 5 - CRM	Service Improvement	230,962	230,962	-							
MU1046 Bus Replacement Fast Track	Service Improvement	4,000,000	4,000,000	-							
MU118019 Bus Expansion	Service Improvement	300,000	300,000	-							
PD1075 Thames Valley Parkway PTIF	Service Improvement	748,364	749,998	(1,634)		(1,634)					
PD1103 New Civic Spaces (York & Wellington)	Service Improvement	313,661	306,705	6,956							6,956
PD2044 Management of Emerald Ash	Service Improvement	3,200,000	3,196,853	3,147		3,147					
PP1048 Command Car Bay Station 9	Service Improvement	500,000	468,766	31,234			31,234				
RC2651 OW Core Office Deskside	Service Improvement	567,996	567,996	-							
RC2652 OW East Office & Deskside	Service Improvement	566,172	566,172	-							
TS1027 Forestry Maintenance-Gypsy Moth	Service Improvement	250,000	250,460	(460)				(460)			
TS1140 Installation of New Pedestrian	Service Improvement	690,000	690,000	-							
TS1764 Sidewalk & Bicycle Lanes PTIF	Service Improvement	190,000	148,558	41,442		20,683					20,759
TS4011 Traffic Signal Upgrade	Service Improvement	3,643,040	3,508,061	134,979	Surplus due to favourable traffic signals purchase costs at time of procurement.		134,979				
TS5019 Pedestrian Countdown Signals PTIF	Service Improvement	200,000	200,966	(966)		(966)					
<b>TOTAL TAX SUPPORTED</b>		<b>90,739,939</b>	<b>89,643,252</b>	<b>1,096,687</b>		<b>23,794</b>	<b>211,866</b>	<b>325,373</b>	<b>507,939</b>	<b>-</b>	<b>27,715</b>
<b>WASTEWATER &amp; TREATMENT</b>											
ES3205 Stormwater Future Development Studies	Growth	250,000	6,246	243,754	Surplus due to work completed internally.				243,754		
ES4402 Extension of Stoney Creek	Growth	4,950,058	4,238,407	711,651	Surplus due to favourable tender rates for external contractor along with full contingency not required.			78,645	633,006		
ES4415 Wastewater Future Development Charge Studies	Growth	250,000	7,184	242,816	Surplus due to work completed internally.				242,816		
ES5016 Wonderland Pumping Station Optimization	Growth	356,955	182,535	174,420	Surplus due to favourable tender rates for consulting along with full contingency not required.				174,420		
ES523616 Fox Hollow Trunk Sanitary Sewer	Growth	600,000	514,988	85,012	Surplus due to favourable tender rates for external contracting along with full contingency not required.				85,012		
ES5256 Exeter Road Trunk Sanitary Sewer	Growth	3,189,338	2,459,518	729,820	Surplus due to favourable tender rates for consulting and external contracting along with full contingency not required.					729,820	
ESSWM-SB SWM Facility-Wickerson No. S-B	Growth	2,787,549	2,524,646	262,903	Surplus due to favourable land purchase costs along with full contingency not required.			13,530	249,373		



**Appendix C – Completed Capital Projects (as of December 31, 2019)**

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
ES182517 Sewer Video Inspection (CCTV)	Life Cycle Renewal	458,460	458,460	-							
ES2419 Sewer Dundas Redevelopment	Life Cycle Renewal	1,937,114	1,937,114	-							
ES2453 Applegate Stormwater Management	Life Cycle Renewal	697,000	697,000	-							
ES252318 Sewer Construction, Extensions	Life Cycle Renewal	994,507	996,990	(2,483)				(2,483)			
ES253217 Stormwater Management Facility	Life Cycle Renewal	188,606	188,606	-							
ES269317 Specialized Sewer Repairs	Life Cycle Renewal	2,922,525	2,922,525	-							
ES3073 Dingman Pumping Station & Watershed	Life Cycle Renewal	3,597,731	3,567,922	29,809			29,809				
ES3094 Greenway Section 1 Aeration Refurbishing	Life Cycle Renewal	222,975	222,975	-							
ES3106 Commissioners Road Sewer Replacement Viscount to Wonderland Rd	Life Cycle Renewal	920,000	921,827	(1,827)				(1,827)			
ES482518 Municipal Drain Reconstruction	Life Cycle Renewal	216,000	-	216,000	No municipal drain work identified in this year						216,000
ES482519 Municipal Drain Reconstruction	Life Cycle Renewal	216,000	-	216,000	No municipal drain work identified in this year						216,000
ES508417 Replacement Equipment Wastewater Treatment Plants	Life Cycle Renewal	1,588,394	1,588,394	-							
ES508418 Replacement Equipment Wastewater Treatment Plants	Life Cycle Renewal	1,270,095	1,270,095	-							
ES515017 Pumping Station Improvements	Life Cycle Renewal	153,571	153,571	-							
ES209218 Sump Pump Grant Program	Service Improvement	541,800	541,800	-							
ES2335 Sewer Relining Program CWWF	Service Improvement	1,099,000	1,096,741	2,259				565			1,694
ES2442-15 Extension of Sanitary Service	Service Improvement	23,440	16,204	7,236				7,236			
ES2464-14 Combined Sewer Separation	Service Improvement	6,296,078	6,296,078	-							
ES2469 Southland Pollution Control Plant Conversion	Service Improvement	1,550,000	1,176,635	373,365	Surplus due to favourable tender rates at time of procurement.			373,365			
ES2524 Reclamation & Naturalization of Existing Urban Watercourses CWWF	Service Improvement	204,000	197,211	6,789				1,697			5,092
ES3040-14 Minor Surface Flooding and Erosion	Service Improvement	92,140	92,140	-							
ES304017 Minor Surface Flooding	Service Improvement	194,788	194,788	-							

Appendix C – Completed Capital Projects (as of December 31, 2019)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
ES3054 Burbrook Trunk Storm Sewer Phase IV	Service Improvement	16,101,847	15,729,728	372,119	Surplus due to favourable tender rates at time of procurement.			372,119			
ES3058 Burbrook Lateral Program	Service Improvement	2,030,000	1,813,882	216,118	Surplus due to favourable tender rates for consulting and contractor at time of procurement.			136,118	80,000		
<b>TOTAL WASTEWATER &amp; TREATMENT</b>		<b>55,899,971</b>	<b>52,014,210</b>	<b>3,885,761</b>		<b>-</b>	<b>29,809</b>	<b>978,965</b>	<b>1,708,381</b>	<b>729,820</b>	<b>438,786</b>
<b>WATER</b>											
EW33122017 2019 Water Development Charge Study	Growth	250,000	26,155	223,845	Surplus due to work completed internally.				223,845		
EW377217 Water Efficiency Program	Growth	381,380	381,380	-							
EW161218 Meters & Devices	Life Cycle Renewal	358,733	373,787	(15,054)				(15,054)			
EW161219 Meters & Device	Life Cycle Renewal	332,067	332,067	-							
EW340918 Pumping Stations Annual Capital Replacement	Life Cycle Renewal	171,710	171,710	-							
EW3528 Drinking Water Quality Management Standard	Life Cycle Renewal	310,000	273,288	36,712	Future financing for this work to be undertaken through operating account as it more accurately reflects nature of the expense.			36,712			
EW3548 Watermain Cleaning and Relining - CWWF	Life Cycle Renewal	1,053,000	1,053,708	(708)				(708)			
EW3563-15 Main Rehabilitation	Life Cycle Renewal	5,282,432	5,282,432	-							
EW356316 Main Rehabilitation	Life Cycle Renewal	6,151,033	6,151,033	-							
EW356317 Main Rehabilitation	Life Cycle Renewal	4,700,968	4,700,968	-							
EW356318 Main Rehabilitation	Life Cycle Renewal	4,993,317	4,993,317	-							
EW3572 Commissioners Road Watermain Replacement	Life Cycle Renewal	1,050,000	976,548	73,452	Surplus due to favourable tender results for both consulting and contractor services.			73,452			
EW3614-12 South East Reservoir Remediation	Life Cycle Renewal	3,504,765	3,745,749	(240,984)	Insurance proceeds less than budgeted. Deficit funding source is the Water Capital Reserve Fund.			(240,984)			
EW3765-14 Main Replacement Engineering	Life Cycle Renewal	7,752,840	7,752,840	-							
EW3787-15 Main Replacement with Mjr Roadworks	Life Cycle Renewal	1,457,516	1,457,516	-							
EW384219 Replace Lead and Copper Water Services	Life Cycle Renewal	2,000,000	288,817	1,711,183	Surplus due to replacement work that was undertaken internally using available resources rather than being procured through external contractors.			1,711,183			

Appendix C – Completed Capital Projects (as of December 31, 2019)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
EW3506 Arva Pumping Station Upgrade Optimization & Energy Efficiency CWWF	Service Improvement	183,000	182,508	492				123			369
<b>TOTAL WATER</b>		<b>39,932,761</b>	<b>38,143,823</b>	<b>1,788,938</b>		<b>-</b>	<b>-</b>	<b>1,564,724</b>	<b>223,845</b>	<b>-</b>	<b>369</b>
<b>GRAND TOTAL</b>		<b>186,572,671</b>	<b>179,801,285</b>	<b>6,771,386</b>		<b>23,794</b>	<b>241,675</b>	<b>2,869,062</b>	<b>2,440,165</b>	<b>729,820</b>	<b>466,870</b>