

Report to Corporate Services Committee

To: Chair and Members
Corporate Services Committee

From: Anna Lisa Barbon, Deputy City Manager, Finance Supports

Subject: 2021 Year-End Capital Budget Monitoring Report

Date: April 19, 2022

Recommendation

That, on the recommendation of the Deputy City Manager, Finance Supports, the following actions be taken with respect to the 2021 Year-End Capital Budget Monitoring Report:

- a) the 2021 Year-End Capital Budget Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$2.33 billion with \$1.58 billion committed and \$0.75 billion uncommitted; it being further noted that the City Treasurer, or designate, will undertake the housekeeping budget adjustments identified in the Report, in accordance with the Multi-Year Budget Policy adopted by amending by-law No. CPOL.-45(b)-239;
- b) the status updates of active 2018 life-to-date capital budgets (2018 and prior) having no future budget requests, attached as Appendix “B”, **BE RECEIVED** for information;
- c) the following actions be taken with respect to the completed capital projects identified in Appendix “C”, which have a total of \$12.1 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 c) i), above:

Rate Supported

- A) pay-as-you-go funding of \$2.3 million **BE TRANSFERRED** to capital receipts;
- B) authorized debt financing of \$1.1 million **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- C) uncommitted reserve fund drawdowns of \$1.9 million **BE RELEASED** back into the reserve funds which originally funded the projects;

Non-Rate Supported

- D) uncommitted reserve fund drawdowns of \$2.6 million **BE RELEASED** back into the reserve funds which originally funded the projects;
- E) authorized debt financing of \$3.6 million **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- F) other net non-rate supported funding sources of \$647 thousand **BE ADJUSTED** in order to facilitate project closings.

Executive Summary

This report provides a summary of the results related to the 2021 capital budget for the Property Tax Supported Budget, the Water Rate Supported Budget, and the Wastewater & Treatment Rate Supported Budget.

With respect to the impacts of the COVID-19 global pandemic, in 2021 the number of contract awards have recovered and surpassed their 2018 and 2019 pre-pandemic levels. The total awarded value of these contracts continues to out-pace levels experienced prior to the onset of COVID-19 – details are provided in section 2.1. The road to recovery with respect to capital spending has been slower but progress is also visible; 2021 capital expenditures have increased to \$240.0 million; up slightly from the \$236.6 million seen in 2020.

In late 2021 and into early 2022, as a result of the global pandemic, subsequent supply chain disruptions and increased demand for certain raw materials, many capital projects in the approved capital plan are experiencing inflationary pressures. The cost of wood, steel and many other materials has increased significantly. These projects are also experiencing an increase in labour costs. These impacts have been partially offset by an influx of funding from other levels of government. Civic Administration will continue to monitor these inflationary pressures and attempt to manage the scope of these projects to reduce the impact. Should budget changes be required, these adjustments would be included in future capital budget requests.

At the end of 2021 the City's life-to-date capital budget stood at \$2.33 billion; \$1.58 billion (68%) is committed to capital work, while \$0.75 billion (32%) remains uncommitted. During the calendar year 196 discrete contract awards worth \$225.9 million were awarded; 120 by Council and 76 by Civic Administration (Appendix "A"). These awards contributed to total capital spending of \$240.0 million by the end of 2021; a near return to 2019 pre-pandemic levels.

In addition to the update provided on the status of the City's capital budget, the capital monitoring process reviews and evaluates that status for each active capital project. This report identifies capital projects with budgets greater than three years old that have no future budget requests (Appendix "B"). These projects have a high likelihood of being closed in future iterations of this report. This report recommends closing 61 capital projects with a total budget value of \$135.8 million (Appendix "C"). If approved, the closing of completed capital projects will return a total of \$12.1 million back to their original rate and non-rate sources of financing.

This report also provides a summary of the City's debt, key capital budget financing strategies, and emerging issues that may impact the 2022 to 2023 capital budgets.

Linkage to the Corporate Strategic Plan

Council's 2019 to 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.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

Corporate Services Committee, September 20, 2021 meeting, Agenda Item # 2.2, 2021 Mid-Year Capital Budget Monitoring Report <https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=85155>

Strategic Priorities and Policy Committee, April 27, 2021 meeting, Agenda Item # 4.3, 2020 Year-End Capital Budget Monitoring Report and COVID-19 Financial Impacts <https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=80256>

Strategic Priorities and Policy Committee, September 22, 2020 meeting, Agenda Item # 2.2, 2020 Mid-Year Capital Budget Monitoring Report and COVID-19 Financial Impacts <https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=74794>

1.2 Source of Financing Terminology Defined

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 utility 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.

2.0 Discussion and Considerations

2.1 COVID-19 Financial Impacts

In 2021, contract awards recovered and surpassed their 2018 and 2019 pre-pandemic levels. The total awarded value of these contracts continues to out-pace levels experienced prior to the onset of COVID-19.

Table 1 – Capital awards and total awarded value at year end

Year	Contract Awards	Total Awarded Value
2018	189	\$218.3 million
2019	171	\$189.0 million
2020	163	\$229.0 million
2021	196	\$225.9 million

Subject to rounding. 2021 details available in table 3 below.

The road to recovery with respect to capital expenditures has been slower but progress is also visible via the results below, section 2.5 – Capital Cash Flow – Figure 1, where the City’s 2021 capital expenditures have increased to \$240.0 million; up slightly from the \$236.6 million seen in 2020.

In late 2021 and into early 2022, as a result of the global pandemic, subsequent supply chain disruptions and increased demand for certain raw materials, many capital projects in the approved capital plan are experiencing inflationary pressures. The cost of wood, steel and many other materials has increased significantly. These projects are also experiencing an increase in labour costs. These impacts have been partially offset by an influx of funding from other levels of government which are summarized in section 2.10 – Emerging Issues.

2.2 2021 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 and proceed with capital projects. Each report includes a Source of Financing (SofF). Most awards are within the approved capital budget, but some awards require budget adjustments as detailed in the SofF. 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.

Other capital project awards proceed under administrative authority granted by the Procurement of Goods and Services Policy; details on these approvals are provided in an annual report from the Purchasing and Supply Division.

Table 2 summarizes 2021 life-to-date capital budget adjustments by Tax Supported, Wastewater and Treatment, and Water budgets. Appendix “A” provides details on the source of these adjustments.

Table 2 – 2021 Capital Budget Life-To-Date Revisions as of December 31, 2021 (\$Thousands)

Budget	2021 Life-to-Date Approved Budget (as of January 1, 2021)	2021 Council Budget Adjustments ¹	2021 Administrative Budget Adjustments	2021 Life-to-Date Approved Budget (as of December 31, 2021)
Tax Supported	1,430,495	4,483	2,219	1,437,197
Wastewater	632,205	4,160	158	636,523
Water	256,532	-36	57	256,553
Total	2,319,232	8,607	2,434	2,330,273

Subject to rounding.

Table Notes: (1) Small negative balance driven by the net impact of implementing budget transfers per Council direction with respect to sidewalk infrastructure.

As of December 31, 2021, there were 196 discrete contract awards worth \$225.9 million (120 were awarded by Council and 76 were awarded administratively). Table 3 summarizes 2021 year-to-date contract awards by Tax Supported, Wastewater and Treatment, and Water budgets. Appendix “A” provides details on all Council approved contract awards.

Table 3 – 2021 Capital Budget Contract Awards as of December 31, 2021 (\$Thousands)

Budget	Council Approved Contract Awards	Administration Approved Contract Awards	Total Awards
Tax Supported	84,779	34,990	119,769
Wastewater	66,538	14,503	81,041
Water	12,985	12,141	25,126
Total	164,302	61,634	225,936
Number of Contract Awards	120	76	196

Subject to rounding.

2.3 2021 Life-To-Date Capital Budget Status

A summary of the 2021 life-to-date capital budget, including the committed and uncommitted amounts, is summarized in Table 4. This information is essential for budget monitoring to ensure that spending is being managed within the approved budget.

Table 4 – 2021 Life-To-Date Capital Budget Details as of December 31, 2021 (\$Thousands)

Budget	Classification	Approved Budget ¹	Actual and Commitments ²	Uncommitted to Date ²	Percent Committed
Tax Supported	Lifecycle	440,982	318,831	122,151	72.3%
Tax Supported	Growth	663,064	359,337	303,727	54.2%
Tax Supported	Service Improvement	333,151	238,274	94,877	71.5%
Tax Supported	Sub-Total	1,437,197	916,442	520,755	63.8%
Wastewater	Lifecycle	181,151	159,333	21,819	88.0%
Wastewater	Growth	323,355	207,539	115,817	64.2%
Wastewater	Service Improvement	132,016	90,430	41,587	68.5%

Wastewater	Sub-Total	636,523	457,301	179,222	71.8%
Water	Lifecycle	161,154	137,534	23,620	85.3%
Water	Growth	86,109	67,948	18,161	78.9%
Water	Service Improvement	9,289	4,830	4,458	52.0%
Water	Sub-Total	256,553	210,313	46,240	82.0%
City	Total	2,330,273	1,584,056	746,217	
City	Percentage of Total	100.0%	68.0%	32.0%	

Subject to rounding.

Table Notes:

(1) Totals are for active projects only. Projects approved to be closed during 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 the following projects are projected to be over budget by more than \$50 thousand upon project completion:

ES2681-2 – Mud Creek East Br Phase 2 (CN to Oxford) – Includes construction phases 1a and 1b and budget for phase 2 design and construction which is anticipated in 2022-2023. The design of Phase 2 started in July 2021. It is anticipated that more budget will be required for construction of this phase, however, the amount will not be known until design is finalized.

EW3583 – Springbank Reservoir 1 and 3 – Works to remediate Springbank Reservoirs 1 and 3 will be one project with construction on one reservoir in 2022 and the other reservoir in 2023. It is anticipated that the project will be over budget. Discussions have commenced to investigate potential funding solutions and devise a recommendation for Council.

TS1306– Adelaide Street Grade Separation – Recommendation for tender award approval for RFT 21-97 Adelaide Street North CPR Underpass Project – Irregular Result. Report to Committee (CWC, March 29, 2022). At the time of this writing final Council approval is pending at the April 12, 2022 Municipal Council meeting. Additional City financing of \$29.3 million was added to this project to cover the budget shortfall that resulted after the tender responses were received.

TS1523-1 – Bradley Ave Extension – Phase 1 – This project is experiencing active legal issues which will potentially require additional funds to remedy. Once the details of a solution have been determined, Civic Administration will bring forward the required reports at the appropriate time and committee.

Appendix “B” contains a status update for capital projects with budgets greater than three years old (2018 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”.

2.4 Capital Budget Housekeeping Adjustments

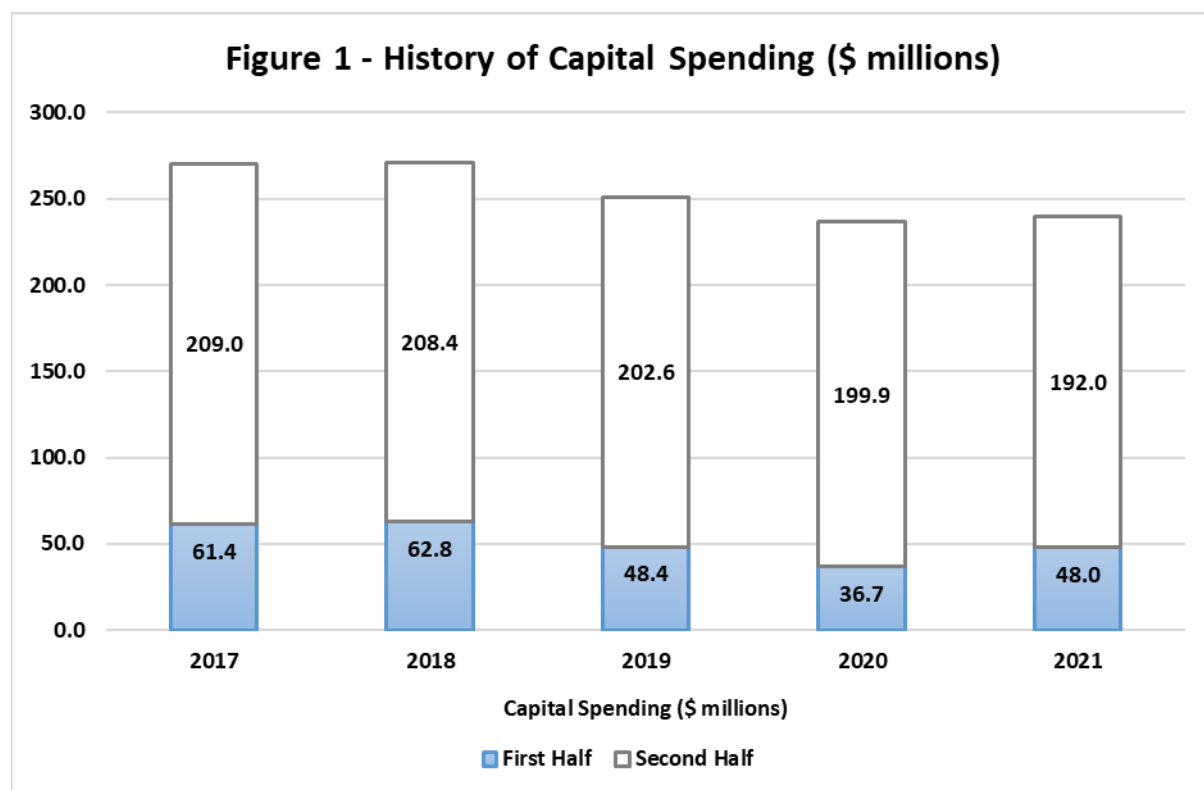
On August 10, 2021, Council approved the Council Policy Manual Review, which included the Multi-Year Budget Policy. Included in the policy is authorization for the City Treasurer or designate to make budget adjustments considered “housekeeping” in nature. These adjustments do not have a material impact 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. Furthermore, this practice results in the timely release of funding to the original source of the financing (capital receipts, reserve funds, debt, etc.), making it available for future budget approvals and reducing future budget requests for additional financing.

ES5252 – KL1B Kilally Growth Area – \$704 thousand of the remaining variance of \$754 thousand can be released. The housekeeping budget adjustment completed resulted in funding being returned to the City Services Wastewater Reserve Fund. These savings are primarily attributable to favourable tender results caused by a competitive marketplace at the time of the tender award.

2.5 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. Total capital spending tends to be greater during the latter part of the year as construction invoices are received, approved, and paid. This information is important for the timing of debt issuances, reserve fund drawdowns and cash flow management decisions.

As of December 31, 2021, **total capital spending was \$240.0 million** compared to \$236.6 million in 2020 (Figure 1 below).



2.6 Completed (Closed) Capital Projects

Civic Administration continues to undertake reviews to close capital projects in a timely manner to ensure the life-to-date capital budget is accurately stated and savings, if any, are returned to their original funding source for future budget utilization. As a result of these reviews, this report recommends closing 61 projects with a total budget value of \$135.8 million. The completed projects that are recommended to be closed were under

budget by \$12.1 million in total. The rate and non-rate source of financing impacts of closing the completed capital projects is summarized in Table 5 and 6 below. For a detailed listing of each completed capital project refer to Appendix “C”.

Table 5 – Completed Capital Projects Rate Supported Sources of Financing to be Released (\$Thousands)

Budget	Capital Levy	Debt	Reserve Funds ¹	Total
Tax Supported	2,328.6	1,077.0	-8.0	3,397.6
Wastewater	0.0	0.0	42.2	42.2
Water	0.0	0.0	1,844.9	1,844.9
Total	2,328.6	1,077.0	1,879.1	5,284.7

Subject to rounding.

Note 1 – Small negative balance is the net effect of the tax supported reserve funds in table 7 below. An immaterial amount of extra funding was required to complete the Veterans Memorial Parkway South Extension (TS1325), resulting in the value shown.

Table 6 – Completed Capital Projects Non-Rate Supported Sources of Financing to be Released (\$Thousands)

Budget	Reserve Funds ¹	Debt ¹	Other ²	Total
Tax Supported	2,136.0	3,572.7	260.8	5,969.5
Wastewater	0.0	0.0	386.3	386.3
Water	428.6	0.0	0.0	428.6
Total	2,564.6	3,572.7	647.1	6,784.4

Subject to rounding.

Table Notes:

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

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

In total, the capital project closing exercise, if approved, will release uncommitted rate and non-rate reserve fund drawdowns of \$4.5 million, of which, \$1.9 million relates to rate supported reserve funds and \$2.6 million relates to non-rate supported reserve funds. The details of these pending reserve fund drawdown releases are outlined in Table 7 and 8 below.

Table 7 – Completed Capital Projects Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)

Reserve Fund	Amount
Fire Facilities, Vehicle and Equipment Renewal Reserve Fund	0.4
Economic Development Reserve Fund	-8.4
Sewage Works Renewal Reserve Fund	42.2
Water Works Renewal Reserve Fund	1,844.9
Total	1,879.1

Subject to rounding.

Table 8 – Completed Capital Projects Non-Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)

Reserve Fund	Amount
City Services Reserve Fund Roads	2,136.0
City Services Reserve Fund Water	428.6
Total	2,564.6

Subject to rounding.

2.7 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:

Table 9 – Lifecycle Renewal Capital Budget Funding Targets

Source of Financing	Target ¹	2021	2022
Capital levy (pay-as-you-go) is the primary source	40% - 90% Capital Levy (pay-as-you-go)	63.7%	60%
Reserve funds can be used if they are eligible	10% - 40% Reserve Funds	36.0%	40%
Avoiding the use of debt financing for lifecycle renewal projects	0% Debt by 2022	0.4% ²	0%

Table Notes:

(1) Targets apply to the rate supported component only. Non-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) The 2020 to 2023 Multi-Year Budget includes minimal lifecycle renewal debt financing in 2021 before officially meeting the target in 2022.

2.8 Capital Budget Financing Strategies – Reserve Funds

Obligatory reserve funds are primarily used as a source of financing for growth projects. 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 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) **Canada Community-Building Fund** – previously known as Federal Gas Tax, funds received under the Municipal Funding Agreement for Transfer of Canada Community-Building Fund 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 and Reserve Funds – Noteworthy Developments

Civic Administration presented the Reserve Rationalization Report at the September 25, 2018, Corporate Services Committee meeting (agenda item #2.2) and the Capital Asset Renewal and Replacement Reserve Funds Rationalization Report at the September 8, 2020, Corporate Services Committee meeting (agenda item #2.1). These reports aligned a significant portion of the City's reserve and reserve fund portfolio with key Council approved financial management policies (examples include Reserve and Reserve Fund Policy, Capital Budget and Financing Policy, and Corporate Asset Management Policy). Additionally, through these reports transparency and accountability has been enhanced, target balances have been established, and administrative efficiencies realized. The recommendations of these reports have been implemented.

Civic Administration will continue similar rationalization exercises focusing on the City's special projects and new initiatives, capital asset growth, and contingency, stabilization and risk management reserves and reserve funds categories. These reports will be brought forward to Council upon completion, noting that Civic Administration's tentative plans are to complete these reports before the end of 2023.

2.9 Capital Budget Financing Strategies – Debt

A summary of the projected debt levels for 2021 is detailed in Table 10 below.

Table 10 – 2021 Debt Level as of December 31, 2021 (\$Thousands)

Category	Dec 31, 2020	Issued in 2021	Retired in 2021	Dec 31, 2021 ¹	Authorized 2021	Total Potential
Property Taxes	139,657	14,062	29,913	123,807	131,461	255,268
Wastewater	33,008	-	8,346	24,662	884	25,546
Water	549	-	337	213	-	213
Rate Supported Reserve Funds	5,786	-	2,034	3,752	-	3,752
Joint Water Boards – City's Share	9,967	-	2,446	7,522	2,335	9,856
City Services Reserve Funds	90,127	8,938	12,706	86,359	103,734	190,093
Total	279,095	23,000	55,781	246,314	238,414	484,728

Subject to rounding.

Table Note:

(1) Outstanding debt level is subject to completion of 2021 financial statement audit.

The City's Debt Management Policy was last amended by Council on August 10, 2021 (amending by-law No. CPOL.-48(a)-242). The policy establishes strategies for the management of the City's debt program. These strategies are outlined in tables 11 and 12 below.

Table 11 – Debt Management Strategies to Limit and Reduce Authorized Debt

Strategy	Target	Where Are We? / Results
Avoid the use of debt financing for lifecycle renewal projects	0% debt by 2022 for the rate supported budget	2021 results: 0.4% debt, on pace to achieve 0% debt target in 2022
Limiting debt financing by way of an internal debt cap	Average of \$36 million over 10-year capital plan for property tax supported initiatives	2021 results: forecasted 10-year average of \$33.8 million in debt financing at year end.
Reducing authorized debt as prescribed by the Surplus/Deficit and Assessment Growth Policies	No specified targets, policies direct 50% of any operating surplus and 50% of excess assessment growth funding be applied to reduce authorized debt	2021 results: 2020 year-end surplus diverted to help offset operating impacts of the COVID-19 pandemic on a one-time basis. Subject to approval of 2021 Year-End Operating Report, 2021 year-end surplus of \$1.67 million will be applied. 2021 excess assessment growth of \$34 thousand applied.
Applying surplus from the capital financing budget	No specified target, subject to available surplus	2021 results: \$4.7 million in 2021 Year-End Capital Budget Monitoring Report.

Table 12 – Debt Management Strategies to Minimize Debt Servicing Costs

Strategy	Target	Where Are We? / Results
Setting targets for debt servicing costs by budget	Debt servicing costs as a percentage of revenue: Property Tax less than 8%, Wastewater less than 10%, and Water equal to 0%	2021 results: Property Tax 5.2%, Wastewater 8.4%, Water 0.4% ¹
Maintaining a strong credit rating	Aaa (Stable)	2021 result: Aaa (Stable)

Table Note:

(1) Debt servicing costs as a percentage of revenue in the Water budget is temporarily over the established target because of prior year debt issuances, noting that the Water capital budget has not included rate supported debt financing since 2010.

2.10 Emerging Issues

This section of the report provides information on emerging issues that may impact the capital budget in 2022 and beyond. Within this section, each emerging issue is assigned a likelihood, which estimates the issues probability of impacting the 2022 to 2023 period. These likelihoods are categorized as high, medium, and low, and are defined as follows:

- High – likelihood of the issue impacting the 2022 to 2023 period is predicted to be greater than 60%.
- Medium – likelihood of the issue impacting the 2022 to 2023 period is predicted to be between 30% and 60%.
- Low – likelihood of the issue impacting the 2022 to 2023 period is predicted to be less than 30%.

PROPERTY TAX

Inflationary Pressures

As a result of COVID-19 and subsequent supply chain disruptions and increased demand for certain raw materials, many projects in the approved capital plan are experiencing inflationary pressures. The cost of wood, steel and many other materials has increased significantly. These projects are also experiencing an increase in labour costs. Civic Administration will continue to monitor these inflationary pressures and attempt to manage the scope of these projects and the City's overall capital plan to reduce the impact. Should budget changes be required, these adjustments would be included in future capital budgets.

Likelihood of Impact on 2022 to 2023 Budget - High

Infrastructure Funding

Investing in Canada Infrastructure Program (ICIP) - Public Transit Stream

The City of London was approved for ten transit related projects under this program for a total project cost of \$375 million, with \$103.1 million from the Government of Ontario, \$123.8 million from the Government of Canada and the balance of funding, approximately \$148 million, coming from municipal and other sources. Construction on some Public Transit Stream funded projects started in 2020, with most projects continuing or starting construction in 2021.

Additionally, at the January 11, 2022 Civic Works Committee meeting, Civic Administration tabled a report (which was subsequently approved by Council) outlining seven additional projects totaling \$40 million that were submitted through the recently opened Intake 3 of the Public Transit Stream of ICIP. Funding to support the City's share of these projects, if approved, is included in the approved capital plan.

Investing in Canada Infrastructure Program (ICIP) - Community, Culture and Recreation Infrastructure Stream

This stream supports community infrastructure priorities. The City of London was approved for two projects under this stream.

1. Labatt Park - \$2.0 million. This project includes the installation of accessible washrooms, repair and replacement of bleachers, and replacement of sport lighting. Construction is scheduled to start September 30, 2022, with completion scheduled by April 30, 2023.
2. Carling Heights Optimist Community Centre (CHOCC) - \$1.9 million. This project includes a teaching kitchen space, installation of an elevator, and other building renewal components. Construction is scheduled to start March 31, 2023, with completion scheduled by March 31, 2024.

Investing in Canada Infrastructure Program (ICIP) - COVID-19 Community Resilience Stream

The COVID-19 Resilience Infrastructure Stream is to help with social and economic recovery from COVID-19. In October 2020, the Government of Ontario announced that London's allocation under this program was \$5.5 million and subsequently approved two categories of projects under this stream. All projects are under construction.

1. Active Transportation - \$3.75 million. This project includes new cycling facilities, boulevard bicycle path improvements and downtown sidewalk improvements.
2. Recreation Facilities - \$1.75 million. This project includes HVAC rehabilitation at the Carling and Stronach arenas and the Boyle Community Centre.

Green and Inclusive Community Buildings Program (GICB)

In December 2020, the federal government recognized that municipal and community buildings play a role in Canada's climate response and allocated \$1.5 billion for retrofits, repairs or upgrades of existing buildings and the construction of new public buildings.

The GICB program opened in April 2021 and in July and August 2021, Civic

Administration submitted three applications under this program.

1. Southeast Community Centre and Library (New) - \$25 million requested
2. Nichols Arena Deep Energy Retrofit - \$2.4 million requested
3. Kinsmen Arena Deep Energy Retrofit - \$2.2 million requested

Applications under \$3 million are to be considered on a continuing basis, while applications over \$3 million will be considered through a competitive evaluation based on eligibility criteria. London is waiting for approval on these applications.

Canada Community Revitalization Fund (CCRF)

On June 24, 2021, the Federal Government announced the Canada Community Revitalization Fund (CCRF), a national investment of \$500 million to help communities build and improve community infrastructure projects to mitigate the effects of the COVID-19 pandemic. The guidelines focused on downtown or downtown-type areas of the city.

Civic Administration submitted seven applications. Two applications were not approved, three were forwarded to the Tourism Relief Fund (see below) and the last two, the village green in Hyde Park and the parkette between RBC Place and King Street, remain outstanding.

Tourism Relief Fund (TRF)

The Tourism Relief Fund (TRF), a national investment of \$500 million over two years, supports tourism businesses and organizations to adapt their operations to meet public health requirements while investing in products and services to facilitate their future growth. One application was submitted combining three applications previously submitted to the CCRF program; wayfinding signage and kiosks in the core area, street closure activation infrastructure, and expansion of traffic box wraps in the core. Civic Administration is awaiting a final notification on this application.

Likelihood of Impact on 2022 to 2023 Budget - High

Zero-Emission Bus Implementation Plan and Funding

On February 10, 2021, the Federal Government announced \$14.9 billion over the next eight years to support public transportation projects across Canada. On August 10, 2021, the Minister of Infrastructure and Communities announced a \$2.75 billion Zero Emission Transit Fund, a five year national program to help communities to support the purchase of 5,000 zero emission public transit and school buses and associated infrastructure.

The Zero Emission Transit Fund will support both Planning and Design Projects including studies, modelling and feasibility analysis, and Capital Projects including buses, charging and refueling infrastructure. Infrastructure Canada will provide direct funding contributions to support planning and capital projects and will also work with the Canada Infrastructure Bank which will provide flexible financing solutions through a \$1.5 billion Zero Emission Bus initiative.

On August 25, 2021, the London Transit Commission received preliminary information from the Canadian Urban Transit Research and Innovation Consortium (CUTRIC) on the Zero-Emission Bus (ZEB) Implementation Strategy they are conducting for London. The approach recommends ten 40' battery electric buses and related charging infrastructure including three high-powered overhead charging units (installed at facility or on-road) and four low-powered plug-in charging units (installed at facility). A business case was submitted and approved as part of the 2022 Budget Update for \$26.0 million, including required facilities work to upgrade the grid connection, install the required charging equipment, and retrofit facilities to accommodate the zero-emission buses. This business case was developed on the assumption that up to 50% of the costs of the initiative will be pursued through the Zero Emission Transit Fund. The implementation strategy is anticipated to provide further details upon its completion in Spring 2022.

LTC Administration will continue to monitor this program and work with Civic Administration to complete any forms or expressions of interest required to ensure that London is able to receive a share of this funding.

LTC administration was also directed to continue discussions with CUTRIC regarding London's participation in a ZEB turnkey joint procurement initiative which will assist transit agencies and operators in leveraging the economies of scale associated with ZEBs and charging/fueling infrastructure.

Likelihood of Impact on 2022 to 2023 Budget - High

Corporate Asset Management Plan

On August 27, 2019 Municipal Council approved the 2019 Corporate Asset Management Plan (AMP), an update to the 2014 AMP, which is compliant with O.Reg 588/17 for directly owned City assets. On July 26, 2021, the Corporate AMP 2021 Review was released which showed that the City of London owns and maintains assets with a replacement value of approximately \$22.2 billion (including Water and Wastewater) and that the City manages its infrastructure to keep it in generally 'Good' condition. Projected spending on lifecycle assets will be more than \$1.8 billion over ten years resulting in an infrastructure investment gap of roughly \$666.9 million over the cumulative 10-year period of 2021 to 2030.

To address the infrastructure gap, Municipal Council approved additional funding for the Capital Infrastructure Gap Reserve Fund through the 2020 to 2023 Multi-Year Budget. The City will also address the gap through different financial strategies including pursuing funding from external sources, incorporating reinvestment rate concepts through assessment growth business cases, and, continuing to utilize one-time funding where available.

Likelihood of Impact on 2022 to 2023 Budget – High

Affordable Housing – “Roadmap to 3,000 Unit” Plan

On December 7, 2021, Municipal Council approved the “Roadmap to 3,000 Affordable Units” (Roadmap), a plan to achieve the Council endorsed target of 3,000 units by 2026. The Roadmap proposes a variety of tools, plans, investments, and approaches. Municipal Council directed Civic Administration to immediately advance action plans related to implementation and approved municipal sources of financing to implement the Roadmap, noting that a variety of funding sources, particularly various City reserves and reserve funds, were utilized to fund the capital portion of the plan. The approval of this plan may constrain funding availability for other significant initiatives in future years.

Likelihood of Impact on 2022 to 2023 Budget – Medium

Climate Emergency Action Plan

On April 24, 2019, Municipal Council declared a climate emergency. On November 26, 2019, Council approved a series of actions to be completed to address the climate emergency, including the development of a Climate Emergency Action Plan (CEAP) and the creation and implementation of a Climate Emergency Evaluation Tool (now referred to as the Climate Lens Process). Several progress updates were provided in 2020 and 2021 leading up to the February 8, 2022 Strategic Priorities and Policy Committee Draft Climate Emergency Action Plan report. As outlined in that report, many actions listed within the CEAP Workplans in 2022 and 2023 can be implemented within existing budgets and by utilizing existing City resources. However, investment in climate action over the full term of the CEAP (to 2050) by the City, businesses and residents is anticipated to be **significant**; some investments are anticipated to align with, augment and sometimes replace planned future spending. It is anticipated that many CEAP investments may result in opportunities for net operating savings.

Subject to approval of the recommendations in the Draft Climate Emergency Action Plan report, Civic Administration will develop a detailed Climate Change Investment and

Implementation Plan for all the CEAP initiatives requiring additional funding. Determining the scope, timing and pace of CEAP investments will be critical to support development of the City's 2023-2027 Strategic Plan and 2024-2027 Multi-Year Budget, as well as future strategic plans and multi-year budgets. The investment required to support all initiatives in the CEAP cannot be borne entirely by the City of London. Support from federal and provincial partners will be critical to ensuring the successful implementation of many initiatives.

Likelihood of Impact on 2022 to 2023 Budget - Low

Excess Soils

Ministry (MECP) Regulation (406/19) has a new framework for the excavation, removal and transport of "excess soils" between two or more sites. This new framework will apply to some roads projects that generate "excess soil." There is uncertainty to the extent of this impact, but the City should anticipate potential pressures on the some capital plans.

Likelihood of Impact on 2022 to 2023 Budget - Low

WASTEWATER & WATER

Corporate Asset Management Plan 2021 Update (Water; Wastewater)

The Corporate Asset Management Plan outlines the City's plans for the management of its \$22.2 billion worth of infrastructure. According to the update completed in 2021, the City of London owns and maintains approximately \$15.9 billion worth of water and wastewater assets representing 71% of all City owned assets. The plan identified a 10-year cumulative infrastructure gap for the City's stormwater and wastewater systems of \$11.9 million. The City's water system currently does not have a 10-year infrastructure gap.

Based on this update and given the present asset information, the projected investment suggested in the 20-year plan is appropriate. Staff will continue to monitor the infrastructure gaps and will adjust if necessary. Staff will continue to monitor the wastewater infrastructure gap including undertaking study work to provide higher quality information to better quantify the Wastewater Treatment Infrastructure gap moving forward.

Likelihood of Impact on 2022 to 2023 Budget - High

Increase in Capital Project Costs (Water; Wastewater)

The construction industry is currently experiencing many challenges, two of which include supply chain disruptions and the escalation of commodity prices. Other factors include changes with new requirements, legislation, and market factors, which may have a significant impact on capital project costs, and potentially lead to claims from contractors in existing contracts. Additionally, contracts are expected to take longer to deliver, which will have a corresponding impact on consulting fees.

With knowledge and experience from current projects, risk exposure is evaluated on every project during the design phase to minimize financial pressures and schedule impacts. It should however be noted that market conditions will have an impact on project costs to some extent, and it is anticipated there will be continued inflationary pressures in the short term. Civic Administration is monitoring industry trends and will ensure measures are in place to mitigate risks, construction cost escalation and industry-wide supply chain issues.

Likelihood of Impact on 2022 to 2023 Budget - Medium

Excess Soils (Water; Wastewater)

Ministry (MECP) Regulation (406/19) has a new framework for the excavation, removal and transport of "excess soils" between two or more sites. This new framework will apply to most construction projects that generate "excess soil." There is some

uncertainty to what extent the costs of our capital projects will be impacted. As a result, the City should anticipate potential pressures on the Water/Wastewater capital plans.

City staff are currently attempting to manage the financial impact of the Regulation by reviewing current processes, amending construction contracts, developing partnerships and evaluating strategic considerations. It is anticipated that as the industry adapts to the requirements of the Regulation, the anticipated or actual costs to specific projects will be better defined during the planning and design process. In addition, City staff are working with the engineering consulting community to promote the reuse of soils during capital projects.

Likelihood of Impact on 2022 to 2023 Budget - Medium

Climate Emergency Action Plan (Flood Proofing and Protection) (Wastewater)

Flood proofing of several of the City's wastewater treatment plants and flood control dykes have been identified in the previous 2015 to 2019 corporate strategic plan. It was anticipated that funding would be available as part of the Federal/Provincial infrastructure program. The City of London was successful in securing \$19.8 million in federal funding to support the Adelaide and Greenway Wastewater Treatment Plant Flood Protection Project.

There are still several remaining wastewater infrastructure projects that require federal/provincial funding. If the federal/provincial program is canceled, a strategy for addressing this need will need to be established as part of the budget update process. This would leave the future phases of several major infrastructure projects incomplete and inoperative. One specific example is the pumping station required for the Vauxhall/Pottersburg interconnection. City staff are monitoring the situation with other levels of government and advocating on behalf of these funding programs while also looking for other grant programs to help offset future costs.

Likelihood of Impact on 2022 to 2023 Budget - Low

Canada-Ontario Lake Erie Action Plan (Wastewater)

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% 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. The timing and funding of these actions is directly linked with the availability of federal and provincial funding. The City currently has two funding agreements related to this: a transfer payment agreement was received from the Ministry of Environment and Parks (MECP) for funding to reduce pollution from construction runoff through citizen and industry engagement. The funding allocation for this program is \$20,000. MECP also provided the City with a funding agreement for improving monitoring and public reporting of sewage overflows and bypasses, and the funding allocation for this program \$638,643. Staff will continue to monitor the availability of funding and will submit other applications for this work at every opportunity.

Likelihood of Impact on 2022 to 2023 Budget - Low

Conclusion

Key items included in the 2021 Year-End Capital Budget Monitoring Report include the following:

The 2021 life-to-date capital budget:

- \$1.58 billion (68.0%) of the \$2.33 billion 2021 life-to-date capital budget is committed, leaving \$0.75 billion (32.0%) of approved capital funding uncommitted.

- A status update for active 2018 life-to-date capital budgets (2018 and prior) that have no future budget requests is provided in Appendix “B”.

A total of 61 completed capital projects with a total budget value of \$135.8 million and surplus of \$12.1 million are recommended to be closed with surplus funding returned to the original source of financing (Appendix “C”).

Emerging issues were identified that may impact the capital budget in the 2022 to 2023 period. Civic Administration will continue to monitor these issues and report back to Council and the community in a timely manner.

Prepared by: Jason Davies, CPA, CMA, Manager III, Financial Planning and Policy

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Recommended by: Anna Lisa Barbon, CPA, CGA, Deputy City Manager, Finance Supports

Cc: Alan Dunbar – Manager III, Financial Planning and Policy
Ian Collins – Director, Financial Services
John Millson – Senior Financial Business Administrator
Meng Liu – Senior Financial Business Administrator

Attachments:

Appendix A - 2021 Capital Budget Activity (Life-To-Date December 31, 2021)

Table 1 - 2021 Council Awards Details

Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21001	2021-01-19	Transportation Services	Appointment of Consulting Engineer - Oxford Street West & Gideon Drive Intersection Improvements	177,541	177,541
21002	2021-01-18	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	178,894	0
21003	2021-01-18	Transportation Services	Property Purchase - Dingman Drive Road Improvements Project	144,050	0
21004	2021-01-19	Corporate, Operational and Council Services	RFP20-72 Supply and Delivery of Medium Duty Crew Cab Trucks	263,361	0
21004	2021-01-19	Wastewater and Treatment	RFP20-72 Supply and Delivery of Medium Duty Crew Cab Trucks	325,786	0
21005	2021-01-19	Wastewater and Treatment	Appointment of Consulting Engineer - Springbank Dam Decommissioning	334,096	0
21006	2021-01-19	Water	RFP20-60 Large Diameter Watermain Inspection	1,059,877	0
21007	2021-01-19	Environmental Services	Appointment of Consulting Engineer - W12A Landfill Site Proposed Expansion	62,074	0
21008	2021-01-18	Transportation Services	Property Purchase - Southdale Road West Improvements Project	252,185	0
21009	2021-02-09	Transportation Services	Appointment of Consulting Engineer - Cycling Projects	245,743	0
21010	2021-02-09	Wastewater and Treatment	Appointment of Consulting Engineer - Carling Creek Stormwater Servicing Master Plan	172,314	0
21011	2021-02-09	Wastewater and Treatment	Appointment of Consulting Engineer - Metamora Stormwater Outfall Replacement	166,316	0
21012	2021-02-09	Wastewater and Treatment	Consulting Contract Increase - Mud Creek Channel Reconstruction	358,572	0
21013	2021-02-08	Transportation Services	Property Purchase - Dingman Drive Road Improvements Project	149,216	0
21014	2021-03-01	Protective Services	Single Source SS21-08 Infrastructure Managed Services and Core Upgrade for Emergency Communications System	754,042	0
21015	2021-02-09	Corporate, Operational and Council Services	RFP20-61 Supply and Delivery of Combination Sewer Cleaning Truck	372,628	0
21015	2021-02-09	Wastewater and Treatment	RFP20-61 Supply and Delivery of Combination Sewer Cleaning Truck	227,636	0
21016	2021-02-09	Transportation Services	T21-01 Downtown Loop and Municipal Infrastructure Improvements	6,057,099	644,315
21016	2021-02-09	Wastewater and Treatment	T21-01 Downtown Loop and Municipal Infrastructure Improvements	2,226,840	0
21016	2021-02-09	Water	T21-01 Downtown Loop and Municipal Infrastructure Improvements	890,564	0
21017	2021-02-09	Transportation Services	Appointment of Consulting Engineer - Cycling Projects	261,706	0
21021	2021-03-02	Wastewater and Treatment	Appointment of Consulting Engineer - Greenway and Adelaide Wastewater Treatment Plants	309,903	123,961
21022	2021-03-02	Water	RFT20-23 Watermain Cleaning and Relining Program	986,485	0
21023	2021-03-02	Protective Services	Upgrade the Computer Aided Dispatch System and Migrate to OnCall Analytics	286,978	0
21025	2021-03-01	Transportation Services	Property Purchase - Southdale Road West Improvements Project	154,868	0
21026	2021-03-02	Transportation Services	Appointment of Consulting Engineer - Dingman Drive Improvements	499,057	0
21027	2021-03-02	Environmental Services	Appointment of Consulting Engineer - New Landfill Gas Flaring Station	224,919	0
21029	2021-03-01	Transportation Services	Property Purchase - Wellington Gateway Project	504,998	0
21031	2021-03-30	Wastewater and Treatment	RFT21-11 Infrastructure Renewal Program - Burlington Street and Paymaster Avenue	2,379,441	0
21031	2021-03-30	Water	RFT21-11 Infrastructure Renewal Program - Burlington Street and Paymaster Avenue	1,586,295	0
21032	2021-03-30	Transportation Services	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	1,520,224	0
21032	2021-03-30	Wastewater and Treatment	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	2,768,150	0
21032	2021-03-30	Water	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	1,842,966	0
21033	2021-03-30	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Talbot Street	188,983	0
21033	2021-03-30	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Talbot Street	125,989	0
21034	2021-03-30	Parks, Recreation and Neighbourhood Services	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	5,399	0
21034	2021-03-30	Transportation Services	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	708,116	0
21034	2021-03-30	Wastewater and Treatment	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	2,432,395	91,750
21034	2021-03-30	Water	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	1,088,259	0
21035	2021-03-30	Social and Health Services	Single Source SS21-12 Architect to Act as Prime Consultant for Dearness Home Auditorium Expansion	214,714	0
21036	2021-04-20	Economic Prosperity	RFT21-07 Innovation Parks Assumption Works	2,718,771	0
21036	2021-04-20	Wastewater and Treatment	RFT21-07 Innovation Parks Assumption Works	575,333	0
21038	2021-03-30	Parks, Recreation and Neighbourhood Services	Invasive Species Management Update and Funding Plan	375,000	375,000
21039	2021-03-29	Transportation Services	Property Purchase - Wonderland Road Improvements	490,429	0

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Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21043	2021-03-30	Environmental Services	Updated Environmental Assessment Consulting Costs - W12A Landfill Site	210,495	0
21051	2021-05-11	Transportation Services	Supply and Delivery of Intersection Detection Systems	583,997	0
21052	2021-04-20	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Regent Street and Maitland Street	60,461	0
21052	2021-04-20	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Regent Street and Maitland Street	295,190	0
21053	2021-04-20	Wastewater and Treatment	Greenway Wastewater Treatment Plan UV Disinfection Equipment	1,385,299	0
21054	2021-04-20	Wastewater and Treatment	RFT21-23 Infrastructure Renewal Program and Mornington Stormwater Management Pond Expansion	3,770,801	0
21054	2021-04-20	Water	RFT21-23 Infrastructure Renewal Program and Mornington Stormwater Management Pond Expansion	780,079	0
21055	2021-04-19	Economic Prosperity	Property Purchase - Innovation Industrial Park	356,615	0
21056	2021-04-26	Parks, Recreation and Neighbourhood Services	Subdivision Special Provisions - W3 Subdivision	94,671	0
21056	2021-04-26	Wastewater and Treatment	Subdivision Special Provisions - W3 Subdivision	229,575	0
21059	2021-04-26	Wastewater and Treatment	Subdivision Special Provisions - Colonel Talbot Developments Inc.	257,953	0
21061	2021-05-11	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Sackville Street and Watson Street	388,101	0
21061	2021-05-11	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Sackville Street and Watson Street	112,502	0
21062	2021-05-11	Wastewater and Treatment	RFT21-19 Dingman Creek Pumping Station	22,774,945	5,828,200
21065	2021-05-11	Transportation Services	Appointment of Consultant - Sarnia Road/Philip Aziz and Western Road Environmental Assessment	315,436	0
21066	2021-05-11	Corporate, Operational and Council Services	RFP21-30 Supply and Delivery of Hydraulic Drum Brush Chippers	355,799	0
21066	2021-05-11	Parks, Recreation and Neighbourhood Services	RFP21-30 Supply and Delivery of Hydraulic Drum Brush Chippers	32,970	0
21067	2021-05-10	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	169,408	0
21068	2021-05-10	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	170,799	0
21070	2021-05-11	Wastewater and Treatment	Wilton Grove Sanitary Sewer Replacement	318,896	0
21073	2021-06-01	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Assignment A, C, D, F	938,240	0
21073	2021-06-01	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Assignment A, C, D, F	625,490	0
21074	2021-06-01	Wastewater and Treatment	Purchase of Rotary Drum Thickener for Greenway Wastewater Treatment Plant	190,352	0
21075	2021-06-01	Wastewater and Treatment	Emergency Repair of Dewatering Centrifuge for Greenway Wastewater Treatment Plant	152,640	0
21078	2021-05-31	Transportation Services	Property Purchase - Downtown Loop and Municipal Infrastructure Improvements	409,760	127,690
21079	2021-05-31	Transportation Services	Property Purchase - Downtown Loop and Municipal Infrastructure Improvements	723,790	723,790
21080	2021-06-01	Transportation Services	Appointment of Consulting Engineer - White Oaks Road 2-Lane Upgrades	253,961	0
21082	2021-05-31	Wastewater and Treatment	Subdivision Special Provisions - Landea Creekview	380,104	0
21082	2021-05-31	Water	Subdivision Special Provisions - Landea Creekview	27,256	0
21083	2021-06-01	Transportation Services	RFT21-63 Hyde Park Road and Sunningdale Road West Roundabout	3,786,142	0
21083	2021-06-01	Water	RFT21-63 Hyde Park Road and Sunningdale Road West Roundabout	147,659	0
21087	2021-06-22	Wastewater and Treatment	Appointment of Consulting Engineer - Mud Creek Phase 2	574,128	0
21088	2021-06-22	Water	Appointment of Consulting Engineer - Hyde Park Pumping Station	132,752	0
21089	2021-06-22	Water	Large Diameter Watermain Inspection	593,126	0
21090	2021-06-21	Wastewater and Treatment	Subdivision Special Provisions - Summerside Subdivision	79,947	0
21091	2021-06-21	Wastewater and Treatment	Subdivision Special Provisions - Parker Jackson Subdivision	979,249	0
21091	2021-06-21	Water	Subdivision Special Provisions - Parker Jackson Subdivision	66,999	0
21091	2021-06-21	Transportation Services	Subdivision Special Provisions - Parker Jackson Subdivision	432,333	0
21094	2021-06-21	Transportation Services	Subdivision Special Provisions - Sunningdale Crossing Subdivision	176,627	0
21095	2021-06-21	Transportation Services	Property Purchase - Wellington Gateway Project	726,057	0
21096	2021-06-21	Transportation Services	Property Purchase - Wellington Gateway Project	521,889	0
21097	2021-06-21	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	161,832	0

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Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21098	2021-06-21	Wastewater and Treatment	Subdivision Special Provisions - Sunningdale Court Subdivision	617,066	177,024
21098	2021-06-21	Parks, Recreation and Neighbourhood Services	Subdivision Special Provisions - Sunningdale Court Subdivision	379,137	0
21101	2021-06-22	Parks, Recreation and Neighbourhood Services	Single Source - South-West Optimist District Park	190,158	0
21103	2021-06-22	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Victoria Street and Quebec Street	523,358	0
21103	2021-06-22	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Victoria Street and Quebec Street	247,559	0
21103	2021-06-22	Transportation Services	Appointment of Consulting Engineer - Infrastructure Renewal Program - Victoria Street and Quebec Street	167,494	0
21104	2021-06-22	Transportation Services	RFT21-54 At-Grade Rail Crossing Improvements	498,511	0
21105	2021-06-22	Wastewater and Treatment	Appointment of Consulting Engineer - Dingman Creek Subwatershed	710,823	0
21107	2021-06-21	Transportation Services	Property Purchase - Wellington Gateway Project	522,154	0
21108	2021-06-22	Corporate, Operational and Council Services	RFP21-33 Supply and Delivery of CNG Front Loading Waste Disposal Trucks	826,261	0
21109	2021-06-22	Transportation Services	Single Source - Additional Ravo Street Sweeper	215,307	0
21110	2021-06-22	Wastewater and Treatment	RFT21-68 Mud Creek Flood Reduction and Channel Rehabilitation	3,619,149	0
21116	2021-07-26	Wastewater and Treatment	Subdivision Special Provisions - Thames Village Subdivision Phase 2 and 3	121,180	0
21116	2021-07-26	Transportation Services	Subdivision Special Provisions - Thames Village Subdivision Phase 2 and 3	74,673	0
21118	2021-07-27	Water	Emergency Purchase of a MagnaDrive Adjustable Speed Drive	96,043	0
21119	2021-07-26	Transportation Services	Settlement Agreement - Fanshawe Park Rd and Richmond St Intersection Improvements	169,907	0
21123	2021-08-31	Environmental Services	South London Air Monitoring Network	309,341	0
21124	2021-07-26	Economic Prosperity	Property Acquisition, Industrial Land	4,424,929	0
21125	2021-07-26	Parks, Recreation and Neighbourhood Services	Property Acquisition, Parks Planning & Operations	2,044,179	2,044,179
21137	2021-08-30	Transportation Services	Property Acquisition, Sunningdale Road Improvements	285,406	0
21138	2021-08-30	Transportation Services	Property Acquisition, Sunningdale Road Improvements	384,879	0
21139	2021-08-31	Parks, Recreation and Neighbourhood Services	Purchase of Tow-Behind Forestry Stump Cutter	51,491	0
21140	2021-08-31	Wastewater and Treatment	McNay Drain Rehabilitation	394,305	0
21141	2021-08-31	Wastewater and Treatment	West London Dyke Reapplication of Anti-Graffiti Coating	222,971	0
21142	2021-08-31	Wastewater and Treatment	RFP21-52 Culvert Inventory and Condition Assessment	121,636	0
21143	2021-08-31	Wastewater and Treatment	Stormwater Management Facility Build-out Sediment Study	278,415	0
21144	2021-08-31	Wastewater and Treatment	Hyde Park EA SWM Works	306,331	0
21145	2021-08-31	Wastewater and Treatment	Wastewater Treatment Plant Condition Assessment	296,287	0
21147	2021-08-30	Transportation Services	Property Acquisition, Wellington Gateway Project	550,151	0
21148	2021-08-30	Transportation Services	Property Acquisition, Wellington Gateway Project	552,186	0
21149	2021-08-30	Wastewater and Treatment	Property Acquisition, Stanton Drain Remediation Project	574,629	0
21151	2021-08-31	Wastewater and Treatment	RFT21-88 Dingman Creek Southwinds Natural Channel Reconstruction	4,015,991	637,744
21151	2021-08-31	Parks, Recreation and Neighbourhood Services	RFT21-88 Dingman Creek Southwinds Natural Channel Reconstruction	200,000	0
21153	2021-08-31	Protective Services	London Fire Department Emergency Apparatus Procurement	914,156	684,156
21154	2021-08-31	Protective Services	London Fire Department Single Source Apparatus Procurement	857,232	773,000
21156	2021-08-30	Transportation Services	Settlement Agreement - Western Road Widening	358,195	0
21160	2021-09-24	Transportation Services	Kensington Bridge - Environmental Assessment	257,330	0
21163	2021-09-21	Wastewater and Treatment	West London Dyke Norman Bradford Bridge Concrete Repairs	49,862	0
21163	2021-09-21	Parks, Recreation and Neighbourhood Services	West London Dyke Norman Bradford Bridge Concrete Repairs	39,954	0
21163	2021-09-21	Transportation Services	West London Dyke Norman Bradford Bridge Concrete Repairs	89,817	0
21164	2021-09-21	Transportation Services	Property Acquisition, Wellington Gateway Project	680,571	0
21169	2021-10-12	Transportation Services	Property Acquisition, Bradley Avenue Extension	497,905	0
21170	2021-10-12	Transportation Services	Property Acquisition, Downtown Loop	547,992	547,992
21171	2021-10-18	Water	Subdivision Special Provisions, Wagner Phase 1	23,003	0
21171	2021-10-18	Transportation Services	Subdivision Special Provisions, Wagner Phase 1	372,838	0
21172	2021-11-02	Wastewater and Treatment	RFP21-56 Supply and Installation of Cured-in-place-pipe Sewer Lines	4,415,366	0

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Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21173	2021-11-02	Water	Trunk Watermain and Pumping Station Growth Study	239,230	0
21174	2021-11-02	Wastewater and Treatment	Meadowlilly Road Area Environmental Assessment	77,759	0
21174	2021-11-02	Planning and Development Services	Meadowlilly Road Area Environmental Assessment	128,886	0
21176	2021-11-01	Economic Prosperity	Property Acquisition, Innovation Industrial Park	260,725	0
21177	2021-11-01	Transportation Services	Property Acquisition, Bradley Avenue Extension	260,424	0
21178	2021-11-01	Transportation Services	Property Acquisition, Wellington Gateway Project	700,265	0
21179	2021-11-02	Economic Prosperity	RFP21-07 Innovation Park Phase 5	236,654	0
21180	2021-11-02	Environmental Services	RFP21-38 Supply and Delivery of CNG Waste Collection Trucks	2,346,088	0
21181	2021-11-02	Transportation Services	Property Acquisition, Wellington Gateway Project	519,883	0
21182	2021-11-01	Planning and Development Services	RFP21-57 ReThink Zoning Consulting	686,849	0
21185	2021-12-14	Transportation Services	Settlement Agreement, Fanshawe Park Rd and Richmond St Intersection	64,933	0
21187	2021-12-14	Transportation Services	Highbury Avenue South Rehabilitation	289,179	0
21188	2021-11-23	Wastewater and Treatment	T21-98 Downtown Loop Phase 2	5,123,380	0
21188	2021-11-23	Water	T21-98 Downtown Loop Phase 2	2,017,690	0
21188	2021-11-23	Transportation Services	T21-98 Downtown Loop Phase 2	11,867,880	1,201,807
21189	2021-11-22	Wastewater and Treatment	Subdivision Special Provisions - Summerside Subdivision	123,041	0
21190	2021-11-23	Culture Services	RFT21-112 People and the City Monument Restoration	552,808	126,454
21191	2021-11-23	Social and Health Services	Request for Funding from Vision SoHo Alliance	11,200,000	0
21192	2021-11-22	Transportation Services	Settlement Agreement, Adelaide Street Grade Separation	381,651	0
21193	2021-11-23	Corporate, Operational and Council Services	RFT21-37 Supply and Delivery of CNG Waste Collection Trucks	2,906,000	0
21193	2021-11-23	Environmental Services	RFT21-37 Supply and Delivery of CNG Waste Collection Trucks	7,987,621	0
21194	2021-12-14	Transportation Services	Supply and Delivery of Transit Signal Priority	1,822,904	0
Total				164,302,515	14,284,603

Appendix A - 2021 Capital Budget Activity (Life-To-Date December 31, 2021)

Table 2 - 2021 Council Approved Budget Adjustments Details

Budget	Description	Budget Adjustment
Property Tax	2021 Assessment Growth	225,737
Property Tax	Adjustments resulting from various Council approved reports	-3,168,259
Wastewater and Treatment	Adjustments resulting from various Council approved reports	-2,698,555
Water	Adjustments resulting from various Council approved reports	-35,503
Total		-5,676,580

Appendix A - 2021 Capital Budget Activity (Life-To-Date December 31, 2021)

Table 3 - Council Approved Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	84,779,497	7,425,924
Wastewater and Treatment Budget	66,538,005	6,858,679
Water Budget	12,985,013	0
Subtotal Council Awards and Budget Adjustments	164,302,515	14,284,603

Table 4 - Administrative Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	34,990,205	240,108
Wastewater and Treatment Budget	14,502,699	24,348
Water Budget	12,141,306	0
Subtotal Administrative Awards and Budget Adjustments¹	61,634,210	264,456

Notes:

1) Civic Administration source of financing awards are in accordance with the Procurement of Goods and Services Policy and are reported annually through that process.

Table 5 - Combined Council Approved and Administrative Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	119,769,702	7,666,032
Wastewater and Treatment Budget	81,040,704	6,883,027
Water Budget	25,126,319	0
Total Council Approved and Administrative Awards and Budget Adjustments	225,936,725	14,549,059

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES2334	Sewer Separation & Infrastructure Renewal Planning - CWWF	Life Cycle Renewal	Environmental Services	2,689,769	2,545,849	143,920	Q2 2022	Design work on Talbot St. complete. Variance at year-end is due to full contingency not being required. Project to remain open until PO can be closed.
ES2436	Weeping Tile Disconnection	Service Improvement	Environmental Services	1,151,936	19,015	1,132,921	Q4 2022	This funding will be used to subsidize work to disconnect weeping tiles from the sanitary sewer system. Neighborhoods will be targeted based on historical evidence of flooding, and chosen based on resident participation. Targeted Weeping Tile Disconnection Program is underway, 2022 will target Augusta Cres. Augusta is an application based program, more streets will be targeted in the future so project is staying open until the service area determines appropriate candidates.
ES2476	Elliot-Laidlaw Remediation	Life Cycle Renewal	Environmental Services	200,000	0	200,000	Q4 2023	Project needs to be assessed with Dingman Creek Stage 2 Lands EA that is currently underway and scheduled for completion in Q2 2024.
ES2681	Mud Creek East BR Stormwater	Growth	Environmental Services	9,259,800	9,301,918	-42,118	Q4 2023	Current construction to be complete in 2022 with a subsequent warranty period. Phase 1 project split into two sub-phases for construction. Phase 1A construction completed in 2021 with end of warranty in 2022. Phase 1B under construction with end of construction in 2022 and end of warranty in 2023. Variance will not be negative once some of the open PO's are closed.
ES3020-HP6	SWM Facility - Hyde Park No. 6	Growth	Environmental Services	2,416,700	1,256,496	1,160,204	Q4 2024	ES3030-HP6 and ES3020-HP5 will be used for the Hyde Park EA Addendum design/construction works. The design assignment was issued on two RFPs, Assignment 'A' and Assignment 'B'. Stantec was awarded Assignment 'A' and Matrix Solutions will be the consultant for Assignment 'B' pending Council award on March 22, 2022. Both projects are expected to be constructed in 2023 with end of warranty in Q4 2024.
ES3020-PD2	SWM Facility - Pincombe Drain No. 2	Growth	Environmental Services	2,456,700	0	2,456,700	Q4 2022	Money to be retained for anticipated construction claims by the Developer. Timing for claim submission is dependent on the owner's timing. Partial or all of the funds will be used.
ES3020-RVBTC	SWM Facility - River Bend	Growth	Environmental Services	13,906,700	10,451,213	3,455,487	Q4 2024	Decommissioning of the temporary basin is required after 70% subdivision build out. Waiting for build out, we cannot predict when this will occur. It is anticipated that the entire amount will be required.
ES3021	Land (Expropriation Negotiations)	Growth	Environmental Services	900,000	577,868	322,132	Q2 2022	2014-2019 DC Land Acquisition Account. Uncommitted funds to be used for upcoming SWM GMIS Land needs in the Hyde Park Area.
ES3042	Flood Protection Measures at Vauxhall PCP CWWF	Service Improvement	Environmental Services	4,883,000	4,883,000	0	Q4 2023	Outstanding issues to be resolved, need to keep project open to fund potential solutions at Vauxhall PCP. Once known, keeping all the expenditures together in one project would be beneficial.
ES3045	Horton Sanitary Sewer Upgrades	Life Cycle Renewal	Environmental Services	480,000	221,332	258,668	Q4 2024	Further evaluation is required to determine if works can be included in the Horton/Wharnccliffe Road Intersection Improvements project.
ES3068	Springbank Dam Replace Gates and Erosion Control	Service Improvement	Environmental Services	10,645,358	7,527,414	3,117,944	Q4 2022	Design of decommissioning of Springbank Dam is underway. Projected completion date updated to reflect expected construction timing due to permitting and environmental mitigation.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES3083	Infill and Intensification Corridors	Growth	Environmental Services	1,450,122	1,440,634	9,488	Q4 2022	ES3083 was a previous annual program to fund infill and intensification across significant roads. As part of the new DC study update, a new annual account ES5148 was set up to replace ES3083 to serve a similar purpose; please retain unspent funds.
ES3087	Huron Industrial Park Service	Service Improvement	Environmental Services	1,122,673	1,030,064	92,609	Q3 2023	Awaiting completion of SWMF design, then undertake detailed design and tendering for internal servicing of blocks.
ES3097	Vauxhall - Pottersburg	Service Improvement	Environmental Services	6,000,000	5,995,467	4,533	Q1 2022	Work complete, outstanding holdbacks still to be released.
ES3201	Dingman #1 Remediation SWM Flood Control Facility	Growth	Environmental Services	7,455,000	1,231,662	6,223,338	2026	Corridor project is planned following the completion of the Dingman Creek Stage 2 EA, which is anticipated to be completed in Q4 2022. This project is expected to include detailed design and construction administration for recommended works from the stage 2 EA
ES3203	Hyde Park - Stanton Drain	Growth	Environmental Services	287,500	0	287,500	Q4 2023	This project was initiated in Q3 2021 to meet the ultimate drainage configuration of the Hyde Park Addendum EA completed in 2020 and following execution of land negotiations.
ES3209	Stormwater Unidentified Municipal Class Environmental Assessment Addendums	Growth	Environmental Services	200,000	98,681	101,319	2026	2014 DC study includes annual program to cover costs of unanticipated EA's, project to remain open.
ES5145	Sanitary Sewer Internal Oversizing Subsidy	Growth	Environmental Services	446,625	160,810	285,815	Beyond	Account funds are used to pay developer claims all through the years related to sanitary sewer oversizing. There's no end date to the project account. Claims can be made any time by the developer. Account needs to remain open since there are 5 files with open claims that are developer led works (Summerside Phase 13B, West Five - 1080 Westdel Bourne, West Five Phase 3, Summerside and Richardson PH 1A).
ES5252	KL1B Kilally Growth Area Adelaide PCP Sewershed	Growth	Environmental Services	1,198,600	443,813	754,787	Q4 2022	Waiting for developer to make a final claim. There is a small remaining claim left to complete the seasonal surface works for this trunk which should be no more than \$50,000.
ES5253	RB1B Riverbend Growth Area	Growth	Environmental Services	1,267,966	1,129,063	138,903	2025	We will need this project account to pay for a future extension of R1B1 to the south side of Oxford St. as part of a 2024 roundabout project
ES5264	Wonderland Pumping Station Upgrade	Growth	Environmental Services	5,000,000	5,000,003	-3	Q2 2024	Construction expected to be complete Q2 2023.
ES5425	Interim Works as Identified in Environmental Assessment	Growth	Environmental Services	1,200,000	654,263	545,737	2026	This Growth DC account must be retained to allow for decommissioning of interim SWM facility associated with Riverbend Tributary C. This is all development/market driven. Until the subdivision reaches the 70% buildout then we cannot decommission the temporary facility.
ES5427	Pre-assumption Monitoring	Growth	Environmental Services	1,000,000	792,879	207,121	Q2 2024	Future projects needs are anticipated to be required by updated Ministry monitoring requirements anticipated to be released in 2022.
ES5428	Infill and Intensification Nodes Storm Sewer Servicing	Growth	Environmental Services	2,756,580	2,550,725	205,855	Q3 2022	Development Charges Project. Funding used on storm sewers for York Street Phase 2. Deficiency work and warranty still outstanding.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES5429	Storm Sewer Internal Oversizing Subsidy	Growth	Environmental Services	5,920,674	4,761,535	1,159,139	2026	Annual DC program for Developer Claims on Oversized Storm Sewer construction.
ES5520	Community Growth Trunk Storm Sewer Works	Growth	Environmental Services	3,030,480	267,894	2,762,586	2026	Annual DC program for Developer Claims on Trunk Storm Sewer construction.
ES6066	Dingman Pumping Station Header	Life Cycle Renewal	Environmental Services	500,000	431,558	68,442	Q4 2022	Construction to be completed Q2 2023.
ES6074	Pottersburg WWTP CSO and Inlet	Life Cycle Renewal	Environmental Services	1,821,504	1,733,644	87,860	Q4 2023	Pump station project ongoing. Remaining budget will be leveraged for those works as required.
ESSWM-DCNLP9	SWM Facility - Dingman Creek North Lambeth No. P9	Growth	Environmental Services	7,226,927	5,973,482	1,253,445	Q2 2022	This project and the associated warranty period is complete. Final invoice to be received before the PO and project can be closed. Remaining variance was due to a competitive bid process.
ESSWM-HP5	SWM Facility - Hyde Park No. 5	Growth	Environmental Services	6,517,700	676,246	5,841,454	Q4 2024	ES3030-HP6 and ES3020-HP5 will be used for the Hyde Park EA Addendum design/construction works. The design assignment was issued in two RFPs, Assignment 'A' and Assignment 'B'. Stantec was awarded Assignment 'A' and Matrix Solutions will be the consultant for Assignment 'B' pending Council award on March 22, 2022. Both projects are expected to be constructed in 2023 with end of warranty in Q4 2024.
ESSWM-MM2	SWM Facility - Murray Marr No. 2	Growth	Environmental Services	4,400,000	0	4,400,000	Q4 2023	Facility need to be assessed during Dingman Creek Stage 2 EA. The Stage 2 EA is anticipated to be completed in Q4 2022.
ESSWM-MM4	SWM Facility - Murray Marr No. 4	Growth	Environmental Services	2,100,000	358,278	1,741,722	Q4 2023	Facility need to be assessed during Dingman Creek Stage 2 EA. The Stage 2 EA is anticipated to be completed in Q4 2022. Unused funds are anticipated to be used for future SWM facility construction following the completion of the Dingman Stage 2 EA.
ESSWM-OV1	SWM Facility - Old Victoria No. 1	Growth	Environmental Services	3,085,061	2,681,437	403,624	Q4 2022	Favorable tender prices lower than anticipated. Project cannot be closed at this time, as there may be outstanding development financing claims.
ESSWM-PDR	SWM Facility - Pincombe Drain Remediation	Growth	Environmental Services	4,300,000	0	4,300,000	Q4 2025	Growth project. DC GMIS scheduled for 2021 with 2 year warranty. Project was delayed by the Dingman Stage 1 EA completed in September 2020. Just in time process and development application to dictate the timing of the project.
ESSWM-PKR	SWM Facility - Parker	Growth	Environmental Services	6,055,000	4,599,116	1,455,884	Q4 2022	Land claim for SWM block may still be outstanding.
ESSWM-SC2	SWM Facility - Stoney Creek No. 2	Growth	Environmental Services	1,599,000	957,889	641,111	Q4 2022	Additional inspection services, close out documents and warranty work to be completed. The land acquisition budget amount is to remain. Payment to the Developer for the SWM block will not be processed/paid until 25% of the building permits in the subdivision have been issued.
EW3527	Asset Maintenance Management	Service Improvement	Environmental Services	1,700,000	1,382,195	317,805	Q4 2022	After CMMS go live there will be some additional enhancement anticipated to complete to increase usability.
EW3535	Infrastructure Renewal Program	Life Cycle Renewal	Environmental Services	509,000	489,952	19,048	Q2 2022	Minor deficiency work and warranty period.
EW3541	EMPS - SCADA Upgrade	Life Cycle Renewal	Environmental Services	900,000	161,884	738,116	Q4 2022	SCADA equipment replacement and software upgrades have been delayed by Covid-19. Work scheduled with OCWA in conjunction with partnering municipalities' needs and Regional Water Supply.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
EW3547	Trunk Watermain Cathodic	Life Cycle Renewal	Environmental Services	295,000	334,621	-39,621	Q3 2022	Curb and gutter, and sidewalk deficiencies.
EW3592	Infill and Intensification Nodes Water Servicing	Growth	Environmental Services	2,198,080	600,548	1,597,532	Beyond	Growth funded annual program to support development along major development nodes and corridors. The timing of expenditures is based on the development approval process and the construction plans of individual developers. With the Core Area Servicing Studies now complete, this program will be used to fund those identified projects.
EW3614	SE Pumping Station Reservoir	Growth	Environmental Services	55,728,118	55,506,073	222,045	Q3 2023	Initial delays due to Covid-19. Construction and contract administration were awarded in Q1 2022. Construction to be completed by Q3 2022 and then warranty period begins. The remaining funding to be used for Inlet Valve component at SERPS.
EW3619	White Oak Pumping Station	Service Improvement	Environmental Services	700,000	96,280	603,720	Q3 2022	Inspection services are complete now that demolition is complete. Project moving to next phase for Bulk Water Station design. At this point we are uncertain of the overall impacts of Covid with cost increases. There will be some environmental site remediation required along with some other work required by site planning given its proximity to the 401. Please retain all funds at this point.
EW3628	Expansion of Southeast Pressure Zone	Growth	Environmental Services	2,700,000	2,339,088	360,912	Q4 2022	Construction work to date is complete. May be some additional work remaining depending on outcome of the South and West Servicing Study.
EW3652-2	Wickerson High Level Watermain	Growth	Environmental Services	1,361,030	391,905	969,125	2025	Remaining portion of project is coordinated with Transportation project to make improvements to Wickerson Road from Southdale Road. Construction of this Transportation project has been delayed to 2023.
EW3818	Watermain Internal Oversizing Subsidy	Growth	Environmental Services	785,562	611,809	173,753	Beyond	Water main oversizing is a growth funded annual program to support the oversizing of water mains within new subdivisions. The work is designed and constructed by the developer and claimed back from the City through the provisions outlined in a subdivision agreement. The timing of expenditures is based on the development approval process and the construction plans of individual developers.
GG1034	Development Charges Consulting	Growth	Planning and Development Services	850,000	673,864	176,136	Q4 2024	Funding for DC process consultant for area rating and other "clean-up" matters.
GG1730ART	Salvage Heritage Artifacts	Service Improvement	Culture Services	200,000	168,906	31,094	Q4 2024	Funding for the on-going redevelopment and rehabilitation of the South Street Hospital lands. Currently in discussions with Phase 2 proponent.
GG1730HB	Retention of Heritage Buildings	Service Improvement	Economic Prosperity	500,000	481,503	18,497	Q4 2022	Special project set up for the retention of the Old Victoria Hospital Lands located at 370 South St funds are to be used for maintaining building and site until it is sold.
GG1730PHB	Decommissioning of South Street	Service Improvement	Corporate, Operational and Council Services	2,380,000	2,322,546	57,454	Q4 2022	Special project set up for the retention of the Old Victoria Hospital Lands located at 370 South St funds are to be used for maintaining building and site until it is sold.
GGINFRA	Infrastructure ITS	Life Cycle Renewal	Corporate, Operational and Council Services	110,224	0	110,224	Q4 2024	This project will deliver server enclosures essential to the City of London computing environment. Project is early in the initiation phase. Project is on-track and on budget.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ID1110	Trafalgar Industrial Park	Service Improvement	Economic Prosperity	4,062,233	3,847,656	214,577	Q4 2023	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 2022	External works capital project on Wilton Grove Road is ongoing in 2022. Awaiting contractor to complete deficiencies. Review status at end 2022.
ID1150INVP5	Innovation Industrial Park Phase 5	Service Improvement	Economic Prosperity	331,832	331,832	0	2025	Ongoing ILDS. Review status in 2025. Projects come about based on need and development of parcels.
ID1167	Forest City Industrial Park	Service Improvement	Economic Prosperity	4,202,798	3,427,100	775,698	Q2 2024	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.
ID1170	Huron Industrial Park	Service Improvement	Economic Prosperity	6,012,553	5,410,635	601,918	Q4 2023	Ongoing ILDS. Review status in 2023. Projects come about based on need and development of parcels.
ID2058	Innovation Park - SWR Oversizing	Growth	Environmental Services	8,265,000	8,265,001	-1	Q4 2023	Contractor completed work to bring Innovation Park to assumption level. Awaiting of completion of warranty prior to closure of PO.
ID2058-3A	Innovation Park - Sewer	Growth	Environmental Services	315,000	315,001	-1	Q4 2023	Contractor completed work to bring Innovation Park to assumption level. Awaiting of completion of warranty prior to closure of PO.
ID2095HURC1	Huron Industrial Park Area C1	Growth	Environmental Services	20,000	6,941	13,059	Q4 2023	Construction administration for Huron Industrial Lands SWMF.
ID2095HURC2	Huron Industrial Park Area C2	Growth	Environmental Services	20,000	6,942	13,058	Q4 2023	Construction administration for Huron Industrial Lands SWMF.
ID2095HURC3	Huron Industrial Park Area C3	Growth	Environmental Services	15,000	3,002	11,998	Q4 2023	Construction administration for Huron Industrial Lands SWMF.
ID2095HURC4	Huron Industrial Park Area C4	Growth	Environmental Services	45,000	24,948	20,052	Q4 2023	Construction administration for Huron Industrial Lands SWMF.
ID2095OXF	Oxford Business Park Servicing	Growth	Environmental Services	325,872	193,289	132,583	Q1 2023	Awaiting potential claim related to onsite treatment device as part of development. Review status in Q1 2023
ME1208	Fuel Switching Project	Service Improvement	Corporate, Operational and Council Services	1,382,625	716,366	666,259	Q1 2023	Facility Modifications at EROC for CNG fuel switching business case. Additional modifications required much sooner in order to accommodate the organic collection program beginning fall 2022.
MU1200	Fleet Radio Replacement	Life Cycle Renewal	Transportation Services	625,000	0	625,000	Q4 2023	The project was previously on hold pending review of legislation regarding the current exemption for transit authorities to use hand held communication devices. To date this legislation has not changed, however, the current radios have exceeded their useful life and are in need of replacement. COVID has impacted the priority to complete the project but will be included LTC's 2022 capital budget plan.
MU1210	Fare Processing Equipment	Life Cycle Renewal	Transportation Services	1,495,000	0	1,495,000	Q4 2023	The need to replace current fare boxes, that are at the end of their useful life, along with the ability to further integrate fare processing capabilities remains significant. LTC had deferred the commencement of the project in order to fully implement the smart card program. Hardware impacts from the vendor, along with the onset of COVID and its completing priorities has further added to the delays. The project will be included in LTC's 2022 capital budget plan.
PD1015	South Street Campus Redevelopment	Service Improvement	Planning and Development Services	155,000	144,229	10,771	Q4 2024	Funding for the on-going redevelopment and rehabilitation of the South Street Hospital lands. Currently in discussions with Phase 2 proponent.
PD1076	TVP - North Branch	Service Improvement	Parks, Recreation and Neighbourhood Services	3,303,752	3,303,755	-3	Q4 2022	Projects funded by OMCC were supposed to be complete in Dec 2020. PO still open on project so unable to close at this time.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
PD1102	Review of Environmental Management Guidelines	Service Improvement	Planning and Development Services	50,000	0	50,000	Q4 2023	To be used for 2023 EMG Update
PD1143	Enhance Highbury Avenue	Service Improvement	Parks, Recreation and Neighbourhood Services	37,500	0	37,500	Q4 2022	The draft update to the tree planting strategy went to TFAC at the end of December. Once finalized, these projects will commence over the next year or two.
PD1145	Placemaking Design Guidelines	Service Improvement	Planning and Development Services	100,000	76,612	23,388	Q4 2022	Funding for consulting support for Urban Design Guidelines. Schedule delayed.
PD1146	Development Management Tracking System Upgrade	Life Cycle Renewal	Planning and Development Services	180,000	88,887	91,113	Q4 2022	First stage of work is completed. Further work anticipated.
PD1213	Archaeological Master Plan	Life Cycle Renewal	Planning and Development Services	75,000	70,941	4,059	Q4 2022	Additional work will be required. Keep commitment open.
PD1215	Back To The River	Service Improvement	Parks, Recreation and Neighbourhood Services	950,000	844,668	105,332	Q2 2023	Surplus fees from B2R EA. Will be used for Harris Park Master Plan consultant contract. Limited staff resources has delayed start.
PD1382-15	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	260,000	227,077	32,923	Q3 2022	Victoria on River (waiting for subdivision capital claim). Work is complete.
PD138216	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	220,000	80,249	139,751	Q4 2023	Had been waiting for developer. Construction started fall 2021 and will be completed spring 2022.
PD138218	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	150,000	28,887	121,113	Q4 2022	Had been waiting for developer. Richardson N.P. (\$120k) - construction started fall 2021 and will be completed spring 2022. Remaining funds set aside to work with community group/NCFS at Black Acres Park (2022)
PD2082	Meadowilly Area Planning Study	Growth	Planning and Development Services	520,000	520,001	-1	Q2 2023	Work is underway throughout 2022. Keep commitment open.
PD2124-12	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	50,000	0	50,000	Q3 2022	Capital Claim for Victoria on River - TVP complete, but claim not submitted yet.
PD2124-13	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	500,000	26,492	473,508	Q4 2022	\$400k for Hamilton Road underpass on south branch (waiting for land acquisition/developer east of Hamilton) - structural assessment of Hamilton Road Bridge underway. Remaining funds is for TVP capital claim at development on North Branch (Edge Valley)
PD2124-15	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	1,175,000	273,564	901,436	2026	\$100k for interim TVP between Highbury and Clarke (land acquisitions), \$210k for TVP Main Branch implementation following EA, \$150k for Hamilton Road Underpass (land acquisitions), \$150k for Riverbend, \$290k for OVHL TVP Construction - design progressing (construct 2022).
PD2181-15	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	150,000	156,637	-6,637	Q4 2022	Riverbend Fieldhouse (Realty finalized acquisition in 2021). Facilities awarded contract for fieldhouse upgrade - to occur spring 2022. Correct deficit using funds from PD218117
PD218116	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	600,000	600,941	-941	Q2 2022	Close Account when POs are closed. PO will be closed after year end monitoring

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
PD218117	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	800,000	559,076	240,924	Q4 2024	\$200k for S/W Sport fields - waiting for land acquisitions (partial acquisition occurred 2021). Remaining funds to support soccer field at Foxfield.
PD2230-15	New Fieldhouses	Growth	Parks, Recreation and Neighbourhood Services	58,438	150,000	-91,562	Q4 2022	Work tendered and to be complete in 2022.
PD223016	New Fieldhouses	Growth	Parks, Recreation and Neighbourhood Services	600,000	600,000	0	Q2 2022	Fieldhouse at Kilally Sport Fields
PD225317	New Environmentally Significant Areas	Growth	Planning and Development Services	80,000	0	80,000	Q4 2024	Future capital claim associated with Warbler Woods ESA and City led trail development in Warbler Woods ESA following land acquisition.
PD2400	Park Farm Trust Fund	Life Cycle Renewal	Planning and Development Services	91,287	80,386	10,901	Beyond	On-going account to support heritage stewardship.
PD3019-15	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	350,000	123,145	226,855	Q3 2022	Funding for urban park at Victoria on River. Work complete - waiting for capital claim.
PD301917	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	160,000	0	160,000	Q3 2022	Funding for urban park at Warbler Woods. Work complete - waiting for capital claim.
PD301918	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	600,000	305,280	294,720	Q4 2024	Remaining funds for Hydro Lands/Carrae Park area as per One River EA projects. Lands acquisition required to progress project (Realty progressing).
PD3023	5-Year Official Plan Review	Life Cycle Renewal	Planning and Development Services	650,000	511,085	138,915	Q4 2023	Project to undertake a review of the Official Plan and any resulting zoning amendments.
RC2428	Enhanced CGAC Aquatic Fund	Life Cycle Renewal	Parks, Recreation and Neighbourhood Services	43,575	45,791	-2,216	Q2 2022	Accessible parking spaces at Canada Games Aquatic Centre.
RC2608	Glen Cairn Arena Decommission and Renovate to Community Space	Service Improvement	Parks, Recreation and Neighbourhood Services	683,400	0	683,400	Q4 2022	The arena will be demolished but waiting until a community information session to occur to determine the fate of the outdoor pool. Pricing for full demo being acquired. Delays are due to Covid and inability to engage the public with existing protocols.
RC2612	Silverwoods Arena Decommission and Renovate to Community Space	Service Improvement	Parks, Recreation and Neighbourhood Services	2,226,200	0	2,226,200	Q4 2024	The arena will be re-purposed but waiting until a community engagement meeting occurs to determine the activity focus of the re-furnished building. Delays are due to Covid and inability to engage the public with existing protocols.
RC2755	South West Multi-Purpose Recreation Centre	Growth	Parks, Recreation and Neighbourhood Services	54,588,465	54,275,983	312,482	Q4 2022	Construction completed end of Q3 of 2018 but deficiencies expected to be completed in 2022. Savings will remain in this account until the status of RC2756 is known.
SW6023	Community Environment Depots	Service Improvement	Environmental Services	1,500,000	70,072	1,429,928	Q2 2023	Re-configuration of Clarke Road EnviroDepot expected to be complete by Q2 2023.
SW6035	Landfill Gas Utilization	Service Improvement	Environmental Services	4,000,000	78,921	3,921,079	Beyond	Council has directed staff to evaluate and pursue development of Renewable Natural Gas (RNG) from the landfill gas that is currently captured and flared at the W12A landfill. Beneficial landfill gas utilization (i.e. currently expected to be RNG production) is also an important component of the Climate Emergency Action Plan (CEAP). This work was at the initiation stage at the start of the pandemic, and as such staff were directed to focus on essential services only. Now that pandemic restrictions appear to be lifting work on this project will commence again.
TS1031	Long Term Corridor Protection	Growth	Transportation Services	500,000	500,262	-262	Q4 2023	Annual program - various studies

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
TS1038	Transportation Development	Growth	Transportation Services	250,000	255,017	-5,017	Q3 2022	2019 Development Charges work complete PO was closed recently. Project Manager unsure if there is additional close out work remaining, more may be known by the 2022 MY Monitoring Report.
TS1039	Transportation Master Plan	Growth	Transportation Services	100,000	0	100,000	Q4 2024	TMP Study being initiated.
TS1041	Transportation Impact Studies	Growth	Transportation Services	300,000	149,444	150,556	Q4 2023	Annual program, project needs to be left open to fund potential future impact studies that may be required.
TS1135	Dundas Flexible Street	Service Improvement	Transportation Services	30,053,669	28,522,145	1,531,524	Q4 2022	Construction is complete and we are dealing with some outstanding deficiencies with the contractor.
TS126417	Rural Intersection	Growth	Transportation Services	508,470	171,211	337,259	Q4 2022	Annual Program - Intersections - Further investigation into the need for this funding will inform the 2022 MY Monitoring process. Project might be able to be closed at that time.
TS1346	Corporate Asset Management Development	Life Cycle Renewal	Corporate, Operational and Council Services	1,863,895	850,256	1,013,639	2025	The CAM project includes a total of seven (7) work units, a contract was executed for the first six (6) units over the past 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. \$1 million. Unit 6 restarted on June 2021 and scheduled to be completed by Q4 2022 while the final unit 7 of the project is scheduled to start by 2023 and completion date by 2025 to align with the new regulation (O.Reg 588/17) due date.
TS1350	Corporate Asset Management Software	Life Cycle Renewal	Corporate, Operational and Council Services	360,000	156,336	203,664	Q4 2024	Phased implementation of Assetic software is well underway for transportation and Park & Recreation services. This will be followed by full implementation across the City providing CAM the ability to optimize the City Capital budget across all the service areas. The most recent example of the use of Assetic's system was in the City's 2019 Asset Management Plan & 2021 CAM plan annual update. The CAM 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 Fire Department.
TS1371	Road Class Oversizing	Growth	Transportation Services	500,000	67,554	432,446	Q4 2022	Project done, funds can be released when DC claims have been submitted.
TS1475-2	Fanshawe Road East Widening Phase 2	Growth	Transportation Services	13,360,000	13,126,616	233,384	Q2 2022	Project is complete but cannot be closed until holdback has been released.
TS1484	Sarnia Road Widening	Growth	Transportation Services	10,209,820	10,199,837	9,983	Q2 2022	Project is complete but cannot be closed until holdback has been released.
TS1487	Wonderland Road Two Land Upgrade	Growth	Transportation Services	10,395,000	9,234,940	1,160,060	Q2 2022	Minor deficiencies and settlement work.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
TS1523-1	Bradley Avenue Extension Phase 1	Growth	Transportation Services	12,264,375	7,608,293	4,656,082	Q4 2023	Active legal issues ongoing. Current uncommitted balance should remain as legal issues are expected to require additional funds.
TS1633	Advanced Land Acquisition	Growth	Transportation Services	1,640,000	56,090	1,583,910	Q4 2022	To be used for future land purchases associated with the DC study.
TS1651	Minor Roadworks - Channelization	Growth	Transportation Services	3,477,525	3,135,454	342,071	Q4 2022	Funds will be used for additional channelization road works.
TS1652	Minor Roadworks - Miscellaneous Works	Growth	Transportation Services	89,100	8,904	80,196	Q4 2023	Funding for development driven improvements as needed.
TS1653	Minor Roadworks - Sidewalks	Growth	Transportation Services	925,847	464,608	461,239	Q4 2022	Activities continuing into 2022.
TS1654	Minor Roadworks - Streetlights	Growth	Transportation Services	1,767,171	1,091,262	675,909	Q4 2023	Various project over MYB period from 2021 to 2023 - funding will be utilized.
TS1655	Minor Roadworks - Traffic Signals	Growth	Transportation Services	1,546,880	544,429	1,002,451	Q4 2023	Various project over MYB period from 2021 to 2023 - funding will be utilized.
TS1656	Minor Roadworks - Roundabouts	Growth	Transportation Services	450,000	416,831	33,169	Q4 2022	Warranty extends into late 2022.
TS173918	Cycling Facilities	Growth	Transportation Services	642,800	518,605	124,195	Q4 2022	Project to remain open to fund future cycling growth projects.
TS1766	Bradley Avenue Extension	Life Cycle Renewal	Transportation Services	500,000	518,317	-18,317	Q4 2023	Active legal issues ongoing. Maintain POs.
TS2170	Bradley Avenue From Old Victoria	Growth	Transportation Services	2,350,000	805,058	1,544,942	2025	Possible work to cover Development Charges roadworks associated with a future Innovation Park Phase 5 on Bradley Ave.
TS4165	Urban Intersection	Growth	Transportation Services	1,616,000	1,578,072	37,928	Q4 2023	Additional construction scheduled for 2021/22.
TS4209	Improved Parking Technology	Service Improvement	Transportation Services	300,000	307,874	-7,874	Q4 2022	Delay due to Covid 19 - Management Re-evaluating priorities.
TS5036	Downtown Transportation Alliance	Service Improvement	Transportation Services	150,000	86,721	63,279	Q4 2022	There is PTIF funding associated with this business unit, keeping open until all PTIF matters are concluded.
TS5037	Bike Parking Infrastructure	Service Improvement	Transportation Services	50,000	53,754	-3,754	Q4 2022	There is PTIF funding associated with this business unit, keeping open until all PTIF matters are concluded.
TS6025	Bike Share Program	Service Improvement	Transportation Services	822,500	6,278	816,222	Q3 2023	Bikeshare Business Case (Feasibility Study) and e-Scooter is underway. Project will be re-examined after the Feasibility Study is complete. Funding for this project is from TS6020 (or EV6020).

Appendix C – Completed Capital Projects (as of December 31, 2021)

Table 1 - Tax Supported Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Tax Supported Capital Levy	Tax Supported Debt	Tax Supported Reserve Fund	Non-Tax Supported Reserve Fund	Non-Tax Supported Debt	Non-Tax Supported Other
CS184120 Museum London Repairs	Lifecycle Renewal	240,362	240,362	0							
CS618620 Centennial Hall Upgrades	Lifecycle Renewal	2,559	2,559	0							
FS115220 Emergency Fire Vehicle	Lifecycle Renewal	52,000	51,637	363				363			
GG1053 Archaeological Study on City & WFA Owned Lands	Service Improvement	100,000	77,463	22,537		22,537					
GG154820 Normal School Maintenance	Lifecycle Renewal	15,851	15,851	0							
GG1670 Public Art Restoration	Lifecycle Renewal	252,875	252,875	0							
IT301020B Amanda Upgrade	Lifecycle Renewal	7,510	7,510	0							
IT3010A QRadar Siem Appliance Upgrade	Lifecycle Renewal	932,922	932,922	0							
IT301820B POA Virtual Courts Security	Lifecycle Renewal	8,487	8,487	0							
IT301821A Cyber Ark Upgrade	Lifecycle Renewal	58,962	58,962	0							
IT3022A Call Detail Recording Software	Lifecycle Renewal	26,025	26,025	0							
IT302521A Storage Area Network (SAN) Hardware Replacement	Lifecycle Renewal	3,642	3,642	0							
ME201802 Vehicle and Equipment Replacement - Non-TCA	Lifecycle Renewal	64,003	64,003	0							
MU104421 Bus Purchase Replacement	Lifecycle Renewal	10,081,000	10,081,000	0							
PD232419 Municipally Owned Heritage Buildings	Lifecycle Renewal	405,746	405,746	0							
PK102320C Kiwanis Park - Playground, Tree Planting and Signage	Lifecycle Renewal	1,002	1,002	0							
PK102320E Tennis and Pickleball Court Upgrades	Lifecycle Renewal	5,361	5,361	0							
PK102320F Elsie Perrin Williams Estate Lighting	Lifecycle Renewal	20,000	20,000	0							
PK103319A OVHL New District Park	Growth	83,465	83,465	0							
PK103319C Southwest District Park	Growth	232,458	232,458	0							
PK204319B Corlon Sunninglea Major Open Space	Growth	174,530	174,530	0							
PK204319D Marsman Stoney Creek	Growth	22,054	22,054	0							
PK213520A Kiwanis Park Natural Playground	Lifecycle Renewal	43,675	43,675	0							
PK275520 Woodland Property Acquisition	Service Improvement	408,284	408,284	0							
PP115218 Emergency Fire Vehicle	Lifecycle Renewal	731,076	731,076	0							
RC220118 Recreation Facilities	Lifecycle Renewal	3,147,335	3,147,335	0							
RC2602 Farquharson Arena	Service Improvement	2,311,088	0	2,311,088	Facility contract extended for 10 years, funding need to be re-evaluated and future request submitted if needed.	2,311,088					
RC274917 Park Facilities Major Upgrades	Lifecycle Renewal	173,291	173,291	0							
SW601416 W12A Ancillary	Lifecycle Renewal	147,384	147,384	0							
SW601417 W12A Ancillary	Lifecycle Renewal	393,846	393,846	0							
SW601418 W12A Ancillary	Lifecycle Renewal	57,310	57,310	0							
TS1050 Additional Street Sweeper	Service Improvement	215,307	218,448	-3,141		-3,141					
TS1215 Blackfriars Bridge	Lifecycle Renewal	2,700,000	2,699,713	287		287					
TS1325 Veterans Memorial South Extension	Service Improvement	1,148,811	1,157,168	-8,357				-8,357			

Appendix C – Completed Capital Projects (as of December 31, 2021)

Table 1 - Tax Supported Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Tax Supported Capital Levy	Tax Supported Debt	Tax Supported Reserve Fund	Non-Tax Supported Reserve Fund	Non-Tax Supported Debt	Non-Tax Supported Other
TS1349-2 Sarnia Rd Improvements Hyde Park to Wonderland Rd	Growth	7,910,000	6,735,680	1,174,320	Variance due to less property acquisition required than anticipated and favourable tendering.		200,243		974,077		
TS1477-2 Hyde Park Rd Widening - PH 2 CP Rail Crossing to Fanshawe	Growth	15,575,802	14,267,698	1,308,104	Variance due to favourable tendering and actual costs lower than tender.		146,215		1,161,889		
TS1489 Western Widening Platts Lane to Oxford	Growth	27,792,018	23,228,018	4,564,000	CPR work and construction costs lower than anticipated. Oxford/Wharncliffe intersection scope not undertaken due to future transit considerations . "Non-Tax Supported Other" being released represents the unneeded portion of CPR's contribution to the project.		730,492			3,572,694	260,814
TS301417 Road Network Improvements (Local and Rural)	Lifecycle Renewal	5,660,032	5,660,032	0							
TS331021 Road Surface Treatment	Lifecycle Renewal	514,334	514,334	0							
TS618619 Centennial Hall Upgrades	Lifecycle Renewal	68,774	68,774	0							
TS621720 Facility Energy Management	Lifecycle Renewal	87,407	87,407	0							
UF123520 Street Tree Planting	Lifecycle Renewal	411,000	411,000	0							
UF123521 Street Tree Planting	Lifecycle Renewal	411,000	413,128	-2,128		-2,128					
UF276821 Woodland Features	Lifecycle Renewal	50,000	50,000	0							
Total		82,748,588	73,381,515	9,367,073		2,328,643	1,076,950	-7,994	2,135,966	3,572,694	260,814

Appendix C – Completed Capital Projects (as of December 31, 2021)

Table 2 - Wastewater and Treatment Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
ES182520 Sewer Video Inspection	Lifecycle Renewal	593,367	593,367	0							
ES2331 Sewer Separation Program Acceleration CWWF	Service Improvement	10,496,281	10,060,468	435,813	Variance due to favourable construction outcomes and release of contingency.			49,553			386,260
ES2464-15 Combined Sewer Separation Replacement	Lifecycle Renewal	1,796,124	1,796,124	0							
ES246417 Combined Sewer Separation	Lifecycle Renewal	5,349,667	5,349,667	0							
ES304018 Minor Surface Flooding	Service Improvement	506,596	506,596	0							
ES304019 Minor Surface Flooding	Service Improvement	168,505	168,505	0							
ES515019 Pumping Station Improvements	Lifecycle Renewal	546,195	546,195	0							
ES5432 Treatment Plants Technology Upgrades (SCADA and Security) CWWF	Lifecycle Renewal	1,500,000	1,507,400	-7,400				-7,400			
Total		20,956,735	20,528,322	428,413		0	0	42,153	0	0	386,260

Appendix C – Completed Capital Projects (as of December 31, 2021)

Table 3 - Water Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
EW162720 Residential Meter Replacement	Lifecycle Renewal	1,200,000	104,203	1,095,797	Funding not required as meters in reserve were utilized in place of a tender call in 2020.			1,095,797			
EW2310 Western Road Watermain Replacement Oxford St to Sarnia Rd	Growth	2,079,419	1,691,599	387,820	Variance due to change of scope.			349,027	38,793		
EW3537 Dundas Redevelopment	Lifecycle Renewal	2,088,069	2,088,071	-2				-2			
EW3551 Hyde Park- Sarnia Road High Level Watermain - Phase II	Growth	2,068,660	1,678,872	389,788	Variance due to favourable pricing at the time of tender due to competitive bid environment.				389,788		
EW3624 Burbook Watermain Upgrade	Lifecycle Renewal	4,700,000	4,335,605	364,395	Variance due to competitive tender pricing and unspent contingency.			364,395			
EW3743 Watermain Extensions	Service Improvement	1,178,859	1,178,859	0							
EW3765-15 Main Replacement Engineering	Lifecycle Renewal	6,572,992	6,537,298	35,694				35,694			
EW376517 Water Infrastructure Lifecycle Renewal	Lifecycle Renewal	8,815,794	8,815,794	0							
EW378716 Main Replacement with Major Roadworks	Lifecycle Renewal	3,417,076	3,417,076	0							
Total		32,120,869	29,847,377	2,273,492		0	0	1,844,911	428,581	0	0