

## Report to Strategic Priorities and Policy Committee

**To:** Chair and Members  
Strategic Priorities and Policy Committee

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

**Subject:** 2022 Mid-Year Capital Budget Monitoring Report

**Date:** September 20, 2022

### Recommendation

That, on the recommendation of the Deputy City Manager, Finance Supports, the following actions be taken with respect to the 2022 Mid-Year Capital Budget Monitoring Report:

- a) the 2022 Mid-Year Capital Budget Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$2.8 billion with \$1.8 billion committed and \$1.0 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 2019 life-to-date capital budgets (2019 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 \$2.0 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 \$3 thousand **BE TRANSFERRED** from capital receipts;
- B) uncommitted reserve fund drawdowns of \$1.47 million **BE RELEASED** back into the reserve funds which originally funded the projects;

#### Non-Rate Supported

- C) uncommitted reserve fund drawdowns of \$43 thousand **BE TRANSFERRED** from Non-Rate Supported Reserve Funds;
- D) other net non-rate supported funding sources of \$567 thousand **BE ADJUSTED** in order to facilitate project closings.

### Executive Summary

This report provides a summary of the results related to the 2022 capital budget for the Property Tax Supported Budget, the Water Rate Supported Budget, and the Wastewater and Treatment Rate Supported Budget.

The City continues to face cost pressures associated with COVID-19, supply chain disruptions as well as inflation. As a result, the cost of construction has gone up significantly due to raw material price increases and project delays.

At the midway point of 2022 the City's life-to-date capital budget stood at \$2.8 billion; \$1.8 billion (64.2%) is committed to capital work, while \$1.0 billion (35.8%) remains uncommitted. During the first half of the calendar year 102 discrete contract awards worth \$218.4 million were awarded; 51 by Council and 51 by Civic Administration (Appendix "A"). These awards contributed to total capital spending of \$47.3 million by the halfway mark of 2022.

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 39 capital projects with a total budget value of \$54.9 million (Appendix "C"). If approved, the closing of completed capital projects will return a total of \$2.0 million back to their original rate and non-rate sources of financing. As a result of the process to review each capital project Civic Administration has also identified housekeeping budget adjustments that will result in \$15.8 million of surplus capital funding being returned to their various original source of financing (Appendix "D"). This funding has been identified on projects that are required to remain open but would otherwise sit idle until eventually being closed at an undetermined future date.

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, April 19, 2022, meeting, Agenda Item # 4.2, 2021 Year-End Capital Budget Monitoring Report

<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=91423>

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>

#### **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.

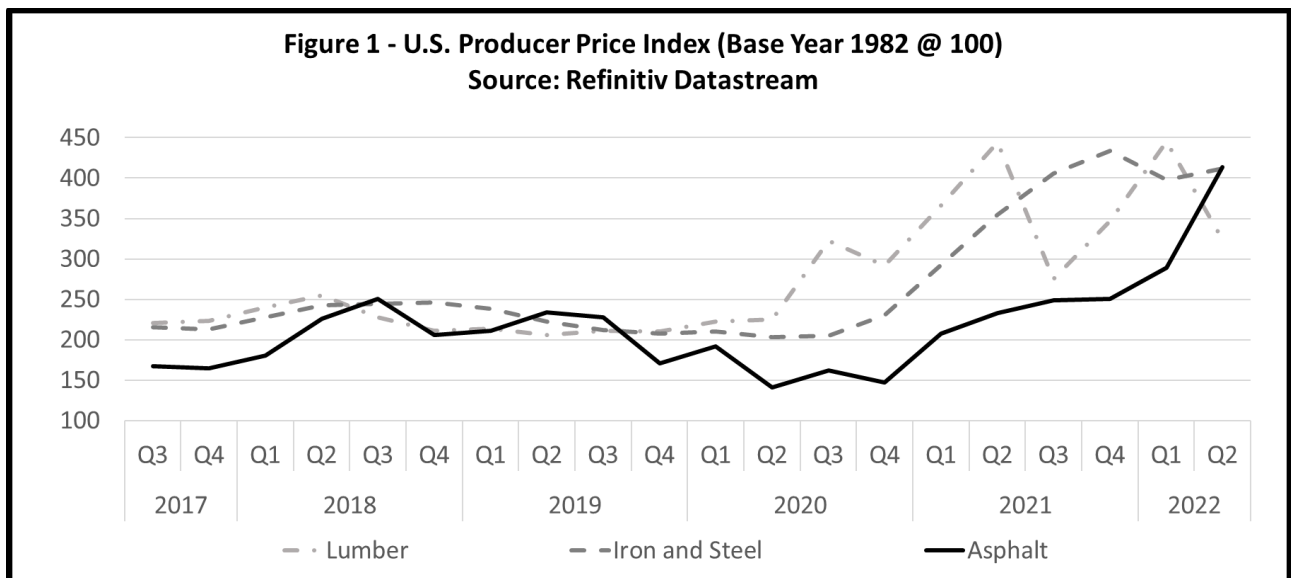
### **2.0 Discussion and Considerations**

#### **2.1 COVID-19 Financial Impacts – Inflation and Capital Project Impacts**

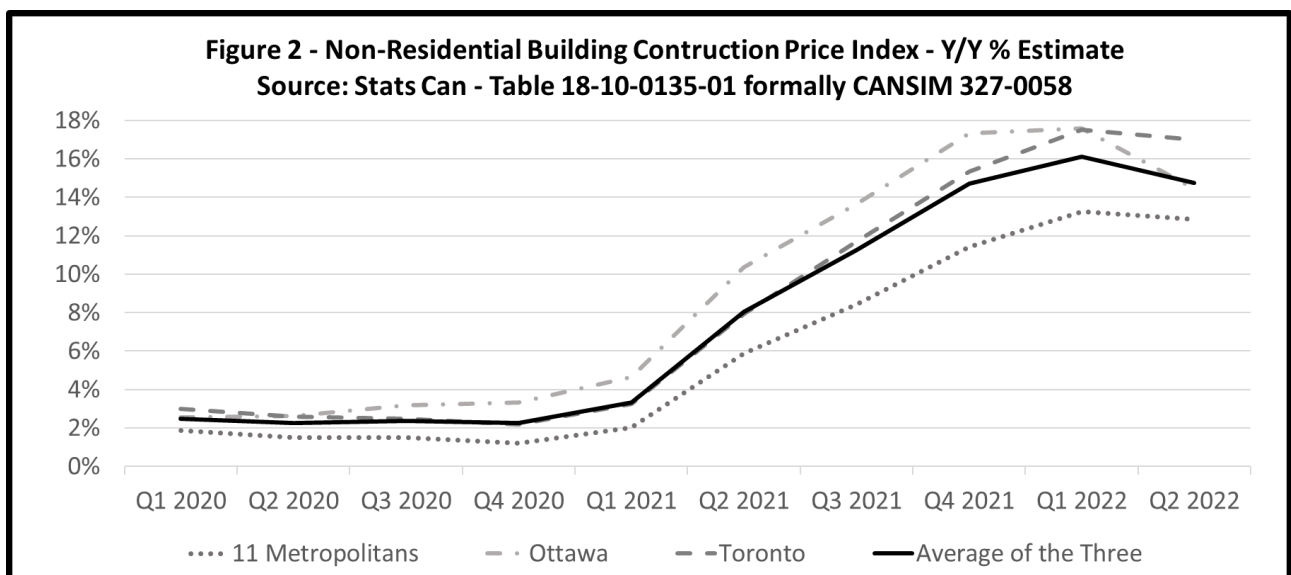
With respect to direct COVID-19 impacts, COVID-related capital expenditures have totaled \$1.17 million since the start of the pandemic, related to additional computer equipment and facilities related costs with respect to vaccination centres, etc. These costs have either been recovered from our partners (e.g. MLHU) or funded through supports from other levels of government (e.g. Safe Restart Funding).

Indirect COVID-19 impacts are more significant. In 2021 and into 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 labour and materials have increased

significantly. The U.S. Producer Price Index (Figure 1 – sourced via Refinitiv) is the official monthly measure of producer prices in the economy of the United States, and a good comparator of trends being experienced in Canada. It measures average changes in prices received by domestic producers for their outputs like lumber, iron and steel, and asphalt; respectively the prices for these products has increased 46%, 95%, and 116% over the Q1 2020 (beginning of the current multi-year budget) to Q2 2022 period. Similarly, Statistics Canada tracks various input prices through the Industrial Product Price Index. Since the beginning of 2020 through to June 30, 2022, the price of lumber and other wood products has increased 53% and primary ferrous metal products (e.g. steel) have increased 71%. The Statistics Canada Industrial Product Price Index does not specifically include asphalt, but other sources indicate the price of asphalt in Ontario has increased more than 90% over the same period. Clearly, therefore, significant price increases for various materials utilized in construction projects have been experienced, not only in Canada but across North America and the world.



These higher input costs are among the factors driving increases in the cost of construction. The Building Construction Price Indexes tracked by StatsCan are a quarterly measure of change in prices that contractors charge to construct a range of new commercial, institutional, industrial (ICI) and residential buildings. Of particular importance to the City of London is the Non-Residential Building Construction Price Index, which is presented in Figure 2 for the Q1 2020 to Q2 2022 period.



This graph represents a striking change in the construction environment since the approval of the 2020 to 2023 Multi-Year Budget. Capital projects in the City's 10-year Capital Plan do account for inflation; however, the 2.4% factor used during the multi-year budget development has been significantly outpaced since the start of 2021. As a result, many projects and programs in the 10-year capital plan for lifecycle renewal, growth, and service improvement do not fully reflect the funding requirements in order to

compete the projects and programs as originally planned. By highlighting a handful of projects that have noted “inflation” as a contributory factor to cost overruns, the list below illustrates some of the significant impacts the current economic environment has had on the City’s ability to deliver its capital program in late 2021 and into 2022. Noting that in addition to inflation, there may be other challenges being addressed by the budget increases described, e.g. scope changes, increasing land costs, etc.

- **Adelaide Street North CPR Underpass Project** – At the March 29, 2022, Civic Works Committee meeting, via agenda item #4.5, a budget increase of \$29.3 million was approved by Committee to award the construction contract for the Adelaide Street Grade Separation project. Prior to tendering the available (uncommitted) approved budget (TS1306 only) for this project was \$36.3 million. Rising construction costs, supply chain concerns, excess soil regulations, complexity and scope challenges were all cited as contributors to the increase. Additional funding was made available through a variety of sources to address the increased cost; a transfer from the Highbury Avenue lifecycle renewal project, property tax supported debt financing, and development charges.
- **Dingman Creek Pumping Station** – At the May 11, 2021, Civic Works Committee meeting, via agenda item #2.2, a budget increase of \$7.6 million was approved by Committee to award the construction contract for the Dingman Creek Pumping Station project. Prior to tendering the available approved budget for this project was \$15.2 million. Rising cost of materials and equipment due to COVID-19 and scope changes were cited as significant contributors to the increase accounting for \$5.5 million of the \$7.6 million; estimated at \$2.0 million and \$3.5 million respectively. Additional funding was made available through the Sewage Works Renewal reserve fund and development charges supported debt financing.
- **Southdale Road West Improvements Phase 1** – At the March 29, 2022, Civic Works Committee meeting, via agenda item #4.6, a budget increase of \$6.2 million was approved by Committee to award the construction contract for the Southdale Road improvements project. Prior to tendering the available approved Transportation budget (TS1629-1) was \$6.0 million. The rationale provided for the increase focuses primarily on scope change but also notes current market and supply chain conditions which in all probability also contributed to the tender result. Additional funding was made available through property tax supported debt financing, and development charges supported debt financing. The total Transportation budget for this project post construction tender is \$12.2 million.
- **Victoria Bridge Replacement** – At the February 1, 2022, Civic Works Committee meeting, via agenda item #2.6, the \$22.8 million construction award for the Victoria Bridge replacement project was approved by Committee. Prior to tendering the pre-tender estimate for the project was \$18.4 million. While available approved budgets existed to address the increased cost, several reasons were provided for the higher than anticipated result, including; uncertainty and risk with respect to material fabrication and potential impacts to project timelines - particularly for the structural steel, recent high construction escalation rates, labour shortages and increasing costs for skilled labour, rapidly increasing project insurance costs, etc.

It should be emphasized that not all capital projects are experiencing budget pressures due to inflationary challenges. Many capital project procurements have come in at or below budgeted amounts. However, the examples noted above do provide some noteworthy examples of projects that were significantly impacted by inflation.

Due to the strong financial position of the City and prudent financial principles that guide decision making, Civic Administration has been able to identify solutions to fill many of the known financing gaps. This, however, should be viewed with an abundance of caution. In order to accommodate additional cost pressures, some projects have had to be deferred (e.g. Highbury Avenue to help facilitate Adelaide Grade Separation), which

results in service level impacts. To date, these impacts have been relatively minor, but this is an approach that is not sustainable in the long-term. Going forward, significant pressures will result in challenging choices and trade-offs for the next multi-year budget.

While inflation may be showing early signs of easing (albeit still at very elevated levels), it should be noted that construction price deflation (i.e. falling construction prices) is very rare and typically only seen during significant economic downturns. Pausing or deferring capital projects in this environment may not reduce our future costs with respect to the City's capital works and may in fact have detrimental effects on London's economic recovery. Additionally, deferring a significant number of capital projects would likely cause operational issues as projects stack up in future years, calling into question the ability to deliver all of that work in a compressed period of time.

Civic Administration will continue to monitor these inflationary pressures and the impact they are having on delivery of the City's capital plan. In the coming months leading up to the next multi-year budget, easing of supply chain pressures, commodity price moderation (again steel, lumber, etc.), central bank actions, etc. may help moderate future inflationary impacts. In a year's time the 2024 to 2027 Multi-Year Budget will provide the best opportunity for significant changes to the City's capital budget and 10-year capital plan – waiting to incorporate updates into the multi-year budget will allow the City to see how any moderation in the current inflationary trend plays out over the coming months. In addition, significant change within the City's base capital budgets will be best completed during the multi-year budget development period where these pressures can be evaluated in context and prioritized amongst all budget requests made during this time.

The impacts of inflations have been partially offset by an influx of funding from other levels of government. As well, until the 10-year capital plan is re-evaluated as part of the 2024 to 2027 Multi-Year Budget, Civic Administration has several tools at its disposal to help combat the inflationary price increases being experienced:

1. **Life-to-Date Capital Budgets and Re-prioritizing Capital Work** – Civic Administration will continue to review its existing capital plans and re-prioritize capital work, as necessary. This ensures that the most necessary projects are being completed and that existing, previously approved capital funding is used in the most efficient manner.
2. **Manage the Scope of Projects** – Civic Administration will continue to closely monitor the scope of prioritized capital works being tendered to ensure expenditures are only of the most necessary nature.
3. **Reserves and Reserve Funds** – The City of London maintains over eighty reserves and reserve funds with dedicated uses, many of which provide for the construction and maintenance of capital works. Where applicable these funds can be used to address needs in the build up to the 2024 to 2027 Multi-Year Budget. These funds include \$7 million that Council directed to the Operating Budget Contingency Reserve from the 2021 year-end surplus to help address inflationary impacts on the City's budgets.
4. **Available Debt Financing** – The City of London adheres to a strict internal debt cap with respect to its capital program financing. This cap is currently set at an average of \$36 million per year, calculated on the 10-year rolling capital plan. Debt financing remains an option when used appropriately in accordance with the City's financial policies and principles.

Should budget changes be required, these adjustments would be included in future capital budget requests via the 2023 Annual Budget Update or via the regular Council Committee Meeting cycle.

It should be noted that Finance Supports is actively working with all Service Areas to assess the magnitude of potential funding shortages associated with inflationary and supply chain pressures for projects contained in the capital forecast. Although the 10-year capital plan is not being adjusted at this time and may not fully reflect true project costs, the analysis being undertaken will be used for preparing the Asset Management

Plan, the 2023 Growth Management Implementation Strategy, the 2024-2027 Multi-Year Budget, and the 2025 Development Charges Background Study.

## 2.2 2022 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 1 summarizes 2022 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 1 – 2022 Capital Budget Life-To-Date Revisions as of June 30, 2022 (\$Thousands)**

Budget	2022 Life-to-Date Approved Budget (as of January 1, 2022)	2022 Council Budget Adjustments	2022 Administrative Budget Adjustments	2022 Life-to-Date Approved Budget (as of June 30, 2022)
Tax Supported	1,733,487	45,775	4,003	1,783,265
Wastewater	735,395	1,138	-381 <sup>1</sup>	736,152
Water	289,937	8,428	0	298,365
<b>Total</b>	<b>2,758,820</b>	<b>55,341</b>	<b>3,622</b>	<b>2,817,783</b>

Subject to rounding.

Table Note:

(1) Adjustment to reduce cash payments and up-front grants budget for Municipal Drain Reconstruction.

As of June 30, 2022, there were 102 discrete contract awards worth \$218.4 million (51 were awarded by Council and 51 were awarded administratively). Table 2 summarizes 2022 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 2 – 2022 Capital Budget Contract Awards as of June 30, 2022 (\$Thousands)**

Budget	Council Approved Contract Awards	Administration Approved Contract Awards	Total Awards
Tax Supported	129,528	23,682	153,210
Wastewater	14,973	18,089	33,062
Water	14,495	17,657	32,152
<b>Total</b>	<b>158,996</b>	<b>59,428</b>	<b>218,424</b>
Number of Contract Awards	51	51	102

Subject to rounding.

### 2.3 2022 Life-To-Date Capital Budget Status

A summary of the 2022 life-to-date capital budget, including the committed and uncommitted amounts, is summarized in Table 3. This information is essential for budget monitoring to ensure that spending is being managed within the approved budget.

**Table 3 – 2022 Life-To-Date Capital Budget Details as of June 30, 2022 (\$Thousands)**

Budget	Classification	Approved Budget <sup>1</sup>	Actual and Commitments <sup>2</sup>	Uncommitted to Date <sup>2</sup>	Percent Committed
Tax Supported	Lifecycle	539,004	364,982	174,022	67.7%
Tax Supported	Growth	859,270	470,304	388,966	54.7%
Tax Supported	Service Improvement	384,991	249,876	135,115	64.9%
Tax Supported	Sub-Total	1,783,265	1,085,162	698,103	60.9%
Wastewater	Lifecycle	222,272	183,882	38,389	82.7%
Wastewater	Growth	368,279	204,324	163,955	55.5%
Wastewater	Service Improvement	145,602	95,417	50,185	65.5%
Wastewater	Sub-Total	736,152	483,623	252,529	65.7%
Water	Lifecycle	197,612	168,457	29,154	85.2%
Water	Growth	90,891	68,040	22,852	74.9%
Water	Service Improvement	9,862	4,869	4,993	49.4%
Water	Sub-Total	298,365	241,366	56,999	80.9%
<b>City</b>	<b>Total</b>	<b>2,817,783</b>	<b>1,810,151</b>	<b>1,007,631</b>	
<b>City</b>	<b>Percentage of Total</b>	<b>100.0%</b>	<b>64.2%</b>	<b>35.8%</b>	

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 (currently tendered and in-progress) capital projects (excluding projects recommended to be closed as identified in Appendix “C”), it has been determined that there are currently no active projects identified as at risk of being over budget by over \$50 thousand.

Appendix “B” contains a status update for capital projects with budgets greater than three years old (2019 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” (see Section 2.6 below).

## 2.4 Capital Budget Housekeeping Adjustments

On August 10, 2021, Council approved the Council Policy Manual Review, which includes 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.

The housekeeping budget adjustments completed result in \$15.8 million being returned to their various original source of financing. These savings are primarily attributable to favourable tender results caused by a competitive marketplace at the time of the tender award, and changes to timelines and scopes of projects (e.g., a growth project delayed to a future period). The impacts realized to date in 2022 are all non-rate supported sources of financing, summarized in Table 4 below. For a detailed listing of each capital project refer to Appendix “D”.

**Table 4 – Capital Budget Housekeeping Adjustments Non-Rate Supported Sources of Financing to be Released (\$Thousands)**

Budget	Reserve Funds <sup>1</sup>	Debt <sup>1</sup>	Other	Total
Tax Supported	0.0	0.0	0.0	0.0
Wastewater	15,369.9	438.9	0.0	15,808.8
Water	0.0	0.0	0.0	0.0
<b>Total</b>	<b>15,369.9</b>	<b>438.9</b>	<b>0.0</b>	<b>15,808.8</b>

Subject to rounding.

Table Notes:

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

In total, the housekeeping budget adjustments exercise will release non-rate reserve fund drawdowns of \$15.4 million. The details of these reserve fund drawdown releases are outlined in Table 5 below.

**Table 5 – Capital Budget Housekeeping Adjustments Non-Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)**

Reserve Fund	Amount
City Services Reserve Fund Stormwater	15,369.9
<b>Total</b>	<b>15,369.9</b>

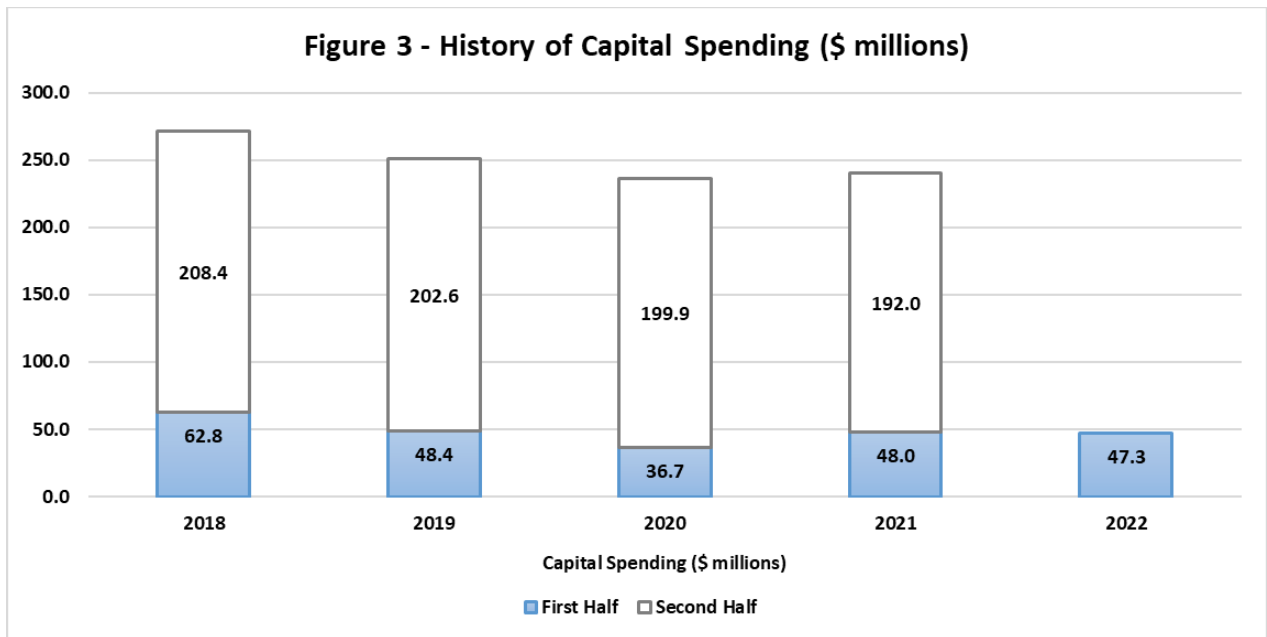
Subject to rounding.

## 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 June 30, 2022, **total capital spending was \$47.3 million** compared to \$48.0 million in 2021 (Figure 3 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 39 projects with a total budget value of \$54.9 million. The completed projects that are recommended to be closed were under budget by \$2.0 million in total. The rate and non-rate source of financing impacts of closing the completed capital projects is summarized in Table 6 and 7 below. For a detailed listing of each completed capital project refer to Appendix “C”.

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

Budget	Capital Levy	Debt	Reserve Funds	Total
Tax Supported	-2.8 <sup>1</sup>	0.0	120.9	118.1
Wastewater	0.0	0.0	44.3	44.3
Water	0.0	0.0	1,302.3	1,302.3
<b>Total</b>	<b>-2.8</b>	<b>0.0</b>	<b>1,467.5</b>	<b>1,464.7</b>

Subject to rounding.

**Table 7 – Completed Capital Projects Non-Rate Supported Sources of Financing to be Released (\$Thousands)**

Budget	Reserve Funds <sup>1</sup>	Debt <sup>2</sup>	Other <sup>3</sup>	Total
Tax Supported	-42.6 <sup>1</sup>	0.0	434.4	391.8
Wastewater	0.0	0.0	132.9	132.9
Water	0.0	0.0	0.0	0.0
<b>Total</b>	<b>-42.6</b>	<b>0.0</b>	<b>567.3</b>	<b>524.7</b>

Subject to rounding.

Table 6 and Table 7 Notes:

- (1) Adjustment of funding associated with non-eligible PTIF claims.
- (2) Non-rate supported reserve funds / debt primarily supported by Development Charges.
- (3) Represents non-City funding sources such as proceeds from external contributors.

In total, the capital project closing exercise, if approved, will release and transfer uncommitted rate and non-rate reserve fund drawdowns of \$1.42 million, of which, \$1.47 million relates to rate supported reserve funds and -\$43 thousand relates to non-rate supported reserve funds. The details of these pending reserve fund drawdown releases are outlined in Table 8 and 9 below.

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

Reserve Fund	Amount
Operating Budget Contingency Reserve <sup>1</sup>	-1.3
Operating Efficiency, Effectiveness and Economy Reserve	91.1
Land Acquisition Reserve Fund	31.1
Sewage Works Renewal Reserve Fund	44.3
Water Works Renewal Reserve Fund	1,302.3
<b>Total</b>	<b>1,467.5</b>

Subject to rounding.

Table Notes:

(1) Capital Project PK1100 requires a small drawdown from OBCR (original source) to close the project.

**Table 9 – Completed Capital Projects Non-Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)**

Reserve Fund	Amount
City Services Reserve Fund Roads <sup>1</sup>	-42.6
<b>Total</b>	<b>-42.6</b>

Subject to rounding.

Table Notes:

(1) Adjustment of funding associated with non-eligible PTIF claims.

## 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. An administrative target was previously set to eliminate debt financing on lifecycle renewal projects. In 2022 the administrative target of 0% debt financing for lifecycle renewal projects was achieved, meaning lifecycle renewal projects are now completely financed from a combination, based on need and affordability, of capital levy and drawdowns from the City’s many Capital Asset Renewal and Replacement reserve funds.

## 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), the Capital Asset Renewal and Replacement Reserve Funds Rationalization Report at the September 8, 2020, Corporate Services Committee meeting (agenda item #2.1) and the Special Projects and New Initiatives Reserve Fund Rationalization Report at the June 20, 2022, Corporate Services Committee meeting (agenda item #2.2). 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.

Civic Administration will continue similar rationalization exercises focusing on the City's 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 2022 is detailed in Table 10 below.

**Table 10 – 2022 Debt Level as of June 30, 2022 (\$Thousands)**

Category	Dec 31, 2021	Issued in 2022	Retired in 2022	Dec 31, 2022 <sup>1</sup>	Authorized 2022	Total Potential
Property Taxes	123,807	12,289	26,358	109,738	158,589	268,327
Wastewater	24,662	-	5,207	19,456	884	20,340
Water	213	-	105	108	-	108
Rate Supported Reserve Funds	3,752	-	2,096	1,656	-	1,656
Joint Water Boards – City's Share	7,522	-	2,236	5,286	-	5,286
City Services Reserve Funds	86,359	8,711	12,556	82,514	135,317	217,831
<b>Total</b>	<b>246,314</b>	<b>21,000</b>	<b>48,557</b>	<b>218,757</b>	<b>294,790</b>	<b>513,547</b>

Subject to rounding. City of London only, excludes debt of consolidated entities.

Table Note:

(1) Outstanding debt level is subject to completion of 2022 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	2022 results: 0% debt
Limiting debt financing by way of an internal debt cap	Average of \$36.0 million over 10-year capital plan for property tax supported initiatives	2022 results: forecasted 10-year average of \$35.5 million in debt financing (per 2022 Annual Update)
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 year-end operating result: \$1.67 million applied.  2022 assessment growth: \$483 thousand applied.
Releasing surplus debt financing from the capital budget	No specified target, subject to available surplus	2021 year-end capital results: \$1.1 million released.

**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%	2022 results: Property Tax 4.6%, Wastewater 5.2%, Water 0.1% <sup>1</sup>
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 2021 and beyond. Within this section, each emerging issue is assigned a likelihood, which estimates the issues probability of impacting the 2021 to 2023 period. These likelihoods are categorized as high, medium, and low, and are defined as follows:

- High – likelihood of the issue impacting the 2021 to 2023 period is predicted to be greater than 60%.
- Medium – likelihood of the issue impacting the 2021 to 2023 period is predicted to be between 30% and 60%.
- Low – likelihood of the issue impacting the 2021 to 2023 period is predicted to be less than 30%.

## **PROPERTY TAX**

### **Infrastructure Funding**

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

The City of London was approved for ten transit related projects under this program for a total project cost of \$375.2 million, with \$103.1 million from the Government of Ontario, \$123.8 million from the Government of Canada and the balance of funding, approximately \$148.2 million, coming from municipal and other sources. Construction on most ICIP-PTS funded projects started in 2020 and 2021, with construction continuing in 2022 and beyond. The program deadline for construction is 2033.

#### ICIP-PTS – Intake 3

This new intake was announced in June 2021 and will stay open until March 2024. In January 2022, Municipal Council approved the following seven active transportation projects to be submitted for funding.

1. New On-Road Cycling Facilities
2. New Pedestrian Crossings
3. Boulevard Bike Lane Renewal
4. Intersection Accessibility Compliance
5. Active Transportation Improvements across Bridge Pinch Points
6. Bike Parking
7. South Branch Thames Valley Parkway Extension

The total value of the submitted projects was \$40 million. This represented the remaining unallocated amount of London's provision of ICIP-PTS funding from the Federal and Provincial governments, including the municipal contribution. The applications were submitted on February 25, 2022. The City is still waiting for approval. Projects must be complete by October 2027.

#### ICIP-PTS – London Transit Commission Highbury Avenue Facility

After submission of the initial ten transit related projects in 2019 and the active transportation projects in January 2022, as described above, London had \$119.3 million remaining in allocated Federal and Provincial funding available. Including the municipal contribution, this allows for at least \$163.4 million in capital works. This allocation was associated with the North and West corridors of rapid transit plan, both included in the City's ten-year capital plan but not submitted to ICIP-PTS for approval.

In July 2020, staff recommended preserving this funding for future eligible projects, which were expected to arise from London Transit Commission (LTC) capital plans and the Mobility Master Plan (MMP), prior to the ICIP-PTS application deadline of March 2024. In April 2022, Federal Budget 2022 extended the ICIP-PTS project completion date to October 2033 but accelerated the application deadline to March 2023. The Province then required final applications by November 2022 to allow time for review. Civic Administration and LTC staff immediately began working on alternative projects to take advantage of London's remaining allocation prior to the new deadlines.

The extended ICIP-PTS construction deadline and the recent completion of the plan to convert LTC's fleet to zero-emission vehicles allowed for consideration of another important project. LTC's current Highbury Avenue facility is at the end of its useful life and needs to be replaced to support service growth and is integral to the successful conversion of the LTC fleet from diesel. An update to a previous study on the LTC facility to incorporate zero-emission buses is currently underway at LTC.

On August 2, 2022, Municipal Council approved both City and LTC staff's recommendation to develop a joint application for the remaining ICIP-PTS funds towards a new LTC facility on Highbury Avenue to accommodate transit service growth and conversion of the LTC fleet to zero-emission buses. This application will be submitted by the aforementioned deadline.

#### 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

In August 2020, the Federal Government announced the COVID-19 Resilience Infrastructure Stream to assist with social and economic recovery from the health and economic crisis brought on by COVID-19. London was approved for four projects under this stream. All projects are under construction and must be completed by end of 2024.

1. Active Transportation - \$3.75 million. Includes three projects for new cycling facilities, boulevard bicycle path improvements and downtown sidewalk improvements.
2. Recreation Facilities - \$1.75 million. One project for 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.

On May 12, 2022, London was approved for a \$2.2 million project for the Kinsmen Arena Deep Energy Retrofit under the GICB stream. Civic Administration is currently working with the ministry on the contribution agreement to present to Council. Another application under the GICB stream for a similar project at Nichols Arena for \$2.9 million is pending approval.

#### 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 over two years. Its aim is to help communities across Canada build and improve community infrastructure projects so they can rebound from the effects of the COVID-19 pandemic.

In early 2022, London was approved for two projects:

1. Hyde Park Village Green - \$750,000. This project will reinvent the empty lot at 1695 Hyde Park Road, transforming it into a green space with accessible walkways, providing a direct route for pedestrians and cyclists between residences and the neighbourhood's retail and business main street.
2. RBC Place – King Street Parkette Revitalization - \$713,150. This project will revitalize the King Street Parkette adjacent to RBC Place creating a vibrant, accessible outdoor space able to accommodate up to 500 guests for organized events, providing an attractive, accessible, and safe space for social gathering by residents and visitors.

#### Tourism Relief Fund (TRF)

In June 2021, the Federal Government announced the Tourism Relief Fund (TRF), a national investment of \$500 million over two years to support tourism businesses and organizations to adapt their operations to meet public health requirements while investing in products and services to facilitate their future growth.

On April 17, 2022, London was approved for a \$420,000 project "Welcome to the Heart of London", to establish a more welcoming and visually attractive environment using consistent design elements to guide visitors through tourism facilities and events.

## **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). Municipal Council approved a \$26.0 million business case as part of the 2022 Budget Update to support this strategy, 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.

On May 25, 2022, the LTC approved a recommendation from LTC Administration to approve in principle the ZEB fleet implementation and rollout plan and use the plan to support funding applications as determined in cooperation with Civic Administration. These applications would be submitted to the above two programs, among others.

## **Likelihood of Impact on 2022 to 2023 Budget - High**

### **Transportation Budget Amendments**

Several large, complex transportation growth projects will require realignment and adjustment of their project budgets as they move from environmental assessment to detailed engineering design and account for impacts from inflation. The projects most impacted are the intersection of Richmond Street and Fanshawe Park Road, the Bradley Avenue Extension, and the roundabout at Colonel Talbot Road and Southdale Road. These projects will be included in a budget amendment in the 2023 Budget Update. These projects are primarily supported by development charges funding.

## **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.

A Corporate AMP 2022 Review will not be published this year. The City's Corporate Asset Management staff are currently at capacity undertaking a full update of the entire City of London asset management plan, which will be presented in 2023.

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, and, continuing to utilize one-time funding where available.

#### **Likelihood of Impact on 2022 to 2023 Budget – High**

##### **Affordable Housing – 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.

As per 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 some capital plans.

#### **Likelihood of Impact on 2022 to 2023 Budget - Low**



## **WASTEWATER & WATER**

### **Infrastructure Funding (Wastewater)**

#### Disaster Mitigation and Adaptation Fund

In 2018, the Government of Canada launched the Disaster Mitigation and Adaptation Fund (DMAF), committing \$2 billion over 10 years to invest in structural and natural infrastructure projects to increase the resilience of communities that are impacted by natural disasters triggered by climate change. In the Federal Budget 2021, an additional \$1.375 billion in federal funding over 12 years was announced to renew the DMAF.

London's wastewater treatment plants, which protect the Thames River from the effects of the City's wastewater and represent millions of dollars in assets, are in areas that may be flooded during extreme weather events. Flood protection systems at Greenway and Adelaide Wastewater Treatment Plants were identified as priority projects because of the location of those plants within the Thames River floodplain. Flood protection measures will improve the resilience of these facilities, enhance staff safety during extreme wet weather events, and reduce the likelihood of overflows and bypasses during those events.

On October 13, 2020, the Federal Government announced that the City of London was approved for funding under the DMAF program to support the construction of flood protection measures at the Greenway and Adelaide Wastewater Treatment Plants. The overall project cost is estimated at \$49.5 million, with the maximum federal share of all project related expenses totalling \$19.8 million (40%). The contribution agreement for the federal funding was presented to Council committee on March 29, 2022, and work is proceeding. A consulting assignment was previously awarded by Council in March 2021 to undertake the public consultation process for these projects and is fully eligible for funding under the agreement.

In November 2021, the City made another application to the DMAF program during another intake opportunity. This application was for a project on the Broughdale Dyke. This dyke protects 191 properties within the floodplain including residential, institutional and recreational areas. An environmental assessment in 2016 recommended extending and raising the dyke from a 100-year flood elevation to a 250-year flood level elevation. Approval of this project would allow the City to move forward with the reconstruction of the dyke and provide a higher level of protection for the citizens in this area. The project is estimated to be \$9 million with a federal contribution of \$3.6 million. A decision on the DMAF funding for this project is anticipated soon.

#### **Likelihood of Impact on 2022 to 2023 Budget - High**

#### **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. Through the Corporate AMP 2021 Review it was determined that 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 act 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.

A Corporate AMP 2022 Review will not be published this year. The City's Corporate Asset Management staff are currently at capacity undertaking a full update of the entire City of London asset management plan, which will be presented in 2023.

#### **Likelihood of Impact on 2022 to 2023 Budget - High**

### **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 working with the Heavy Construction Industry to understand the potential impact of these changes on costs moving forward. 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.

### **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. Staff will continue to monitor the availability of funding and will submit applications for this work at every opportunity.

### **Likelihood of Impact on 2022 to 2023 Budget – Low**

### **Arva Huron Water Pipeline Environmental Assessment (Water)**

The Arva-Huron Pipeline is the most critical supply of water into the City of London, supplying approximately 85% of water used by all customers. An environmental assessment was recently completed to determine the long-term strategy for replacing this key component of the City's water system. The short-term recommendation includes an asset management strategy consisting of maintenance, monitoring, and upgrading tasks. Cost estimates were provided for these asset management tasks to 2040 when the watermain is expected to reach the end of its useful life. There is sufficient funding within the current multi-year budget to complete this work over the budget period. Ongoing funding for monitoring and maintenance will be included in future multi-year budget submissions.

The long-term recommendation, which addresses the eventual replacement of this infrastructure, includes the installation of a new single or twinned water transmission main(s) on a parallel street. This work will be incorporated in the 20-year plan and included in future multi-year budget submissions.

### **Likelihood of Impact on 2022 to 2023 Budget – Low**

## Conclusion

Key items included in the 2022 Mid-Year Capital Budget Monitoring Report include the following:

The 2022 life-to-date capital budget:

- \$1.8 billion (64.2%) of the \$2.8 billion 2022 life-to-date capital budget is committed, leaving \$1.0 billion (35.8%) of approved capital funding uncommitted.
- A status update for active 2019 life-to-date capital budgets (2019 and prior) that have no future budget requests is provided in Appendix “B”.

A total of 39 completed capital projects with a total budget value of \$54.9 million and surplus of \$2.0 million are recommended to be closed with surplus funding returned to the original source of financing (Appendix “C”).

Inflationary and 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.

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John Millson – Senior Financial Business Administrator  
Meng Liu – Senior Financial Business Administrator

Attachments:

Appendix A - 2022 Capital Budget Activity (Life-To-Date June 30, 2022)

Table 1 - 2022 Council Awards Details

Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
22001	2022-01-10	Transportation Services	Property Acquisition, Southdale Road Improvements Project	602,789	0
22002	2022-01-11	Transportation Services	Kilally Infrastructure Works Detailed Design	167,904	0
22002	2022-01-11	Wastewater and Treatment	Kilally Infrastructure Works Detailed Design	396,391	0
22002	2022-01-11	Water	Kilally Infrastructure Works Detailed Design	167,904	0
22003	2022-01-11	Wastewater and Treatment	UTRCA and City of London Flood Protection, West London Dyke	73,445	0
22004	2022-01-11	Environmental Services	Technical Landfill Design Studies	771,740	0
22005	2022-01-10	Transportation Services	License Agreement, Downtown Loop and Municipal Infrastructure Improvements	22,591	22,591
22006	2022-01-11	Wastewater and Treatment	Emergency Reports to Pumps at Wonderland Pumping Station	68,841	0
22009	2022-02-01	Wastewater and Treatment	East London Link and Municipal Infrastructure Improvements Phase 1	5,702,299	0
22009	2022-02-01	Water	East London Link and Municipal Infrastructure Improvements Phase 1	2,041,076	0
22009	2022-02-01	Transportation Services	East London Link and Municipal Infrastructure Improvements Phase 1	15,048,150	2,452,218
22010	2022-03-29	Transportation Services	T20-100 Contract Price Increase	478,272	0
22011	2022-02-01	Transportation Services	T21-109 Victoria Bridge Replacement	24,363,634	45,204
22011	2022-02-01	Parks and Recreation Services	T21-109 Victoria Bridge Replacement	579,216	0
22012	2022-01-31	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	1,224,119	0
22016	2022-02-28	Wastewater and Treatment	Subdivision Special Provisions - Sunningdale Court Phase 1	217,979	143,690
22020	2022-03-01	Wastewater and Treatment	Hyde Park Environmental Assessment Stormwater Managements Works	175,455	0
22021	2022-03-01	Transportation Services	Mobility Master Plan Consultant	914,308	0
22023	2022-03-01	Protective Services	Single Source Procurement - Xalt Real-time Fire CAD to RMS Interface	106,933	0
22024	2022-02-28	Transportation Services	Property Acquisition, Southdale Road Improvements Project	5,086	0
22026	2022-02-28	Wastewater and Treatment	Property Acquisition, Cavendish Phase III Renewal Project	210,537	0
22027	2022-03-29	Transportation Services	Detailed Design, Southdale Road West and Colonel Talbot Road Roundabout	496,971	196,971
22030	2022-03-29	Transportation Services	RFT21-83 Contract Price Increase: Fanshawe Park Road Boulevard Cycling Lanes Rehabilitation	254,400	0
22031	2022-03-29	Transportation Services	RFP 19-49 Contract Price Increase: Dundas Street Thames Valley Parkway	93,416	0
22032	2022-03-29	Transportation Services	RFT2022-001 Southdale Road West Improvements	9,988,664	6,204,253
22032	2022-03-29	Water	RFT2022-001 Southdale Road West Improvements	301,358	0
22032	2022-03-29	Wastewater and Treatment	RFT2022-001 Southdale Road West Improvements	522,353	0
22034	2022-03-29	Wastewater and Treatment	Contract Administration Services: 2022 Infrastructure Renewal Program	711,928	0
22034	2022-03-29	Water	Contract Administration Services: 2022 Infrastructure Renewal Program	474,618	0
22034	2022-03-29	Transportation Services	Contract Administration Services: 2022 Infrastructure Renewal Program	78,395	0
22035	2022-03-29	Wastewater and Treatment	RFT21-91 Metamora Stormwater Outfall Replacement	204,014	0
22036	2022-03-29	Wastewater and Treatment	RFT21-16 Contract Price Increase: English Street and Lorne Avenue Reconstruction	584,680	25,000
22036	2022-03-29	Water	RFT21-16 Contract Price Increase: English Street and Lorne Avenue Reconstruction	101,760	0
22037	2022-03-29	Parks and Recreation Services	Oakridge Resident Engagement Results	0	200,000
22038	2022-03-29	Transportation Services	RFT21-97 Adelaide Street North CPR Underpass	65,639,361	18,200,674
22038	2022-03-29	Parks and Recreation Services	RFT21-97 Adelaide Street North CPR Underpass	42,739	0
22038	2022-03-29	Wastewater and Treatment	RFT21-97 Adelaide Street North CPR Underpass	557,149	0
22038	2022-03-29	Water	RFT21-97 Adelaide Street North CPR Underpass	226,889	0
22042	2022-03-28	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	575,493	0
22043	2022-03-28	Corporate, Operational and Council Services	RFP22-049 Corporate Asset Management Plan Development	221,017	0
22045	2022-03-28	Parks and Recreation Services	Property Acquisition, Meander Creek Park	5,113	5,113
22046	2022-04-20	Transportation Services	Construction Partnership for Gideon Drive Rehabilitation	400,371	0
22050	2022-04-20	Transportation Services	Appointment of Transportation and Mobility Big Data Provider	171,909	0
22052	2022-04-20	Parks and Recreation Services	RFP2022-054 - New Play Equipment at Gibbons Park and Greenway Park	400,137	0
22055	2022-04-20	Wastewater and Treatment	RFT21-121 Greenway UV Upgrade Construction	3,431,602	0
22056	2022-04-20	Wastewater and Treatment	Single Source Appointment - Dingman Creek Surface Water Monitoring Program	191,315	0
22058	2022-04-25	Planning and Development Services	Streamline Development Approval Fund - Continuous Improvement of the Development Approvals	454,104	0
22059	2022-04-25	Planning and Development Services	Single Source Procurement - Update to the Site Plan Control By-law and Manual	155,932	0
22061	2022-05-10	Transportation Services	RFP2022-008 - Colonel Talbot Road 2-Lane Upgrades	769,501	0
22065	2022-05-10	Water	Contract Administration Services and Temporary Easement Agreement with UWO: Huron Street Watermain Remediation	175,543	0
22066	2022-05-10	Wastewater and Treatment	London Psychiatric Hospital Lands Stormwater Management Facility	568,204	0

Appendix A - 2022 Capital Budget Activity (Life-To-Date June 30, 2022)

Table 1 - 2022 Council Awards Details

Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
22067	2022-05-10	Water	RFT2022-016 Springbank Reservoirs 1 and 3 Roof Membrane Replacement And Repairs	10,254,426	7,518,779
22068	2022-05-10	Wastewater and Treatment	West London Dyke Consultant Award for Infrastructure Feasibility Assessment	251,061	0
22069	2022-05-09	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	914,069	0
22077	2022-05-31	Corporate, Operational and Council Services	SS2022-166 - Base Station Replacement for Emergency Communications System	1,160,676	0
22080	2022-05-31	Water	Northcrest Drive Municipal Watermain Servicing Budget Increase	0	909,645
22081	2022-05-30	Water	Subdivision Special Provisions - Kent Phase 5	14,037	0
22082	2022-05-31	Planning and Development Services	Metamora Stormwater Outfall Replacement Contract Amendment	259,488	0
22083	2022-05-30	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	747,744	0
22090	2022-06-21	Wastewater and Treatment	Appointment of Consulting Engineers for the Infrastructure Renewal Program	1,105,586	0
22090	2022-06-21	Water	Appointment of Consulting Engineers for the Infrastructure Renewal Program	737,057	0
22090	2022-06-21	Transportation Services	Appointment of Consulting Engineers for the Infrastructure Renewal Program	169,218	0
22092	2022-06-20	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	611,938	0
22093	2022-06-20	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	623,553	0
22094	2022-06-20	Transportation Services	Property Acquisition, Wellington Gateway Rapid Transit Project	158,953	0
22096	2022-06-20	Transportation Services	Settlement Agreement, Wharnccliffe Road Widening Project	850,497	0
<b>Total</b>				<b>158,995,908</b>	<b>35,924,138</b>

**Appendix A - 2022 Capital Budget Activity (Life-To-Date June 30, 2022)**

**Table 2 - 2022 Council Approved Budget Adjustments Details**

Budget	Description	Budget Adjustment
Property Tax	2022 Assessment Growth	281,192
Property Tax	Roadmap to 3000 Affordable Housing Units	15,706,405
Property Tax	Adjustments resulting from various Council approved reports	2,460,486
Wastewater and Treatment	Adjustments resulting from various Council approved Awards	968,778
<b>Total</b>		<b>19,416,861</b>

**Appendix A - 2022 Capital Budget Activity (Life-To-Date June 30, 2022)**

**Table 3 - Council Approved Awards and Budget Adjustments Summary**

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	129,528,401	45,775,107
Wastewater and Treatment Budget	14,972,839	1,137,468
Water Budget	14,494,668	8,428,424
<b>Subtotal Council Awards and Budget Adjustments</b>	<b>158,995,908</b>	<b>55,340,999</b>

**Table 4 - Administrative Awards and Budget Adjustments Summary**

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	23,681,703	4,002,513
Wastewater and Treatment Budget <sup>1</sup>	18,089,040	-381,310
Water Budget	17,657,275	0
<b>Subtotal Administrative Awards and Budget Adjustments<sup>2</sup></b>	<b>59,428,018</b>	<b>3,621,203</b>

Notes:

- 1) Negative adjustment amount reflects reduction of cash payments and up-front grants budget for Municipal Drain Reconstruction.
- 2) 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	153,210,104	49,777,620
Wastewater and Treatment Budget	33,061,879	756,158
Water Budget	32,151,943	8,428,424
<b>Total Council Approved and Administrative Awards and Budget Adjustments</b>	<b>218,423,926</b>	<b>58,962,202</b>

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
SW6023	Community Enviro Depots	Service Improvement	Environmental Services	1,500,000	70,072	1,429,928	Q4 2023	Re-configuration of Clarke Road EnviroDepot expected to be complete by Q4 2023.
SW6035	Landfill Gas Utilization	Service Improvement	Environmental Services	4,000,000	78,921	3,921,079	Beyond	FIT Contract cancelled July 16, 2018. Funds will be used for new projects for the beneficial use of captured landfill gas such as the production of Renewable Natural Gas.
SW6047	Material Recovery Facility	Service Improvement	Environmental Services	22,731,803	22,738,237	(6,434)	Q4 2022	Design of upgrades to existing MRF fire suppressant system. Assuming the items on backorder are received, we should be able to close this project by year-end.
SW6051	Municipal Waste Study	Life Cycle Renewal	Environmental Services	2,807,638	2,331,713	475,925	Q2 2023	Capital funds required to facilitate the Individual Environmental Assessment for the Residual Waste Disposal Strategy. This is a four to five year project.
TS5031	Transportation Demand Management	Service Improvement	Transportation Services	390,773	324,124	66,649	Q4 2024	Budget to be used for Transportation Demand Management including Transportation Management Association (approved as part of the Climate Emergency Action Plan)
TS6025	Bike Share Program	Service Improvement	Environmental Services	822,500	6,278	816,222	Q2 2024	The decision on a Bike Share System will not be made by Council until early 2023
GG1318	Core Area Informed Response	Service Improvement	Housing, Social & Health Serv	124,000	71,983	52,017	Q4 2023	COVID19 delays in supply chain and remote work impact delayed the purchase of vehicles.
PD2633	Development Of Information	Service Improvement	Housing, Social & Health Serv	416,860	214,379	202,481	Q2 2024	Project delayed due to complexities of the software development, legislative environment changes and the process of working with 7 other Service Managers for approvals, etc. Project budget expected to be fully spent at completion. Implementation is expected to conclude in 2024.
GG1730PHB	Decommissioning Of South St	Service Improvement	Corporate, Oper & Council Serv	2,380,000	2,322,546	57,454	Beyond	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.
ME1208	Ph 1 Fuel Switching Project	Service Improvement	Corporate, Oper & Council Serv	1,382,625	745,493	637,132	Q4 2023	There are three Phases to this project. Phase 1 cost \$745k, Phase 2 is estimated to be \$1.3M. Additional contributions from Facilities and Environmental Services have been secured and will be allocated to ME1208.
TS1346	Corporate Asset Management Dev	Life Cycle Renewal	Corporate, Oper & Council Serv	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. \$1million. Unit 6 restarted on June 2021 and Scheduled to be completed by Q4 2023 while the Final unit 7 of the project is scheduled to start by 2023 with a completion date by 2025 to align with the new regulation (O.Reg 588/17) due date
TS1350	Corporate Asset Mgmt Software	Life Cycle Renewal	Corporate, Oper & Council Serv	360,000	156,336	203,664	Q4 2024	Phased implementation of Brightly software is well underway for Transportation and Mobility, Parks and Forestry & Recreation and Sport 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 Brightly's system was in the City's 2019 Asset Management Plan & 2020 & 2021 CAM plan annual update. The CAM projected long term condition profiles to optimize service level outcomes and capital expenditures. Brightly's decision making module 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.
FS1012	Comprehensive Risk Assessment	Service Improvement	Protective Services	153,021	153,009	12	Q3 2022	Project to be closed once commitments run their course.
RC2021	Master Plan Substudies	Growth	Parks,Rec&Neighbourhood Serv	150,000	116,510	33,490	Q4 2022	There are several sub studies identified in the 2019 Parks and Recreation Master Plan that will be undertaken in 2022 including: Sport Strategy, Pricing Review (user fees), Outdoor Play Strategy etc.



Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
RC2608	Glen Cairn Arena	Service Improvement	Parks,Rec&Neighbourhood Serv	683,400	-	683,400	Beyond	Demolition plans to move forward in 2023 and has been delayed due to inability to work with the community on the future of the pool due to COVID-19
RC2612	Silverwoods Arena	Service Improvement	Parks,Rec&Neighbourhood Serv	2,226,200	-	2,226,200	Beyond	Currently on hold waiting on community engagement work to happen in 2023 to solidify plans and preliminary design on the future uses of the facility.
RC2755	South West Multi-Purpose Rec	Growth	Parks,Rec&Neighbourhood Serv	54,588,465	54,218,839	369,626	Q4 2022	Keep open to address issues on site. Issues stemming from original construction remaining (\$370K needed until year end to address issues). Warranty period complete, City completing work outside of warranty.
MU1200	Fleet Radio Replacement	Life Cycle Renewal	Transportation Services	625,000	-	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 or replacement. COVID has impacted the priority to complete the project.
MU1210	Fare Processing Equipment	Life Cycle Renewal	Transportation Services	1,495,000	-	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.
PD1076	Tvp - North Branch (Omcc)	Service Improvement	Parks,Rec&Neighbourhood Serv	3,303,752	3,303,752	-	Q4 2022	TVP North Branch project funded by OMCC. Work is complete with minor warranty issues to be resolved in 2022.
PD1143	Enhance Highbury Avenue	Service Improvement	Parks,Rec&Neighbourhood Serv	37,500	-	37,500	Q4 2023	Budget will be used for empty areas near Summerside subdivision, will be coordinated with Parks Planning.
PD1382-15	New Neighbourhood Parks	Growth	Parks,Rec&Neighbourhood Serv	260,000	227,077	32,923	Q3 2022	Work is complete. Waiting for subdivision capital claim.
PD138216	New Neighbourhood Parks	Growth	Parks,Rec&Neighbourhood Serv	220,000	80,249	139,751	Q4 2023	Construction started fall 2021 and bulk of construction completed summer 2022. Some additional pathway work in 2023.
PD138218	New Neighbourhood Parks	Growth	Parks,Rec&Neighbourhood Serv	150,000	28,887	121,113	Q3 2023	Richardson N.P. (\$120k) - construction started fall 2021 and will be completed summer 2022. Remaining funds set aside to work with community group/NCFS at Black Acres Park.
PD2043-11	2011 New Major Open Space	Growth	Parks,Rec&Neighbourhood Serv	482,047	437,375	44,672	Q4 2022	Hyde Park Open Space funding for pathway at CP Crossing off Sarnia. Waiting for adjacent site plan developer. \$20k will be put towards structural assessment of existing CP Tunnel.
PD2043-15	New Major Open Space Network	Growth	Parks,Rec&Neighbourhood Serv	700,000	641,049	58,951	Q4 2023	Remaining funds set aside for the Stoney Creek pathway system (connection at Windermere) - under design.
PD204316	New Major Open Space Network	Growth	Parks,Rec&Neighbourhood Serv	1,730,000	804,287	925,713	2025	Funds required for Richmond Street pedestrian crossing construction fees.
PD204317	New Major Open Space Network	Growth	Parks,Rec&Neighbourhood Serv	915,000	502,031	412,969	Q4 2023	TVP Main Branch EA (\$300k) - starting project in 2023 (structural assessment currently underway for Boler Road Bridge). Remaining funds are for Warbler Woods construction claim.
PD2124-12	2012 New Thames Valley Parkway	Growth	Parks,Rec&Neighbourhood Serv	50,000	-	50,000	Q3 2022	Capital Claim for Victoria on River - TVP complete, but claim not submitted yet.
PD2124-13	2013 New Thames Valley Parkway	Growth	Parks,Rec&Neighbourhood Serv	500,000	93,472	406,528	Q4 2024	\$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 for TVP capital claim on North Branch (Edge Valley)
PD2124-15	New Thames Valley Pathway	Growth	Parks,Rec&Neighbourhood Serv	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).
PD2125	New Thames Valley Pathway	Growth	Parks,Rec&Neighbourhood Serv	1,500,000	1,500,209	(209)	Q4 2022	TVP North Branch project funded by OMCC. Work is complete with minor warranty issues to be resolved in 2022.
PD2168	Tvp - North Branch	Service Improvement	Parks,Rec&Neighbourhood Serv	1,475,681	1,475,681	-	Q4 2022	TVP North Branch project funded by OMCC. Work is complete with minor warranty issues to be resolved in 2022.

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
PD2181-15	New Sportspark	Growth	Parks,Rec&Neighbourhood Serv	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.
PD218116	New Sportspark	Growth	Parks,Rec&Neighbourhood Serv	600,000	600,941	(941)	Q2 2024	Active PO for design of Foxfield Park (\$4.2M infrastructure grant).
PD218117	New Sportspark	Growth	Parks,Rec&Neighbourhood Serv	726,733	604,785	121,948	Q4 2024	Remaining funds to support soccer field at Foxfield.
PD218118	New Sportspark	Growth	Parks,Rec&Neighbourhood Serv	3,411,183	3,168,933	242,250	Q2 2024	Remaining funds for Citywide Sports field upgrades to accommodate sports growth. Waiting for developer east of park.
PD2230-15	New Field Houses	Growth	Parks,Rec&Neighbourhood Serv	58,438	58,438	-	Q4 2022	Fieldhouse upgrades in Riverbend District Park. Construction in progress and to be completed 2022.
PD275519	Woodland Property Acquisition	Service Improvement	Parks,Rec&Neighbourhood Serv	411,541	375,240	36,301	Q4 2023	Land acquisitions at Silverleaf Subdivision (ESA lands). Remaining funds will be used for clean-up, ecological restoration and trail development. Land acquired late fall 2019 - but still waiting for assumption of surrounding open space lands. Hope to complete in 2023 with support from City Ecologists.
PD3019-15	New Urban Parks	Growth	Parks,Rec&Neighbourhood Serv	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,Rec&Neighbourhood Serv	160,000	-	160,000	Q3 2022	Funding for urban park at Warbler Woods. Work complete - waiting for capital claim.
PD301918	New Urban Parks	Growth	Parks,Rec&Neighbourhood Serv	600,000	305,280	294,720	Q4 2024	Remaining funds for Hydro Lands/Carfrae Park area as per One River EA projects. Lands acquisition required to progress project (Realty progressing).
TS1031	Long Term Corridor Protection	Growth	Transportation Services	500,000	500,262	(262)	Q4 2023	EA is ongoing. Schedule delay is expected due to HONI's review and approval process.
TS1038	Transportation Development	Growth	Transportation Services	250,000	201,048	48,952	Q4 2022	2019 Development Charges work complete. TS1043 work to be initiated in 2022. Need to keep in open in case funds are needed when doing next DC study
TS1039	Transportation Master Plan	Growth	Transportation Services	100,000	58,081	41,919	Q2 2024	Funding for the Mobility Master Plan
TS1041	Transportation Impact Studies	Growth	Transportation Services	300,000	149,444	150,556	Q4 2023	Various transportation and traffic studies
TS1135	Dundas Flexible Street	Service Improvement	Transportation Services	30,053,669	28,562,116	1,491,553	Q4 2022	Construction is complete and we are dealing with some outstanding deficiencies with the contractor.
TS1218	Blackfriars Bridge Rehabilittn	Life Cycle Renewal	Transportation Services	1,500,000	1,499,708	292	Q3 2022	Under warranty, pending final work.
TS1328	Intersection - Hamilton Rd &	Growth	Transportation Services	1,718,800	1,721,801	(3,001)	Q4 2022	Project is complete but some warranty work may be required, so projects and PO should remain open.
TS1355-2	Wharnccliffe Rd Improvements	Growth	Transportation Services	6,563,750	278,631	6,285,119	Q2 2024	Ongoing design and construction underway. Project coordinated with TS1355-1 and current uncommitted balance should remain.
TS1410	Huron Street Upgrades	Growth	Transportation Services	1,794,400	1,767,698	26,702	Q3 2022	Most of the project is in Warranty until Q3 2022. Construction of Multi-Use pathway connection is still outstanding and should be completed in Q3 2022.
TS1487	Wonderland Rd Two Lane Upgrade	Growth	Transportation Services	10,395,000	9,234,940	1,160,060	Q4 2022	Minor Deficiency outstanding
TS1490	Wilton Grove Road Upgrades	Growth	Transportation Services	12,551,000	12,325,881	225,119	Q4 2022	Minor Deficiency outstanding
TS1496-2	Sunningdale Rd Widening - Ph 2	Growth	Transportation Services	4,294,260	3,912,285	381,975	Q2 2025	Imperial Oil pipeline relocation is a significant schedule and budget risk. Construction not expected before 2024.
TS1523-1	Bradley Ave 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.
TS1621-1	Veterans Memorial Pky -	Growth	Transportation Services	12,376,900	8,789,036	3,587,864	Q4 2022	Project is in warranty period until Q4 2022
TS1633	Advanced Land Acquisition	Growth	Transportation Services	1,640,000	56,090	1,583,910	Beyond	Funds to be kept available to future land acquisition along VMP for future interchanges
TS1652	Minor Rd Works-Misc Works	Growth	Transportation Services	89,100	8,904	80,196	Q4 2023	Program for developer driven claims
TS1653	Minor Rd Works - Sidewalks	Growth	Transportation Services	925,847	464,628	461,219	Q4 2022	Activities continuing into 2022

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
TS1654	Minor Rd Works - 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 Rd Works-New Traffic	Growth	Transportation Services	1,546,880	500,698	1,046,182	Q4 2023	Various project over MYB period from 2021 to 2023 - funding will be utilized.
TS1656	Minor Rd Works-Roundabouts	Growth	Transportation Services	450,000	416,831	33,169	Q4 2022	Warranty extends into late 2022
TS173917	Blk Cycling Facilities	Growth	Transportation Services	790,170	757,008	33,162	Q4 2023	Remaining funds will be used for next cycling tender (Colborne pavement marking exercise this fall)
TS173918	Cycling Facilities	Growth	Transportation Services	642,800	508,723	134,077	Q4 2023	These funds will be used to partially pay for Bradley Ave Cycle Lanes due to be tendered in late 2022 or early 2023.
TS1766	Bradley Avenue Extension	Life Cycle Renewal	Transportation Services	500,000	518,317	(18,317)	Q4 2023	Active legal issues ongoing. Maintain POs.
TS4078	Traffic Management Centre Ph 1	Growth	Transportation Services	830,000	618,625	211,375	Q4 2022	Additional components scheduled for 2022.
TS4165	Urban Intersections	Growth	Transportation Services	1,616,000	1,578,804	37,196	Q4 2023	Additional construction scheduled for 2022.
TS5910	Uwrf Transition To Csr- Roads	Growth	Transportation Services	1,668,000	1,700,054	(32,054)	Q4 2023	Account used to address Transportation UWRF claims that have been transferred to CSRF with the retirement of the UWRF. Timing of these projects are at the discretion of the developers, however it is anticipated that the remaining projects will be completed by Q4 2023.
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
ES5910	Uwrf Transition To Csr-Sewer	Growth	Environmental Services	1,919,000	203,273	1,715,727	Q4 2023	Account used to address Wastewater UWRF claims that have been transferred to CSRF with the retirement of the UWRF. Timing of these projects are at the discretion of the developers, however it is anticipated that the remaining project will be completed by Q4 2023.
ES6610	Uwrf Transition To Csr-Swm	Growth	Environmental Services	7,514,300	5,037,046	2,477,254	Q4 2023	Account used to address Stormwater UWRF claims and deficiencies at assumed stormwater management ponds (UWRF facilities). Timing of some of these projects are at the discretion of the developers, however it is anticipated that remaining projects will be completed by Q4 2023.
GG1034	Development Charges Consulting	Growth	Financial Management	850,000	673,864	176,136	Q4 2024	Funding for DC process consultant for area rating and other "clean-up" matters.
GG1730HB	Retention Of Heritage Bldgs	Service Improvement	Economic Prosperity	500,000	484,111	15,889	Beyond	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
GG1781	Replacement of 6 Rooftop Hvac	Life Cycle Renewal	Economic Prosperity	279,600	-	279,600	Q3 2023	Two make up air handler units to be replaced.
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.

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ID1167	Forest City Ind Park	Service Improvement	Economic Prosperity	4,202,798	3,468,517	734,281	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	5,783,533	229,020	Q4 2023	Ongoing ILDS. Review status in 2023. Projects come about based on need and development of parcels.
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	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
PD1015	South Street Campus Redev	Service Improvement	Planning&Development Services	155,000	144,229	10,771	Q2 2024	Funding for the on-going redevelopment and rehabilitation of the South St Hospital lands. Currently in discussions with Phase 2 proponent.
PD1102	Review Of Environmental Management Guidelines	Service Improvement	Planning&Development Services	50,000	-	50,000	Q4 2023	To be used for EMG (Environmental Management Guidelines) Update.
PD1145	Placemaking Design Guidelines	Service Improvement	Planning&Development Services	100,000	76,612	23,388	Q4 2023	Funding for consulting support for Urban Design Guidelines.
PD1213	Archaeological Master Plan	Life Cycle Renewal	Planning&Development Services	75,000	70,941	4,059	Q4 2023	Implementation guide stalled during pandemic, remaining monies held to assist with implementation.
PD1215	Back To The River	Service Improvement	Parks,Rec&Neighbourhood Serv	950,000	844,668	105,332	Q4 2023	Surplus fees from B2R EA. Funds will be used to support Harris Park Master Plan/shoreline improvements. SWM/PP&D Division issued joint RFP June 2022 for shoreline work.
PD1217	Dundas Place Field House	Service Improvement	Parks,Rec&Neighbourhood Serv	385,670	400,935	(15,265)	Q4 2022	Additional capital expenses for security that had to be undertaken that was not in the original tender.
PD2082	Meadowlily Area Planning Study	Growth	Planning&Development Services	520,000	520,000	-	Q2 2023	Sanitary Servicing EA to provide servicing solution for Meadowlily area.
PD2152	Planning Comprehensive Zoning	Growth	Planning&Development Services	1,000,000	918,333	81,667	Q4 2024	Project to complete new Zoning by-law for City of London to implement The London Plan.
PD2154	Heritage Conservation	Life Cycle Renewal	Culture Services	872,361	642,208	230,153	Beyond	Contract for condition Survey Reports and Maintenance Plan for various City-Owned Heritage Properties.
PD2162	New Urban Civic Spaces	Growth	Planning&Development Services	2,106,436	140,658	1,965,778	2025	Schedule delayed to better align with adjacent development.
PD223016	New Field Houses	Growth	Parks,Rec&Neighbourhood Serv	600,000	600,000	-	Q3 2022	Fieldhouse at Kilally Sport Field project - work completed. Warranty period and holdback to be release to be complete before closing project.
PD225317	New Environmentally	Growth	Planning&Development Services	80,000	-	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&Development Services	91,287	80,386	10,901	Beyond	On-going account to support heritage stewardship.
PD3023	5-Year Official Plan Review &	Life Cycle Renewal	Planning&Development Services	650,000	511,085	138,915	Q4 2024	Section 26 of the Planning Act requires that municipalities must determine the need for a revision of their Official Plan every 5 years. London's next review is prior to 2023. Following the Official Plan Review, amendment to the City's Zoning By-law may be required.
RC3466	Southeast Branch Library	Growth	Culture Services	5,118,000	-	5,118,000	2026	A new library to replace the current Pond Mills branch. This project has been delayed in hopes of partnering with the City of London and working within their timelines.
RC3467	Lsa 13 - Southeast Collections	Growth	Culture Services	250,000	-	250,000	2026	Additional collections required for a new location built in Southeast London.
TS2170	Bradley 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.
TS4209	Improved Parking Technology	Service Improvement	Transportation Services	300,000	307,874	(7,874)	Q4 2023	Pending Coordination of ITS Resources and Possible Resubmission through Technology Investment Strategy.
TS4213	Puc Parking Lot 12	Life Cycle Renewal	Transportation Services	400,000	252,642	147,358	Q4 2022	Construction to Begin in Q3 of 2022

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES2436	Weeping Tile Disconnection	Service Improvement	Environmental Services	1,151,936	19,015	1,132,921	Q4 2023	Targeted Weeping Tile Disconnection Program is underway. This funding will be used to subsidize work to disconnect weeping tiles from the sanitary sewer system. Keep this \$1.1M to hire a consultant to put together a master WT disconnection servicing plan. RFP draft in-progress.
ES244219	Extension Of Sanitary Services	Service Improvement	Environmental Services	800,000	48,881	751,119	Q4 2024	This account is required to partially source the construction of Blakie Road (Local Improvement Project), which is now expected to be tendered in the spring of 2023. It is expected that the project be completed and the warranty period be completed by Q4 2024.
ES246416	Blk Combined Sewer Separation	Service Improvement	Environmental Services	5,792,930	5,792,930	-	Q4 2022	Minor deficiency work and warranty period. Expected to be completed by December 2022.
ES2476	Elliot-Laidlaw Remediation	Life Cycle Renewal	Environmental Services	200,000	-	200,000	Q2 2024	Project needs to be assessed with Dingman Creek Stage 2 Lands EA that is currently underway and scheduled for completion in Q2 2024.
ES2494	SS15A Lambeth Growth Area	Growth	Environmental Services	5,000,000	1,816,976	3,183,024	Q2 2024	Phase 1 of this trunk sanitary sewer was constructed. Phase 2 is dependent on the developer's timing, however in the last 6 months they have expressed interest in getting this built in the near future. The variance in this project account is intended to fund Phase 2.
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. Variance will not be negative once some of the PO's are closed.
ES2685	Greenway Pcp Treatment	Growth	Environmental Services	44,955,855	44,743,714	212,141	Q4 2022	Final payment expected July 2022. Project to close after that is paid. Reason for favourable variance: Value of contract ended up being less than budget available, and WWTO was also able to save some contingency.
ES3020-HP6	SWM Facility - Hyde Park No 6	Growth	Environmental Services	2,416,700	1,256,700	1,160,000	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 was awarded Assignment 'B'. Both projects are expected to be constructed in 2023 with end of warranty in Q4 2024.
ES3020-PD2	SWM Facility- Pincombe Drain 2	Growth	Environmental Services	2,456,700	-	2,456,700	Q2 2023	Money to be retained for anticipated construction claims by the Developer. Timing for claim submission is dependent on the owner's timing. The actual final costs are unknown at this time. Partial or all of the funds will be used. The initial estimate from the Subdivision Agreement is \$1,520,424.
ES3020-RVBTC	SWM Facility - River Bend	Growth	Environmental Services	13,906,700	10,291,936	3,614,764	Q2 2023	This Growth DC account must be retained to allow for decommissioning of interim SWM facility associated with Riverbend Tributary C. The subdivision will reach the 70% buildout in the fall of 2022. The temporary SWM Facility will be decommissioned over the next several months and will be completed by Q2 2023. It is anticipated that the entire amount will be required.
ES3021	Land (Expropriation)	Growth	Environmental Services	900,000	577,868	322,132	Q4 2023	2014-2019 DC Land Acquisition Account. Uncommitted funds to be used for upcoming SWM GMIS Land needs in the Hyde Park Area.
ES3045	Horton Sanitary Sewer Upgrades	Life Cycle Renewal	Environmental Services	480,000	221,332	258,668	Q2 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	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.
ES3099	Pottersburg-Vauxhall Wwtp	Life Cycle Renewal	Environmental Services	3,976,996	1,187,324	2,789,672	2025	Multiple contracts under this project. Design work ongoing for next phase. Construction is expected to commence 2023.
ES3203	Hyde Park-Stanton Drain	Growth	Environmental Services	287,500	-	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.

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES3212	Stormwater Dingman Creek	Growth	Environmental Services	500,000	-	500,000	Q4 2023	The Dingman EA for Stage 2 Lands commenced in Q2 2021 with a 2 year study period.
ES5133	Pottersburg/Vauxhall Transfer	Growth	Environmental Services	5,000,000	488,757	4,511,243	2025	Construction tender expected Q2 2023. Construction complete Q4 2024, warranty to Q4 2025. Detailed design is still underway. Entire variances still anticipated to be used.
ES5145	Sanitary Sewer Internal	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)
ES5253	Rb1B Riverbend Growth Area	Growth	Environmental Services	1,267,966	1,120,578	147,388	2025	This project is needed 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	Growth	Environmental Services	5,000,000	5,000,000	-	Q2 2024	Construction of Dingman Creek PS underway. Completion expected Q2 2023, warranty to Q2 2024.
ES5402	Biosolids Master Plan	Growth	Environmental Services	400,000	401,411	(1,411)	Q4 2022	Evaluation of alternatives for handling biosolids generated at City Wastewater Treatment Plants. Study completion expected Q4 2022.
ES5425	Interim Works As Identified In	Growth	Environmental Services	1,200,000	641,590	558,410	Q2 2023	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. The subdivision will reach the 70% buildout in the fall of 2022. The temporary SWM Facility will be decommissioned over the next several months and will be completed by Q2 2023.
ES5427	Pre-Assumption Monitoring	Growth	Environmental Services	1,000,000	678,112	321,888	Q2 2024	Future projects needs are anticipated to be required by updated Ministry monitoring requirements anticipated to be released in 2022.
ES5428	Infill & Intensification Nodes	Growth	Environmental Services	2,756,580	2,550,725	205,855	Q4 2022	Development Charges Project. Funding used on storm sewers for York Street Phase 2. Deficiency work and warranty still outstanding.
ES5429	Storm Sewer Internal	Growth	Environmental Services	5,920,674	4,773,771	1,146,903	2026	Annual DC program for Developer Claims on Oversized Storm Sewer construction.
ES5520	Community Growth Trunk Storm	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 2023	This project will be to study, design and modify the header pipe used to convey sewage to and from the Dingman Pumping Station to the Dingman Storage Facility and force main. Construction in progress. Budget available for additional services if required.
ES6074	Pottersburg Wwtp Cso And Inlet	Life Cycle Renewal	Environmental Services	1,821,504	1,714,272	107,232	Q4 2023	Pumping Station design project postponed slightly. This project remains available for support as required.
ESSWM-DCNLP9	SWM Facility Dingman Creek	Growth	Environmental Services	7,226,927	5,036,820	2,190,107	Q4 2022	Project under budget due to favorable tender results; remaining budget required for land acquisition of SWM pond. This SWM Pond falls under the legacy program where land costs are not paid until 25% of the catchment are building permits have been issued and paid.
ESSWM-FH1	SWM Facility-Fox Hollow	Growth	Environmental Services	3,700,000	3,444,107	255,893	Q3 2022	Funds cannot be released as additional remediation work along with additional Consultant inspections required.
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 was awarded Assignment 'B'. Both projects are expected to be constructed in 2023 with end of warranty in Q4 2024.
ESSWM-LPH	SWM Facility-London	Growth	Environmental Services	3,954,100	568,204	3,385,896	Q4 2024	Project to undertake the design and construction of the proposed SWM servicing works.

Appendix B - Summary of 2019 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2019 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ESSWM-MM2	SWM Facility-Murray Marr No. 2	Growth	Environmental Services	4,400,000	-	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-OV1	SWM Facility-Old Victoria	Growth	Environmental Services	3,085,061	2,614,361	470,700	Q4 2022	Project is completed with one outstanding claim that Development Finance are working with the owner to clear it out in the next monitoring report.
ESSWM-PD3	SWM Facility-Pincombe Drain	Growth	Environmental Services	3,502,200	2,991,007	511,193	Q4 2022	Ongoing inspection and Contract Administration required until the end of the warranty period.
ESSWM-PDR	SWM Facility-Pincombe Drain	Growth	Environmental Services	4,300,000	-	4,300,000	Q4 2025	Schedule delay, just in time process and development application to dictate the timing of the project.
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	1,389,995	310,005	Q4 2022	Go live occurred with partial CMMS use. Recent update to newer version discovered a few requirements for enhancements. Working with CMMS and IT on these.
EW3535	Infrastructure Renewal Program	Life Cycle Renewal	Environmental Services	509,000	489,952	19,048	Q4 2023	Project is for acceleration of an existing City of London program to reconstruct key water, wastewater and stormwater infrastructure that has reached the end of its useful life. 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.
EW3547	Trunk Watermain Cathodic	Life Cycle Renewal	Environmental Services	295,000	334,621	(39,621)	Q4 2022	Curb and gutter, and sidewalk deficiencies.
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	98,117	601,883	Q4 2022	Consultant hired for design of new bulk water filling station. In for Site plan approval.
EW3628	Expansion Of Southeast	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	374,962	986,068	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.
EW3709	Green Valley Rd Watermain -	Growth	Environmental Services	151,000	109,696	41,304	Q4 2022	Project completed in 2021 - under warranty. Work done in conjunction with Wilton Grove Road Replacement.
EW377218	Water Efficiency Program	Growth	Environmental Services	330,570	318,655	11,915	Q4 2022	Remaining funds to be utilized in the coming years as high cost project are being designed. (e.g. Capital intensive retrofits of drinking fountains and City facilities). Projects are in development and some work has been scheduled. This work has been delayed by COVID-19.

Appendix C – Completed Capital Projects (as of June 30, 2022)

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
EP176520 RBC Place London Repairs	Life Cycle Renewal	466,114	466,114	0							
GG155516 City Hall Major Upgrades	Life Cycle Renewal	953,671	953,671	0							
GG1730ART Salvage Heritage Artifacts	Service Improvement	200,000	168,906	31,094				31,094			
IT301020C Cognos Modernization	Life Cycle Renewal	521,015	521,015	0							
IT301021A Business Intelligence Training	Life Cycle Renewal	71,024	71,024	0							
PD1070 Victoria Park Upgrades	Life Cycle Renewal	652,640	652,640	0							
PD1146 Development Management Tracking System Upgrade	Life Cycle Renewal	180,000	88,887	91,113	After receiving the approval for the Business case #11(a), Development Management Tracking system Upgrades project is funded from PD1106 Digital Planning Application Software.			91,113			
PD206317 Maintain Open Space	Life Cycle Renewal	268,815	268,815	0							
PD206319 Maintain Open Space	Life Cycle Renewal	505,062	505,062	0							
PK103319B Hunts Lands - Auburn - New District Parks	Growth	138,559	138,559	0							
PK1100 Hyde Park Memorial Plaza	Service Improvement	150,000	151,278	-1,278				-1,278			
PP117617 Fire Station LCR	Life Cycle Renewal	666,431	666,431	0							
PP117618 Fire Station LCR	Life Cycle Renewal	357,735	357,735	0							
PP117619 Fire Station LCR	Life Cycle Renewal	253,090	253,090	0							
RC220119 Recreation Facilities	Life Cycle Renewal	899,145	899,145	0							
RC2428 Enhanced CGAC Aquatic Funds	Life Cycle Renewal	47,111	45,791	1,320		1,320					
RC274918 Park Facilities Major Upgrades	Life Cycle Renewal	317,100	317,100	0							
RC3341 Integrated Library System	Life Cycle Renewal	2,644,967	2,644,967	0							
RC3540 Library Facility Renewal Plan	Life Cycle Renewal	3,378,049	3,378,049	0							
SH1104 Winter Response	Service Improvement	973,329	973,009	320							320
TS116518 Warranted Sidewalks	Life Cycle Renewal	104,542	104,542	0							
TS1430-1 RT 1: Wellington Gateway PTIF	Growth	5,573,859	5,427,015	146,844	PTIF program ended, funding not accessible but work continues, funded by ICIP-PTIS program.						146,844
TS1430-2 RT 2: North Connection PTIF	Growth	4,625,099	4,613,970	11,129							11,129
TS1430-3 RT 3: East London Link PTIF	Growth	4,203,601	4,195,128	8,473		-1,157		-15,375			25,005
TS1430-6 RT 6: West Connection PTIF	Growth	1,518,401	1,516,474	1,927		-2,959		-27,240			32,126
TS1430-7 RT 7: Downtown Loop PTIF	Growth	2,503,314	2,364,185	139,129	PTIF program ended, funding not accessible but work continues, funded by ICIP-PTIS program.						139,129
TS405820 Traffic Calming Program	Life Cycle Renewal	74,375	74,375	0							
TS5036 Downtown Transportation	Service Improvement	150,000	80,905	69,095	Variance due to reduced business engagement due to the Covid-19 Pandemic.						69,095
TS5037 Bike Parking Infrastructure	Service Improvement	50,000	39,221	10,779							10,779
<b>Total</b>		<b>32,447,048</b>	<b>31,937,103</b>	<b>509,945</b>		<b>-2,796</b>	<b>0</b>	<b>120,929</b>	<b>-42,615</b>	<b>0</b>	<b>434,427</b>



Appendix C – Completed Capital Projects (as of June 30, 2022)

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
ES209221 Basement Flooding Grant Program	Service Improvement	512,000	512,000	0							
ES2334 Sewer Separation & Infrastructure	Life Cycle Renewal	2,689,769	2,512,516	177,253	Favourable variance due to full contingency not being required.			44,313			132,940
ES246418 Combined Sewer Separation	Service Improvement	3,809,527	3,809,527	0							
ES3042 Flood Protection Measures at Vauxhall PCP	Service Improvement	4,883,000	4,883,000	0							
ES508419 Replacement Equipment Wastewater Treatment Plants	Life Cycle Renewal	1,136,699	1,136,699	0							
ES508421 WWTP Optimization & Renewal	Life Cycle Renewal	1,867,560	1,867,534	26				26			
ES515020 Pumping Station Optimization & Renewal	Life Cycle Renewal	355,357	355,357	0							
<b>Total</b>		<b>15,253,912</b>	<b>15,076,633</b>	<b>177,279</b>		<b>0</b>	<b>0</b>	<b>44,339</b>	<b>0</b>	<b>0</b>	<b>132,940</b>

Appendix C – Completed Capital Projects (as of June 30, 2022)

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
EW3553 Arva Huron Watermain Environmental Assessment	Life Cycle Renewal	600,000	386,164	213,836	Surplus due to competitive pricing from the successful consultant.			213,836			
EW356320 Watermain Rehabilitation and Relining	Life Cycle Renewal	5,096,579	5,096,579	0							
EW384221 Lead and Copper Water Services Replacement	Life Cycle Renewal	1,536,000	447,544	1,088,456	Some costs funded from other accounts; remaining funds not required.			1,088,456			
<b>Total</b>		<b>7,232,579</b>	<b>5,930,287</b>	<b>1,302,292</b>		<b>0</b>	<b>0</b>	<b>1,302,292</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Appendix D - 2022 Mid-Year Capital Housekeeping Budget Adjustments**

**Table 1 - Wastewater and Treatment Housekeeping Budget Adjustments**

Project	Classification	Approved Budget	Amount Released	Released Budget Explanation	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
ESSWM-DCNLP9 SWM Facility Dingman Creek North Lambeth	Growth	7,226,927	750,000	Project under budget due to favorable tender results; remaining budget required for land acquisition of SWM pond. This SWM Pond falls under the legacy program where land costs are not paid until 25% of the catchment area building permits have been issued and paid.	0	0	0	311,069	438,931	0
ES320919 Stormwater Unidentified EA Addendums	Growth	488,709	244,355	Anticipated projects have been delayed due timing of development and are expected to be funded using future annual budgets.	0	0	0	244,355	0	0
ES542519 Interim Works As Identified In EAs	Growth	814,515	814,515	Anticipated projects have been delayed due timing of development and are expected to be funded using future annual budgets.	0	0	0	814,515	0	0
ES543819 Low Impact Development	Growth	11,629,439	9,000,000	After thorough review of annual programs, Development Finance were able to rationalize a release of funding based on current spending and future anticipated obligations.	0	0	0	9,000,000	0	0
ES542919 Storm Sewer Internal Oversizing Subsidy	Growth	10,509,222	5,000,000	After thorough review of annual programs, Development Finance were able to rationalize a release of funding based on current spending and future anticipated obligations.	0	0	0	5,000,000	0	0
<b>Total</b>		<b>30,668,812</b>	<b>15,808,870</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>15,369,939</b>	<b>438,931</b>	<b>0</b>